

2001-260



ULUSAL DENİZ ÖLÇME  
VE  
İZLEME PROGRAMI  
AKDENİZ ALT PROJESİ

Proje No. DEBÇAG 45/G (1988)

*Kesin rapor*



**DENİZ ARAŞTIRMA ENSTİTÜSÜ**

Orta Doğu Teknik  
Üniversitesi  
İÇEL

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VE  
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FİNAL RAPORU

ORTA DOĞU TEKNİK UNIVERSİTESİ

DENİZ BİLİMLERİ ENSTİTÜSÜ

P.K.28 Erdemli-İÇEL

ARALIK, 1990

## TEŞEKKÜR

1986 yılında başlayan Ulusal Deniz Ölçme ve İzleme programı çerçevesinde Türkiye'yi çevreleyen denizlerde oşinografik bulguların toplanması ve değerlendirilmesi ile denizlerimizin bilimsel olarak tanınmasını ve ulusal çıkarlar doğrultusunda değerlendirilmesini sağlayacak olan çalışmalar Akdeniz kesiminde de yürütülmektedir. Ulusal Ölçme ve İzleme Programının planlanması, gerçekleşmesi ve koordinasyonunu sağlayan T.C. Başbakanlık Devlet Planlama Teşkilatı, Seyir, Hidrografi ve Oşinografi Hizmetleri Plan Koordinasyon Kurulu ve Kurul'un İcra Komitesi ile Türkiye Bilimsel ve Teknik Araştırma Kurumu Deniz Bilimleri ve Çevre Araştırma Grubuna teşekkürü bir borç biliriz.

Sunulan araştırmaya önemli katkıları bulunan Orta Doğu Teknik Üniversitesi Deniz Bilimleri Enstitüsü'ndeki araştırmacı, teknik ve gemici personele her türlü övgünün üzerindeki uyumlu ve özverili çalışmaları nedeniyle teşekkür ederiz.

## ÖZET:

Ulusal Deniz Ölçme ve İzleme Programı çerçevesinde Akdeniz kesiminde 1988 yılı saha çalışmaları aşağıda verilen tarihler arasında gerçekleştirilmiş ve denizde yerinde ölçüm ile toplanan fiziksel bulgular ve ODTÜ Deniz Bilimleri Enstitüsü ile R/V Bilim laboratuvarlarında analizleri yapılan doğal ve kirletici biyokimyasal parametrelere ait sonuçlar 1988 yılı Final Raporunda sunulmuştur. 1988 yılında Kuzeydoğu Akdeniz'de 5 ayrı sefer düzenlenmiştir. Ocak 1988'de yapılan kış dönemi deniz saha çalışmalarını takiben ilkbahar, yaz ve sonbahar seferleri gerçekleştirilmiş ve Aralık 1988'de tekrar bir kış seferi daha yapılmıştır. Ancak 1989 Final Raporundan anlaşılacağı üzere 1989 yılında ilkbahar, yaz ve sonbahar mevsimlerinde deniz çalışmaları yapılabilmemiş, kış seferi gerçekleşmemiştir. Bu nedenle 1988 yılı Aralık ölçüm dönemi, sunulan rapor kapsamında verilmekle birlikte 1989 yılı kış dönemi saha bulguları olarak da değerlendirilebilir.

1988 yılında gerçekleşen deniz saha çalışmaları:

- 16-21 Ocak 1988 (kış dönemi)
- 4-10 Mayıs 1988 (ilkbahar dönemi)
- 12-30 Temmuz 1988 (yaz dönemi)
- 5-22 Ekim 1988 (sonbahar dönemi)
- 2-18 Aralık 1988 (kış dönemi)

1988 yılı deniz çalışmalarında yukarıda tarihleri verilen aylarda ölçüm yapılan istasyonları gösterir haritalar sırasıyla Şekil 1, 2, 3, 4 ve 5'de verilmiştir. Haritaları takiben, istasyon bazında ve standart derinliklerde fiziksel ve biyokimyasal bulguları içeren listeler sunulmaktadır. Bu bulgular tablolarda sunulurken aletin ve yöntemin duyarlılık limitinin altında olan değerler için " -11 " veya " ND " kullanılmıştır. 1988 yılında yapılan 5 ayrı seferde ölçüm yapılan istasyonların numaralarında bir karmaşa gözlenmektedir. Örneğin Ocak 1988'de Marmaris bölgesinde 32 nolu istasyon Mayıs 1988 döneminde 23 nolu istasyon olarak işaretlenmiştir. Ancak gerek verilen IBM disketlerinde gerekse bu raporda verilen

haritalarda istasyonların yerleri kontrol edilmiş ve koordinaları tam olarak belirtilmiştir. Ocak 1988 döneminde kış hava koşulları nedeniyle ancak kıyı istasyonlarında ölçüm yapılabılmıştır (Şekil 1). Şekil 3'den görüleceği üzere Temmuz 1988 seferinde ise Kuzeydoğu Akdeniz'in oşinografisi detaylı olarak çalışılmıştır.

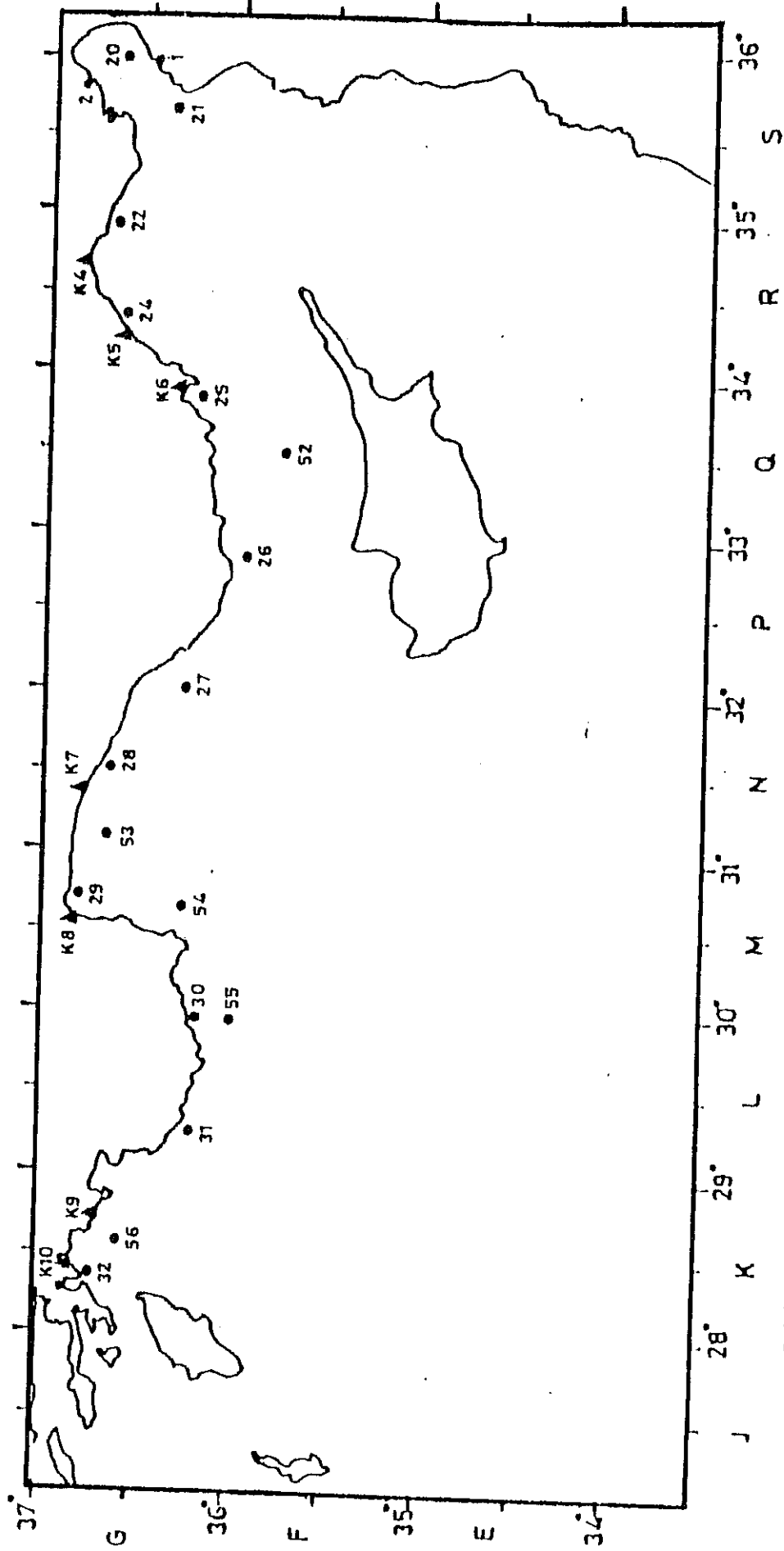
Ulusal Deniz Ölçme ve İzleme Programı kapsamında ölçülen parametrelere ait kısaltmalar ve birimler ise Çizelge 1'de verilmiştir.

1988 yılı Final Raporuna ek olarak fiziksel ve biyokimyasal bulgular IBM disketlerine yüklenmiş olarak standart derinliklerde ve istasyon bazında verilmektedir.

Çizelge 1. Ulusal Deniz Ölçme ve İzleme Programında Ölçülen parametrelere ait kısaltmalar, birimleri ve matrisleri

- T: Sıcaklık ( °C ) (Standart derinlik)
- ‰ S: Tuzluluk ( ‰, ppt, binde bir, PSU: Practical Salinity Unit, Pratik Tuzluluk Birimi ) (Standart derinlik)
- Ç.O. (E.O.): Çözünmüş Oksijen ( ppm, mg/l: biyokimyasal bulgular veya ml/l: fiziksel bulgular ) (Standart derinlik)
- NO<sub>3</sub>-N: Nitrat azotu ( µg-at-N/l ) (Standart derinlik)
- NO<sub>2</sub>-N: Nitrit azotu ( µg-at-N/l ) (Standart derinlik)
- PO<sub>4</sub>-P: Ortofosfat ( µg-at-P/l ) (Standart derinlik)
- Si(OH)<sub>4</sub>-Si: Reaktif silikat ( µg-at-Si/l ) (Standart derinlik)
- TAY: Toplam Askı Yük ( mg/l ) (BOI ile aynı derinlikten)
- CHL-a: Klorofil-a ( µg/l ) (BOI ile aynı derinlikten + Standart derinlik)
- BOI<sub>5</sub>: 5 günlük Biyokimyasal Oksijen İhtiyacı ( mg/l ) (Yüzey suyu ve tuzlu luğun maksimum veya sıcaklığın minimum olduğu derinlikten)
- KOI: Kimyasal Oksijen İhtiyacı ( mg/l ) (Kaynak sularında ve asılı katıda)
- Hg<sub>su</sub>: Suda Toplam Civa ( ng/l ) (Yüzey)
- Hg<sub>sed</sub>: Sedimanda Toplam Civa ( µg/kg, yaş ağırlık )
- Cd<sub>su</sub>: Kaynak sularında Kadmiyum (ng/l)
- Cd<sub>TSS</sub>: Askı Yükte Kadmiyum ( ng/l )
- Cd<sub>sed</sub>: Sedimanda Kadmiyum ( µg/kg, yaş ağırlık )
- PAH<sub>su</sub>: Suda Çözünmüş ve Süspansiyon halindeki Poliaromatik Petrol Hidrokarbonları ( µg/l ) (Yüzey ve 1 m derinlik)
- PAH<sub>sed</sub>: Sedimanda Poliaromatik Petrol Hidrokarbonları (µg/kg, yaş ağırlık)
- FC: Fekal Koliform ( Koli adedi/100 ml ) (BOI ile aynı derinlikten)
- % I: Işık geçirgenliği (Su kolonu)
- pH: Yatay ve dikey dağılım
- Meteorolojik Bulgular: Rüzgar hızı ve yönü, Yağış miktarı, Havanın bulut durumu, Barometrik basınç, Hava sıcaklığı, Nispi nem

OCAK 1988



Şekil 1. Ocak, 1988 döneminde Kuzeydoğu Akdeniz'de ölçüm yapılan istasyonlar

STATION NUMBER: 20  
 TOTAL DEPTH: 55.0 m.  
 PLACE:  
 DATE: 16-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 08:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 36.0°  
 LATITUDE: 36.42°  
 WIND:  
 WIND DIRECTION:

DS:  
 SD/Hg:  
 SW/Hg: 5.2  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.87  
 SD/PH:  
 SW/PH: 0.44  
 FC/0m.:  
 FC/2m.:

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DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	NO2-N			
0.	18.95	38.37	28.11		0.08	0.09	-11	0.86	0.68	0.74		
5.	18.94	38.82	28.47		0.30	0.07	-11	0.70	0.67	0.22		
15.	18.98	39.11	28.68	7.35	0.08	0.08	-11	0.81	0.69	0.18		
25.	18.95	39.11	28.89	7.29	0.13	0.07	-11	0.69	0.76	0.88		
50.	18.95	39.11	28.69	6.03	0.05	0.07	-11	0.56	0.71	0.19		

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STATION NUMBER: 22  
 TOTAL DEPTH: 55.0 m.  
 PLACE:  
 DATE: 16-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 08:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 36.0°  
 LATITUDE: 36.42°  
 WIND:  
 WIND DIRECTION:

DS:  
 SD/Hg:  
 SW/Hg: 5.2  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.87  
 SD/PH:  
 SW/PH: 0.44  
 FC/0m.:  
 FC/2m.:

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DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	NO2-N			
0.	18.95	38.37	28.11		0.08	0.09	-11	0.88	0.88	0.74		
5.	18.94	38.82	28.47		0.30	0.07	-11	0.70	0.67	0.22		
15.	18.98	39.11	28.68	7.35	0.08	0.08	-11	0.81	0.69	0.18		
25.	18.95	39.11	28.89	7.29	0.13	0.07	-11	0.69	0.76	0.88		
50.	18.95	39.11	28.69	6.03	0.05	0.07	-11	0.56	0.71	0.19		

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STATION NUMBER: 24  
 TOTAL DEPTH: 35.0 m.  
 PLACE:  
 DATE: 15-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 17:55  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 34.20'  
 LATITUDE: 36.36'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 3.12  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 3.2  
 SD/PH:  
 SW/PH: 0.38  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	15.33	38.98	27.41		0.24	0.12		-11	0.21	0.92	0.92
5.	15.51	37.48	27.77		0.03	0.13		-11	N.D	0.95	0.98
15.	17.23	38.29	27.99	8.91	0.10	0.10		-11	N.D	0.71	0.45
25.	17.48	38.71	28.25	8.97	0.07	0.10		-11	0.43	0.67	
35.	17.48	38.71	28.25	8.97	0.02	0.08		-11	0.58	0.85	0.14

STATION NUMBER: 25  
 TOTAL DEPTH: 30.0 m.  
 PLACE:  
 DATE: 18-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 17:12  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 33.51'  
 LATITUDE: 36.12'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 11.8  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.82  
 SD/PH:  
 SW/PH: 0.22  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	18.87	38.89	28.38		0.09	0.05		-11	0.84	0.87	0.38
5.	18.87	38.98	28.61		0.08	0.05		-11	0.70	0.70	0.35
15.	18.73	39.14	28.78	8.76	0.13	0.07		-11	0.87	0.89	0.33
25.	18.63	39.14	28.79	8.37	0.07	0.13		-11	0.68	0.68	0.34

STATION NUMBER: 26  
 TOTAL DEPTH: 40.0 m.  
 PLACE:  
 DATE: 19-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 01:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 32.48'  
 LATITUDE: 35.59'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 9.8  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.88  
 SD/PH:  
 SW/PH: 0.46  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HH	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	17.01	38.95	28.54		0.03	0.06		-11	0.57	0.87	0.03
5.	17.00	39.04	28.62		0.08	0.06		-11	0.53	0.69	0.26
15.	17.02	39.06	28.63	8.12	0.12	0.04		-11	0.55	0.88	0.24
25.					0.04	0.05		-11	0.54	0.88	0.26
35.					0.11			-11	0.54	0.87	0.37

STATION NUMBER: 27  
 TOTAL DEPTH: 50.0 m.  
 PLACE:  
 DATE: 19-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 07:20  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 32. 0'  
 LATITUDE: 36.31'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 11.1  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 2.18  
 SD/PH:  
 SW/PH: 0.40  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HH	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	16.93	38.97	28.59		0.02	0.06		-11	0.58	0.88	0.27
5.	16.97	38.93	28.54		0.07	0.06		-11	0.54	0.69	0.33
10.	17.00	38.94	28.54	7.39	0.07	0.07		-11	0.58	0.88	0.24
20.	17.05	38.95	28.54	6.02	0.05	0.06		-11	0.58	0.70	0.26
45.	17.80	39.03	28.59	7.29	0.07	0.07		-11	0.60	0.71	0.30

STATION NUMBER: 28  
 TOTAL DEPTH: 250.0 m.  
 PLACE:  
 DATE: 19-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 10:50  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31.30'  
 LATITUDE: 36.40'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 11.1  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 1.00  
 SD/PH:  
 SW/PH: 0.53  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	17.19	39.09	28.81		0.13	0.05		N.D	0.62	0.63	0.28
5.	17.18	39.08	28.81		0.10	0.05		N.D	0.60	0.69	0.20
15.	17.18	39.07	28.80		0.15	0.07		N.D	0.61	0.64	0.22
25.	17.17	39.06	28.80	7.41	0.17	0.06		N.D	0.61	0.63	0.19
50.	17.18	39.05	28.59	8.31	0.13	0.07		N.D	0.58	0.63	0.35
75.	17.12	39.08	28.62	8.30	0.11	0.06		N.D	0.57	0.63	0.30
100.	17.10	39.08	28.63	8.35	0.19	0.07		N.D	0.58	0.62	0.35
125.	16.91	39.07	28.67	8.17	0.17	0.07		N.D	0.56	0.59	0.28
150.	16.38	39.00	28.74	7.77	0.12	0.07		N.D	0.75	0.80	0.12
175.					0.15	0.08		N.D	0.73	0.55	
200.					0.17	0.08		N.D	0.64	0.58	

STATION NUMBER: 29  
 TOTAL DEPTH: 300.0 m.  
 PLACE:  
 DATE: 19-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 18:50  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.41'  
 LATITUDE: 36.50'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.61  
 SD/PH:  
 SW/PH: 0.61  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	16.96	38.99	28.59		0.17	0.11		-11	0.70	0.64	0.27
5.	16.96	39.00	28.60	7.74	0.08	0.09		-11	0.68	0.66	
15.	16.94	39.00	28.60	6.95	0.17	0.08		-11	0.66	0.66	
25.	16.91	39.00	28.61	7.28	0.15	0.07		-11	0.65	0.71	0.30
50.	16.88	38.99	28.61	7.45	0.11	0.07		-11	0.62	0.64	0.30
75.	16.86	38.98	28.61	7.39	0.10	0.05		-11	0.64	0.70	
100.	16.88	39.02	28.63	7.52	0.09	0.06		-11	0.66	0.68	0.27
125.	16.89	39.02	28.64	7.48	0.13	0.11		-11	0.65	0.64	0.27
150.	16.76	39.03	28.67	7.42	0.15	0.06		-11	0.63	0.64	0.22
175.	16.44	39.00	28.72	7.30	0.15	0.06		-11	0.67	0.67	
200.	16.12	38.98	28.79	7.16	0.07	0.06		-11	0.74	0.69	

STATION NUMBER: 30  
 TOTAL DEPTH: 300.0 m.  
 PLACE:  
 DATE: 20-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 04:58  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29.57'  
 LATITUDE: 36.10'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 13.0  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.23  
 SD/PH:  
 SW/PH: 0.43  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	17.35	38.44	28.07		0.11	0.07		-11	0.74	0.59	
5.	17.35	38.85	28.39		0.15	0.08		-11	0.68	0.62	
15.	17.36	38.96	28.47	7.60	0.08	0.08		-11	0.65	0.62	
25.	17.36	39.03	28.53	7.91	0.09	0.07		-11	0.66	0.64	
50.	17.36	39.04	28.53	7.15	0.08	0.09		-11	0.64	0.65	
75.	17.30	39.04	28.55	7.32	0.13	0.09		-11	0.67	0.67	
100.	17.22	39.04	28.57	7.29	0.13	0.09		-11	0.71	0.63	
125.	17.19	39.04	28.58	7.25	0.04	0.08		-11	0.74	0.63	
150.	17.07	39.05	28.61	7.30	0.11	0.08		-11	0.63	0.65	
175.					0.15	0.08		-11	0.65	0.61	
200.	16.50	39.03	28.74	7.33	0.15	0.11		-11	0.63	0.62	
250.	15.95	38.99	28.84	6.98	0.11	0.08		-11	0.66	0.54	

STATION NUMBER: 31  
 TOTAL DEPTH: 210.0 m.  
 PLACE:  
 DATE: 20-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 11:10  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29.17'  
 LATITUDE: 36.13'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.70  
 SD/PH:  
 SW/PH: 0.14  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	17.40	38.98	28.48		0.25	0.08		-11	0.71	0.63	
5.	17.40	38.99	28.49		0.04	0.07		-11	0.65	0.59	
15.	17.43	39.00	28.49	6.44	0.15	0.04		-11	0.66	0.56	
25.	17.45	39.02	28.49	6.55		0.08		-11	0.65	0.58	
50.	17.49	39.03	28.49	7.28	0.15	0.05		-11	0.63	0.57	
75.	17.46	39.05	28.51	7.23	0.10	0.07		-11	0.58	0.57	
100.	17.43	39.05	28.53	7.23	0.21	0.08		-11	0.60	0.59	
125.	17.29	39.08	28.57	7.20	0.19	0.08		-11	0.61	0.64	
150.	17.12	39.06	28.82	7.27	0.15	0.07		-11	0.67	0.60	

STATION NUMBER: 32  
 TOTAL DEPTH: 100.0 m.  
 PLACE:  
 DATE: 20-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 20:05  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.20'  
 LATITUDE: 36.45'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 11.3  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 0.30  
 SD/PH:  
 SW/PH: 1.12  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	17.25	38.09	27.83		0.23	0.05	-11	0.55	0.66	0.30	
5.	17.26	38.77	28.35		0.05	0.05	-11	0.55	0.67		
15.	17.26	38.93	28.47	8.13	0.04	0.05	-11	0.55	0.64		
25.	17.26	38.95	28.49	5.91	0.12	0.05	-11	0.54	0.65	0.35	
50.	17.23	39.04	28.57	6.79	0.13	0.04	-11	0.56	0.65	0.48	
75.	17.19	39.02	28.56	6.94	0.22	0.05	-11	0.58		0.30	

STATION NUMBER: 52  
 TOTAL DEPTH: 300.0 m.  
 PLACE:  
 DATE: 18-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 19:55  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 33.30'  
 LATITUDE: 36. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 7.6  
 SN/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SN/Cd:

TSS: 0.47  
 SD/PH:  
 SW/PH: 0.28  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	16.74	38.90	28.57		0.14	0.08		-11	0.69	0.68	
5.	16.75	38.95	28.61		0.09	0.08		-11	0.71	0.65	
15.	16.78	39.03	28.67	8.05	0.08	0.05		-11	0.61	0.68	
25.	16.76	39.04	28.68	7.79	0.08	0.05		-11	0.62	0.68	
50.	16.76	39.04	28.68	7.88	0.22	0.05		-11	0.64	0.78	
75.	16.77	39.04	28.68	7.83	0.05	0.05		-11	0.60	0.68	
100.	16.77	39.04	28.68	7.86	0.11	0.08		-11	0.63	0.68	
125.	16.39	38.98	28.72	7.60	0.12	0.07		-11	0.64	0.68	
150.	15.81	38.95	28.84	7.32	0.12	0.08		-11	1.08	0.81	
175.					0.15	0.11		0.30	1.84	0.59	
200.	15.39	38.98	28.94	7.13	0.18	0.12		0.75	2.04	0.59	
250.	14.95	38.92	29.02	6.94	0.10	0.18		1.92	3.48	0.55	
303.	14.95	38.92	29.02	6.94	0.17	0.20		2.40	3.77	0.53	

STATION NUMBER: 53  
 TOTAL DEPTH: 500.0 m.  
 PLACE:  
 DATE: 19-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 14:40  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31.5'  
 LATITUDE: 36.40'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 7.21  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 0.82  
 SD/PH:  
 SW/PH: 0.35  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	17.00	38.99	28.58		0.08	0.08	-11	0.55	0.82	0.27	
5.	16.98	39.09	28.67	8.04	0.12	0.08	1.23	0.56	0.67	0.05	
15.	16.91	39.10	28.69	8.94	0.13	0.08	-11	0.56	0.83	0.27	
25.	16.90	39.10	28.69	7.83	0.11	0.10	-11	0.58	0.61	0.28	
50.	16.87	39.10	28.70	8.03	0.10	0.11	-11	0.54	0.61	0.27	
75.	16.82	39.08	28.75	8.34	0.08	0.09	-11	0.79	0.59	0.27	
100.	16.55	39.08	28.76	8.35	0.13	0.08	-11	0.54	0.56	0.28	
125.	16.54	39.09	28.77	8.32	0.11	0.07	-11	0.49	0.57	0.18	
150.	16.45	39.10	28.80	8.28	0.10	0.07	-11	0.55	0.57	0.28	
175.					0.17	0.07	-11	0.51	0.59		
200.	16.33	39.09	28.83	8.01	0.18	0.07	-11	0.50	0.61		
250.	15.72	39.04	28.93	7.37	0.13	0.05	-11	0.68	0.59		
300.	15.17	39.02	29.05	7.06	0.21	0.08	-11	0.60	0.80		
400.	14.43	38.91	29.13	6.40	0.12	0.18	1.80	2.99	0.45		
500.	14.43	38.91	29.13	6.40	0.18	0.29	1.85	6.17	0.40		

STATION NUMBER: 54  
 TOTAL DEPTH: 800.0 m.  
 PLACE:  
 DATE: 19-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 23:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.38'  
 LATITUDE: 36.16'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 14.89  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 1.36  
 SD/PH:  
 SW/PH: 0.71  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	16.87	38.50	28.24		0.11	0.07		-11	0.65	0.57		
5.	16.88	38.97	28.60		0.15	0.08		-11	0.64	0.59		
15.	16.83	39.02	28.65	7.54	0.13	0.11		-11	0.59	0.55		
25.	16.59	39.03	28.72	7.44	0.09	0.07		-11	0.58	0.54		
50.	16.35	39.02	28.78	7.50	0.07	0.08		-11	0.57	0.53		
75.	16.32	39.02	28.77	7.57	0.14	0.05		-11	0.57	0.51		
100.	16.29	39.02	28.78	7.57	0.10	0.05		-11	0.52	0.53		
125.	16.28	39.04	28.80	7.54	0.09	0.05		-11	0.55	0.53		
150.	16.28	39.04	28.80	7.55	0.13	0.06		-11	0.58	0.55		
175.					0.13	0.06		-11	0.60	0.52		
200.	16.20	39.04	28.82	7.40	0.10	0.06		-11	0.94	0.47		
250.	15.34	38.98	28.98	6.71	0.11	0.11		0.98	2.06	0.41		
300.	14.76	38.93	29.07	6.32	0.06	0.06			1.20	0.45		
400.					0.19	0.15		1.73	2.96	0.39		
500.					0.16	0.25		3.35	6.09	0.37		
600.					0.12	0.26		4.08	7.31	0.34		
700.					0.13	0.32		4.32	7.98	0.34		
800.					0.15	0.31		3.54	8.32	0.39		



STATION NUMBER: 55  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 20-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 06:50  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29.55'  
 LATITUDE: 38. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 9.85  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 0.53  
 SD/PH:  
 SW/PH: 0.94  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HR	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	17.38	38.74	28.30		0.29	0.05		-11	0.58	0.83	0.27
5.					0.09	0.05		-11	0.59	0.81	
15.	17.32	39.00	28.51	6.88	0.10	0.08		-11	0.68	0.62	
25.	16.83	39.05	28.67	7.00	0.30	0.07		-11	0.55	0.61	
50.	16.55	38.97	28.68	7.08	0.52	0.08		-11	0.68	0.57	0.05
75.	16.53	39.01	28.72	7.20	0.25	0.10		-11	0.83	0.59	
100.	16.43	39.04	28.76	7.23	0.16	0.09		-11	1.12	0.52	0.38
125.	16.38	39.04	28.77	7.28	0.07	0.20		2.23	3.14	0.48	0.10
150.	16.28	39.03	28.79	7.13	0.22	0.09		2.23		0.55	0.11
175.					0.18	0.09		2.23		0.55	
200.	15.75	39.01	28.90	6.74	0.10	0.29		3.82	6.48	0.40	
250.	15.31	39.00	29.00	6.50	0.10	0.31		4.00	7.55	0.38	
600.					0.30	0.30		4.12	8.03	0.39	
700.					0.21	0.30		4.23	9.37	0.38	

STATION NUMBER: 58  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 20-01-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 16:00  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.34'  
 LATITUDE: 38.38'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 17.4  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.68  
 SD/PH:  
 SW/PH: 0.53  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	SI	TOC	CHL-a
0.	17.35	38.02	27.75		0.20	0.08	-11	0.49	0.59	0.27	
5.	17.35	38.89	28.42		0.19	0.07	-11	0.51	0.58		
15.	17.39	38.99	28.48	8.08	0.18	0.07	-11	0.50	0.58		
25.	17.39	39.02	28.51	7.35	0.07	0.07	-11	0.55	0.59		
50.	17.40	39.03	28.51	6.88	0.20	0.08	-11	0.58	0.60	0.22	
75.	17.38	39.03	28.52	7.14	0.02	0.08	-11	0.55	0.58		
100.	17.35	39.03	28.53	7.14	0.07	0.07	-11	0.58	0.59	0.20	
125.	17.33	39.08	28.58	7.04	0.09	0.05	-11	0.59	0.61	0.21	
150.	17.33	39.08	28.58	7.09	0.37	0.06	-11	0.57	0.58	0.27	
175.					0.04	0.05	-11	0.60	0.66		
200.	17.32	39.08	28.57	7.12	0.09	0.07	-11	0.55	0.60		
250.	15.81	39.00	28.88	6.88	0.36	0.09	-11	0.93	0.49		
300.	15.30	39.00	29.00	6.53	0.19	0.05	-11	1.53	0.51		
350.					0.14	0.21	2.74	4.26	0.43		
400.	14.28	38.86	29.13	6.03	0.18	0.28	3.41	5.50	0.39		
450.					0.17	0.27	3.71	6.37	0.41		
500.	13.99	38.81	29.15	5.88	0.07	0.30	3.94	6.92	0.38		
550.					0.12	0.31	4.44	7.19	0.38		
600.					0.11	0.30	4.04	7.59	0.38		
650.					0.09	0.30	4.17	7.80	0.34		



STATION NUMBER: A-23  
 TOTAL DEPTH: 85.0 m.  
 PLACE:  
 DATE: 10-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 03:50  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.20'  
 LATITUDE: 36.45'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.41  
 SD/PH:  
 SW/PH: 0.35  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	SI	TOC	CHL-a
0.	17.55	38.88	28.35		0.18	0.03	0.09	0.10	2.08	0.73	
5.	17.58	38.89	28.37								
10.	17.22	39.07	28.59	7.30	0.15	0.03	0.09	0.10	1.80	0.72	
15.	16.87	39.24	28.81	7.42							
25.					0.18	0.08	0.10	0.10	1.70	0.89	
50.					0.08	0.06	0.14	0.20	1.60	0.87	
75.					0.20	0.06	0.21	0.71	1.65	0.87	

STATION NUMBER: A-25  
 TOTAL DEPTH: 140.0 m.  
 PLACE:  
 DATE: 10-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 02:55  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.28'  
 LATITUDE: 36.48'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 0.13  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	SI	TOC	CHL-a
0.	17.35	38.77	28.33			0.06	0.09	0.09	3.51	0.73	
5.	17.25	38.85	28.42								
10.						0.03	0.09	0.09	1.49	0.78	
25.						0.08	0.11	0.11	1.49	0.77	
50.						0.08	0.20	0.44	1.60	0.72	
75.						0.08	0.11	0.54	1.80	0.71	
100.						0.03	0.13	0.93		0.70	
125.						0.08	0.10	0.98	1.85	0.72	

STATION NUMBER: A-26  
 TOTAL DEPTH: 100.0 m.  
 PLACE:  
 DATE: 10-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 02:10  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.34'  
 LATITUDE: 36.46'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 0.15  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	NO2-N			
0.	16.92	38.82	28.47		0.08	0.08	0.09	0.10	3.35	0.70		
10.	16.94	38.85	28.49		0.18	0.08	0.09	0.16	2.22	0.69		
25.	16.40	38.94	28.69	7.97	0.12	0.03	0.09	0.15	1.55	0.89		
50.	16.14	38.98	28.77	7.75	0.18	0.03	0.16	0.38	1.29	0.88		
75.	16.14	38.98	28.77	7.75	0.11	0.08	0.16	0.72	1.80	0.85		

STATION NUMBER: A-27  
 TOTAL DEPTH: 100.0 m.  
 PLACE:  
 DATE: 09-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 22:17  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.44'  
 LATITUDE: 36.42'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 8.00  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.29  
 SD/PH:  
 SW/PH:  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	NO2-N			
0.	20.17	38.44	27.34		0.20	0.08	0.10	0.31		0.69		
5.	20.14	38.51	27.41									
10.					0.02	0.03	0.10	0.31	1.91	0.78		
25.					0.20	0.08	0.08	0.08	1.60	0.88		
50.					0.10	0.08	0.19	0.33	1.39	0.72		
75.					0.11	0.03	0.18	0.73	1.70			
100.					0.11	0.08	0.15	1.02	1.88	0.88		

STATION NUMBER: A-28  
 TOTAL DEPTH: 50.0 m.  
 PLACE:  
 DATE: 09-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 21:05  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29.4'  
 LATITUDE: 36.39'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 11.9  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.32  
 SD/PH:  
 SW/PH: 0.20  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	19.79	38.73	27.67		0.20	0.08	0.10	0.18	4.48	0.81	
5.	19.40	38.90	27.90								
10.	18.21	39.01	28.29	7.82	0.26	0.07	0.10	0.18	3.87	0.80	
25.					0.13	0.07	0.12	0.12	1.70	0.72	
50.					0.18	0.08	0.19	0.35	1.39	0.69	

STATION NUMBER: A-29  
 TOTAL DEPTH: 300.0 m.  
 PLACE:  
 DATE: 09-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 18:10  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.59'  
 LATITUDE: 36.34'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 0.18  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	17.52	39.08	28.51	8.91	0.20	0.07	0.08	0.08	1.88	0.71	
10.	16.89	38.98	28.65	8.97	0.20	0.07	0.10	0.11	1.39	0.71	
25.	16.33	38.98	28.72	8.51	0.18	0.08	0.09	0.23	1.19	0.69	
50.	16.11	38.98	28.78	8.28	0.20	0.08	0.28	0.58	1.19	0.68	
75.	16.03	38.97	28.80	8.00	0.20	0.07	0.15	0.58	1.34	0.72	
100.	15.95	38.98	28.83	7.79	0.20	0.08	0.12	0.73	1.34	0.65	
125.					0.10	0.08	0.10	1.01	1.44	0.77	
150.					0.14	0.08	0.09	1.17	1.80	0.62	
200.					0.12	0.07	0.10	1.47	2.01	0.68	
300.					0.20	0.11	0.10	3.82	4.43	0.53	

STATION NUMBER: A-30  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 08-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 12:22  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.40'  
 LATITUDE: 36.20'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS:  
 SD/PH:  
 SW/PH: 0.05  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	NO2-N			
0.	18.91	39.40	28.42		0.08	0.08	0.10	0.10	0.97	0.72		
10.	18.55	39.27	28.41		0.03	0.08	0.20	0.22	1.08	0.74		
25.	17.95	39.05	28.39	7.78	0.13	0.07	0.08	0.10	1.19	0.71		
50.	18.89	39.03	28.84	8.17	0.16	0.08	0.10	0.18	1.31	0.71		
75.	18.05	39.01	28.83	8.25	0.08	0.08	0.10	0.10	1.36	0.72		
100.	15.79	38.99	28.88	7.88	0.14	0.05	0.10	0.10	1.59	0.69		
150.	15.80	38.99	28.82	7.47	0.08	0.07	0.21	1.17	2.50	0.89		
200.	15.33	39.00	28.99	7.20	0.08	0.08	0.11	2.04	4.77	0.59		
300.	14.80	38.92	29.10	6.29	0.03	0.08	0.12	4.85	6.93	0.47		
400.	14.10	38.83	29.14	5.90	0.07	0.14	0.10	5.86	8.64	0.44		
500.	13.87	38.78	29.18	5.72	0.07	0.14	0.10	6.09	10.23	0.40		
750.	13.84	38.72	29.17	5.54	0.08	0.14	0.10	6.01		0.40		

STATION NUMBER: A-31  
 TOTAL DEPTH: 500.0 m.  
 PLACE:  
 DATE: 08-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 10:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.40'  
 LATITUDE: 36.30'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 1.55  
 SD/PH:  
 SW/PH:  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	NO2-N			
0.	18.70	38.25	27.59	8.09	0.08	0.08	0.10	0.50	2.84	0.75		
5.	18.62	38.23	27.59	7.43								
10.	18.43	38.28	27.67	8.47	0.10	0.07	0.09	0.48	2.73	0.78		
50.	18.24	38.93	28.72	6.07								
75.	18.24	38.94	28.73	6.07	0.13	0.07	0.09	0.09	0.97	0.69		
100.	18.18	38.96	28.78	7.85	0.14	0.03	0.15	0.20	0.97	0.70		
125.	18.08	38.98	28.80	7.82	0.12	0.07	0.18	0.69	1.08	0.80		
150.	15.90	38.98	28.84	7.62	0.14	0.08	0.15	0.71	1.19	0.69		
200.	15.64	38.99	28.91	7.41	0.10	0.08	0.13	0.93	1.48	0.78		
250.	15.48	38.98	28.95	7.21	0.09	0.08	0.11	0.98	1.48	0.87		
350.					0.03	0.07	0.11	2.32	2.81	0.58		
400.	13.98	38.78	29.14	5.89								
450.					0.08	0.14	0.14	5.63	8.87	0.48		





STATION NUMBER: A-33  
 TOTAL DEPTH: 350.0 m.  
 PLACE:  
 DATE: 07-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 18:00  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 32.0°  
 LATITUDE: 36.30°  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH:  
 FC/0m. t  
 FC/2m. t

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	NO2-N			
0.	20.01	38.28	27.25		0.27	0.05	0.10	0.35	2.50	0.80	0.12	
5.	18.49	38.86	28.11	7.51								
10.	17.87	38.89	28.29	8.55	0.17	0.05	0.09	0.09	1.19	0.70	0.04	
15.	17.44	38.90	28.41	8.52								
20.	17.14	38.90	28.48	8.37								
25.	16.88	38.92	28.56	8.27	0.15	0.05	0.09	0.09	0.91	0.74	0.04	
30.	16.66	38.93	28.62	8.19								
50.	16.44	38.94	28.68	8.00	0.14	0.05	0.12	0.13	0.97	0.69	0.15	
75.	16.37	38.94	28.70	7.89	0.08	0.05	0.13	0.22	0.97	0.63	0.14	
100.	16.25	38.95	28.74	7.71	0.18	0.05	0.22	0.50	1.02	0.63	0.22	
125.	16.18	38.96	28.76	7.60	0.10	0.05	0.18	0.55	0.97	0.62	0.14	
150.	16.12	38.96	28.78	7.51	0.11	0.05	0.12	0.70	1.14	0.63	0.13	
200.	15.77	38.98	28.87	7.33	0.21	0.09	0.09	1.34	1.65	0.60		
250.	15.28	38.95	28.97	6.87	0.21	0.09	0.10	2.50	2.78	0.54		

STATION NUMBER: A-34  
 TOTAL DEPTH:  
 PLACE:  
 DATE:  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

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

CHARACTER  
 LONGITUDE: 00:00  
 LATITUDE: 00:00  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 5.7  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.82  
 SD/PH:  
 SW/PH: 0.54  
 FC/0m. t  
 FC/2m. t

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	NO2-N			
0.					0.34	0.09	0.12	1.32	1.43	0.78		
10.					0.32	0.05	0.14	1.78	1.20	0.75		
20.					0.27	0.09	0.10	0.32	0.46	0.71	0.63	

STATION NUMBER: A-35  
 TOTAL DEPTH: 52.0 m.  
 PLACE:  
 DATE: 05-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 09:40  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 36. 7'  
 LATITUDE: 36. 44'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 2.5  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 0.95  
 SD/PH:  
 SW/PH: 0.22  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	19.89	37.53	28.73				0.09	0.12	0.85	0.48	0.88
5.	19.81	37.43	28.72								
10.	19.22	37.41	28.81	8.67	0.25	0.05	0.10	0.85	1.43	0.89	
15.	19.17	37.47	28.87	8.64							
20.	19.04	37.60	27.00	8.83	0.05	0.11	2.10	3.71	0.81	0.89	
25.	18.80	37.98	27.34	8.25							
30.	18.74	38.08	27.44	8.35	0.32	0.05	0.11	0.27	2.34	0.78	
40.	18.52	38.87	28.45	8.49	0.21	0.05	0.20	0.39	0.29	0.74	
50.	18.37	38.76	28.58	7.79	0.20	0.09	1.02	1.79	1.89	0.88	

STATION NUMBER: A-36  
 TOTAL DEPTH: 80.0 m.  
 PLACE:  
 DATE: 05-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 05:25  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35.57'  
 LATITUDE: 36.33'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS:  
 SD/PH:  
 SW/PH:  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	19.83	37.08	28.38	7.82	0.11	0.09		0.48		0.89	0.99
5.	19.75	37.08	28.41	7.85							
10.	19.23	37.37	28.78	7.75	0.32	0.09		1.23	0.48	0.88	1.48
15.	18.88	37.74	27.18	7.58							0.80
20.	18.80	37.98	27.41	7.42							
25.	18.53	38.08	27.50	7.45	0.30	0.05		0.78	1.54	0.77	0.25
30.	18.22	38.35	27.79	7.58							
35.	18.72	38.58	28.09	7.84	0.22	0.05		0.20	1.09	0.88	

STATION NUMBER: A-37  
 TOTAL DEPTH: 80.0 m.  
 PLACE:  
 DATE: 05-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 03:00  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35.43'  
 LATITUDE: 36.21'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS:  
 SD/PH:  
 SW/PH:  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	18.84	38.70	27.90					0.16	1.14	0.80	0.37
5.	18.81	38.89	27.89								
10.	18.63	38.78	28.01	7.03	0.15	0.05		0.20	1.05	0.78	0.12
15.	18.63	38.81	28.03	6.19							
20.	18.39	39.01	28.25	6.44	0.14	0.05		0.21	0.74	0.72	0.10
25.					0.30	0.05		0.21	0.88	0.70	
40.					0.18	0.05		0.14	0.57	0.89	0.19
50.					0.11	0.05		0.15		0.85	
65.					0.11	0.05		0.68	0.88	0.61	

STATION NUMBER: A-38  
 TOTAL DEPTH: 25.0 m.  
 PLACE:  
 DATE: 05-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 17:34  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35.31'  
 LATITUDE: 36.31'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS:  
 SD/PH:  
 SW/PH:  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
0.	20.25	38.93	28.17								
5.	19.30	37.82	28.94	6.88	0.44	0.19	0.19	3.47		0.79	0.49
10.	19.24	37.59	28.94	7.02	0.38	0.19	0.13	0.68		0.83	1.54
15.	19.03	37.81	27.01	7.56	0.44	0.23	0.17	0.68		0.89	2.73
20.	18.77	37.68	27.12	7.87							
25.	18.52	37.88	27.34	7.62	0.44	0.14	0.13	0.23		0.84	1.89

STATION NUMBER: 51  
 TOTAL DEPTH: 1100.0 m.  
 PLACE:  
 DATE: 04-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 20:10  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35. 4'  
 LATITUDE: 36. 8'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 2.1  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 0.55  
 SD/PH:  
 SW/PH: 0.38  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	-			
0.	19.18	38.78	27.87	8.24	0.04	0.07		0.12	1.31	0.74	0.04	
10.	18.98	38.79	27.93	7.25	0.11	0.05		0.17	1.54	0.81	0.21	
15.	18.82	38.77	28.01	7.42								
20.	18.58	38.78	28.02	7.47		0.02		0.15	1.31	0.77		
25.	18.52	38.82	28.07	7.49								
50.	18.82	38.92	28.57	7.75	0.30	0.02		0.20	0.51	0.73	0.18	
75.	18.57	38.92	28.83	7.59	0.30	0.04			0.29	0.87	0.13	
100.	18.49	38.94	28.87	7.49	0.30	0.05		0.38	0.83	0.72	0.11	
125.	18.44	38.95	28.89	7.50	0.11	0.04		0.18	0.88	0.88	0.38	
150.	18.38	38.95	28.71	7.44	0.19	0.04		0.88	0.23	0.89		
200.	16.04	38.98	28.80	7.33	0.23	0.04		0.84	1.14	0.83		
250.	15.43	38.94	28.92	6.79								
300.	14.73	38.89	29.04	6.44	0.13	0.05		1.37	0.29	0.80		
400.	14.14	38.80	29.11	6.08	0.12	0.19		5.09	0.43	0.47		
500.	13.89	38.75	29.13	5.88	0.31	0.25		6.01		0.41		

STATION NUMBER: 52  
 TOTAL DEPTH: 1100.0 m.  
 PLACE:  
 DATE: 07-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 00:20  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 33.30'  
 LATITUDE: 35.45'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 9.1  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.58  
 SD/PH:  
 SW/PH: 0.69  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	SI	TOC	CHL-a
0.	18.45	38.81	28.08		0.07	0.04		0.12	1.08	0.73	0.08
10.	18.20	38.88	28.19	7.47	0.11	0.04		0.09	1.14	0.70	0.04
20.	17.80	38.95	28.40	7.79	0.14	0.04		0.12	1.02	0.89	
30.	17.02	38.88	28.48	7.74	0.12	0.04		0.10	1.08	0.69	
40.	16.82	38.90	28.58	7.71	0.04	0.04		0.09	0.97	0.87	
50.	16.53	38.93	28.65	7.87							0.15
75.	16.38	38.94	28.70	7.51	0.13	0.04		0.29	1.02	0.87	0.38
100.	16.23	38.95	28.74	7.39							0.31
125.	16.13	38.98	28.77	7.32							0.24
140.					0.05	0.04		0.57	1.19	0.80	
150.	16.05	38.98	28.79	7.24							
200.	15.72	38.97	28.88	6.98							
210.					0.08	0.09		1.57	1.70	0.54	
250.	15.23	38.93	28.97	6.51							
280.					0.27	0.19		4.20	4.54	0.47	
300.	14.87	38.89	29.08	6.11							
350.					0.07	0.23		5.45	6.48	0.40	
400.	14.10	38.79	29.12	5.80							
425.					0.07	0.28		5.88	8.18	0.39	
500.	13.84	38.74	29.13	5.87							
530.					0.15	0.28		6.27	9.28	0.35	
600.	13.75	38.72	29.14	5.59							
635.					0.12	0.28		5.71	6.94	0.31	

STATION NUMBER: 53  
 TOTAL DEPTH: 1500.0 m.  
 PLACE:  
 DATE: 08-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

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

CHARACTER  
 LONGITUDE: 31. 0'  
 LATITUDE: 38. 30'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 0.20  
 SD/PH:  
 SW/PH: 0.53  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	20.24	38.85	27.63		0.13		0.08	0.18	1.02	0.74	0.12
10.	18.69	39.07	28.22	7.22	0.08	0.06	0.14	0.20	1.02	0.71	0.07
25.	16.75	38.97	28.83	7.95		0.03	0.15	0.22	0.97	0.72	0.03
50.	16.35	38.95	28.71	7.86	0.11	0.06	0.09	0.09	0.97	0.71	0.10
75.	16.25	38.96	28.74	7.59	0.11	0.03	0.18	0.73	1.02	0.52	0.25
100.	16.20	38.96	28.75	7.39	0.10	0.03	0.14	0.70	1.08	0.67	0.16
125.	16.15	38.96	28.76	7.26	0.10	0.07	0.11	0.69	1.08	0.67	0.12
150.	16.19	38.97	28.77	7.27	0.10	0.03	0.11	0.69	1.08	0.63	
200.	16.03	38.98	28.81	7.14	0.07	0.03	0.11	0.87	1.25	0.60	
250.	15.80	39.00	28.88	7.05	0.18	0.07	0.10	1.18	1.48	0.60	
300.	15.45	38.99	28.98	6.84	0.11	0.07	0.10	2.01	2.33	0.58	
400.	14.80	38.90	29.09	6.10	0.18	0.11	0.10	4.64	4.83	0.45	
500.	14.11	38.81	29.13	5.76	0.15	0.11	0.09	5.67	7.27	0.63	
750.					0.09	0.11	0.10	5.75	9.54	0.38	
1000.					0.07	0.11	0.16	6.23	10.91	0.38	

STATION NUMBER: 54  
 TOTAL DEPTH: 2400.0 m.  
 PLACE:  
 DATE: 08-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 19:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31.15'  
 LATITUDE: 35.45'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 8.4  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 2.29  
 SD/PH:  
 SW/PH: 0.38  
 FC/0m. †  
 FC/2m. †

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-B
								+	NO2-N			
0.	20.53	38.84	27.56	8.68	0.16	0.03	0.10	0.10	1.25	0.81	0.07	
10.	18.74	39.11	28.23	8.84	0.04	0.08	0.10	0.10	1.25	6.78	0.11	
25.	17.34	38.97	28.48	8.96	0.14	0.08	0.10	0.10	1.08	0.83	0.12	
50.	18.49	38.88	28.70	8.76	0.23	0.08	0.10	0.10	1.08	0.82	0.04	
75.	16.13	38.97	28.78	8.21	0.08	0.11	0.10	0.10	1.25	0.82	0.12	
100.	15.97	38.97	28.82	7.97	0.13	0.08	0.17	0.50	1.14	0.73	0.23	
150.	15.64	38.99	28.91	7.74	0.05	0.07	0.12	1.08	1.25	0.67		
200.	15.46	38.99	28.95	7.82	0.10	0.07	0.13	1.13	1.48	0.72		
250.	14.94	38.94	29.04	8.77	0.08	0.07	0.09	1.30	1.67	0.89		
300.	14.49	38.89	29.10	8.35	0.08	0.08	0.11	3.56	3.81	0.88		
400.	14.04	38.82	29.14	8.00	0.17	0.11	0.11	5.49	6.65	0.54		
500.	13.90	38.79	29.15	5.81	0.03	0.11	0.22	8.13				
750.	13.70	38.73	29.18	5.60	0.08	0.17	0.10	6.22	9.15	0.47		

STATION NUMBER: 55	SEASON:	CHARACTER
TOTAL DEPTH: 2500.0 m.	STATION TYPE:	LONGITUDE: 30. 0'
PLACE:		LATITUDE: 35.45'
DATE: 09-05-88	TIME: 05:00	WIND:
BAROMETRIC PRESSURE:	AIR TEMPERATURE:	WIND DIRECTION:
CLOUD:	WAVE STATE:	
SECCHI DISK DEPTH:	VISIBILITY:	
OS:	TR:	TSS: 0.18
SD/Hg:	SD/Cd:	SD/PH:
SW/Hg: 7.1	SW/Cd:	SW/PH: 0.21
SH/Hg:	SH/Cd:	FC/0m.:
BOD-5:		FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	SI	TOC	CHL-a
0.	19.32	38.78	27.83	8.26	0.10	0.06	0.09	0.10	1.19	0.78	
10.	18.67	38.97	28.14	7.41	0.15	0.08	0.09	0.10	1.02	0.72	
25.	17.54	39.01	28.48	7.94	0.18	-11	0.15	0.15	1.38	0.87	
50.	16.05	38.99	28.81	8.17	0.22	0.08	0.12	0.18	1.08	0.78	
75.	15.68	38.99	28.90	7.84	0.04	0.06	0.28	0.92	1.53	0.85	
150.	15.12	38.98	29.02	7.24	0.20	0.08	0.11	1.35	1.87	0.59	
250.	14.58	38.91	29.10	8.63	0.11	0.08	0.12	4.03	4.28	0.53	
350.					0.15	0.11	0.10	5.62	6.93	0.47	
450.					0.08	0.11	0.09	5.92	8.58	8.59	
600.	13.82	38.77	29.16	5.70	0.28	0.03	0.10	0.48	1.31	0.75	



STATION NUMBER: 56  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 09-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 13:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29. 0'  
 LATITUDE: 36.10'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 4.4  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.23  
 SD/PH:  
 SW/PH: 0.45  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	SI	TOC	CHL-a
0.	18.47	40.32	29.23		0.14	0.06	0.12	0.32	1.69	0.71	0.08
10.	18.35	40.27	29.22		0.15	0.07	0.10	0.14	1.81	0.69	0.09
25.	18.13	40.18	29.21		0.08	0.07	0.10	0.15	1.19	0.68	0.08
50.	17.78	40.03	29.18	5.19	0.24	0.08	0.12	0.13	1.13	0.68	0.14
75.	17.42	39.89	29.18	5.47	0.14	0.07	0.16	0.39	1.24	0.68	0.23
100.	17.07	39.74	29.13	5.78	0.08	0.07	0.20	1.43	1.41	0.62	0.17
125.	16.71	39.59	29.11	6.05	0.21	0.11	0.11	1.18	1.52	0.63	0.09
150.	16.38	39.45	29.08	6.34	0.20	0.03	0.18	1.38	1.58	0.61	0.09
200.	15.84	39.15	29.03	6.91	0.31	0.07	0.11	1.69	1.92	0.59	
250.	15.15	39.01	29.04	6.98	0.18	0.08	0.11	2.13	2.43	0.57	
300.	14.67	38.95	29.11	6.61	0.16	0.08	0.09	3.36	2.78	0.55	
400.	14.22	38.89	29.18	6.41	0.11	0.11	0.10	4.90	6.10	0.53	
500.	14.08	38.85	29.17	6.11	0.22	0.07	0.10	5.45	6.78	0.52	
750.	13.63	38.78	29.18	5.70	0.16	0.14	0.09	5.60	7.97	0.46	
1000.	13.73	38.75	29.18	5.52	0.14	0.14	0.10	5.84	9.04	0.45	

STATION NUMBER: K-17  
 TOTAL DEPTH: 20.0 m.  
 PLACE:  
 DATE: 10-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 00:40  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.44'  
 LATITUDE: 36.42'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 20.2  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 4.84  
 SD/PH:  
 SW/PH:  
 FC/0m. :  
 FC/2m. :

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DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N	SI	TOC	CHL-a
								NO2-N			
0.	16.78	37.60	27.56	5.61	0.08	0.03	0.09	8.40	150.9	0.55	
5.	16.51	38.98	28.69	4.99							
10.	16.44	39.02	28.74	6.62							

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STATION NUMBER: K-18  
 TOTAL DEPTH: 30.0 m.  
 PLACE:  
 DATE: 08-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 07:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.42'  
 LATITUDE: 36.53'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 10.8  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 10.84  
 SD/PH:  
 SW/PH: 0.10  
 FC/0m. :  
 FC/2m. :

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DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N	SI	TOC	CHL-a
								NO2-N			
0.	18.65	37.94	27.36		0.38	0.06	0.14	14.18	8.52	0.47	
5.	18.29	38.56	27.93	6.20							
10.	17.78	38.99	28.39	6.14							
15.	17.55	39.13	28.55	5.71							

---

STATION NUMBER: K-20  
 TOTAL DEPTH:  
 PLACE:  
 DATE:  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

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

CHARACTER  
 LONGITUDE: 00:00  
 LATITUDE: 00.00'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 1.1  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 0.08  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	NO2-N			
0.					0.48	0.14	0.18	3.33		8.89	0.61	0.35

STATION NUMBER: K21-1  
 TOTAL DEPTH: 6.0 m.  
 PLACE:  
 DATE: 05-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 23:25  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 4.6  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 5.00  
 SD/PH:  
 SW/PH: 1.01  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	NO2-N			
0.	19.81	34.71	24.64		0.20	0.70	0.79	5.83		15.00	1.53	
5.	18.58	36.44	26.23									

STATION NUMBER: K21-2  
 TOTAL DEPTH: 10.0 m.  
 PLACE:  
 DATE: 05-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 23:45  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 2.4  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 2.8  
 SD/PH:  
 SW/PH: 0.45  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	NO2-N	SI	TOC	CHL-a
0.	18.85	35.96	25.79		0.10	1.72	0.88	7.81		14.03	1.30	
5.	19.19	37.14	26.61									

STATION NUMBER: K-22  
 TOTAL DEPTH: 10.0 m.  
 PLACE:  
 DATE: 05-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 21:18  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 5.38  
 SD/PH:  
 SW/PH:  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	NO2-N	SI	TOC	CHL-a
0.	19.14	35.79	25.59	7.78	1.28	0.28	0.37	20.22		-11	0.89	
5.	18.41	37.90	27.39	7.81								
7.	18.41	37.98	27.39	7.81								0.58

STATION NUMBER: K-23  
 TOTAL DEPTH:  
 PLACE:  
 DATE:  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

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

CHARACTER  
 LONGITUDE:00.00'  
 LATITUDE:00.00'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:4.0  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:2.13  
 SD/PH:  
 SW/PH:1.13  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	NO2-N			
0.					0.38	0.98	0.09	0.29		0.23	0.79	
5.												2.31

STATION NUMBER:K-24 :  
 TOTAL DEPTH:  
 PLACE:  
 DATE:  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

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

CHARACTER  
 LONGITUDE:00:00  
 LATITUDE:00:00  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:8.4  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:3.52  
 SD/PH:  
 SW/PH:13.22  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	NO2-N			
0.						1.63	0.15	3.05		0.51	1.38	

STATION NUMBER: K-25  
 TOTAL DEPTH: .0 m.  
 PLACE:  
 DATE: 05-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 11:23  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 4.0  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 2.22  
 SD/PH:  
 SW/PH: 1.41  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	-			
0.	19.82	37.84	28.83				0.38	12.15	0.80	1.41		

STATION NUMBER: K-26  
 TOTAL DEPTH: 15.0 m.  
 PLACE:  
 DATE: 05-05-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 08:45  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 4.1  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 3.07  
 SD/PH:  
 SW/PH: 2.87  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		SI	TOC	CHL-a
								+	-			
0.	20.39	36.88	25.94		0.72	0.26	0.17	1.29	0.23	1.18	6.15	
5.	20.01	37.07	26.34	7.71								
10.	19.35	37.55	26.88	8.70								







STATION NUMBER: A-23  
 TOTAL DEPTH: 97.0 m.  
 PLACE:  
 DATE: 13-07-88  
 BAROMETRIC PRESSURE: 1013  
 CLOUD: b  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 09:45  
 AIR TEMPERATURE:  
 WAVE STATE: 2  
 VISIBILITY: 7

CHARACTER  
 LONGITUDE: 28.20°  
 LATITUDE: 36.45°  
 WIND: 3  
 WIND DIRECTION: M

OS: ND  
 SD/Hg:  
 SW/Hg: 9.2  
 SM/Hg:  
 BOD-5:

TR: 0.59  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.41  
 SD/PH:  
 SW/PH: 0.48  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	24.35	38.96	26.54	6.69	0.20	0.22		0.15		1.75	0.74	
5.	24.32	38.96	26.55	6.69								
10.	24.06	38.96	26.63	6.72								
15.	21.76	38.97	27.31	6.98	0.15	0.22		0.43		1.65	0.75	
20.	20.94	38.95	27.53	7.20								
25.	20.44	38.94	27.65	7.26	0.15	0.17		0.21		1.83	0.73	
30.	19.86	38.95	27.82	7.32								
40.	18.96	38.97	28.07	7.41								
50.	18.20	38.98	28.28	7.41	0.22	0.17		0.36		1.79	0.69	
60.	17.76	38.98	28.38	7.36								
70.	17.27	38.98	28.51	7.32								
75.	17.14	38.98	28.54	7.27	0.96	0.15		0.29		1.34		
80.	16.99	38.98	28.58	7.22								

STATION NUMBER: A-25  
 TOTAL DEPTH: 100.0 m.  
 PLACE:  
 DATE: 13-07-88  
 BAROMETRIC PRESSURE: 1013  
 CLOUD: b  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 13:50  
 AIR TEMPERATURE:  
 WAVE STATE: 2  
 VISIBILITY: 7

CHARACTER  
 LONGITUDE: 28.27'  
 LATITUDE: 36.46'  
 WIND: 1  
 WIND DIRECTION: M

OS: NO  
 SD/Hg:  
 SW/Hg: 8.8  
 SM/Hg:  
 BOD-5:

TR: -11  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 COD: 1.65

TSS: 2.00  
 SD/PH:  
 SW/PH: 0.44  
 FC/0m.: 0  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	25.23	38.95	26.27	6.68	0.26	0.15		0.19	1.59	0.82	0.08	
5.	24.81	38.97	26.40	6.73								
10.	23.70	38.94	26.72	6.85								
15.	22.18	39.00	27.21	7.07	0.10	0.15		0.18	1.43	0.80	0.09	
20.	20.93	38.97	27.55	7.32								
25.	20.24	38.97	27.73	7.45	0.34	0.16		0.23	1.44	0.79	0.09	
30.	19.75	38.97	27.86	7.53								
40.	18.98	38.97	28.07	7.60								
50.	18.31	38.98	28.25	7.60	0.31	0.17		0.25	1.36	0.77	0.05	
60.	17.79	38.98	28.38	7.59								
70.	17.39	38.98	28.48	7.51								
75.	17.09	38.99	28.56	7.51	0.07	0.16		0.22	1.18	0.74	0.19	
80.	16.96	38.98	28.59	7.46								
90.	16.72	38.98	28.65	7.38								
100.	16.72	38.98	28.65	7.38	0.39	0.14		0.29	1.26	0.73	0.09	

STATION NUMBER: A-26  
 TOTAL DEPTH: 90.0 m.  
 PLACE:  
 DATE: 13-07-88  
 BAROMETRIC PRESSURE: 1013  
 CLOUD: b  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 12:40  
 AIR TEMPERATURE:  
 WAVE STATE: 2  
 VISIBILITY: 7

CHARACTER  
 LONGITUDE: 28.23°  
 LATITUDE: 36.46°  
 WIND: 1  
 WIND DIRECTION: M

OS: NO  
 SD/Hg:  
 SW/Hg: 6.9  
 SM/Hg:  
 BOD-5:

TR: -11  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 1.07  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	24.12	39.03	26.66	6.87	0.07	0.17		0.17	1.57	0.74	
5.	23.91	39.03	26.73	6.92							
10.	23.25	39.00	26.90	6.99							
15.	22.85	38.97	26.99	7.04	0.23	0.19		0.19	1.71	0.76	
20.	21.48	38.93	27.36	7.19							
25.	21.10	38.93	27.47	7.33	0.13	0.20		0.17	1.40	0.72	
30.	20.20	38.97	27.74	7.42							
40.	19.03	38.99	28.07	7.53							
50.	18.02	38.99	28.33	7.59	0.12	0.16		0.22	1.22	0.73	
60.	17.74	38.98	28.39	7.54							
70.	17.42	38.98	28.47	7.42							
75.	17.16	38.98	28.54	7.44	0.10	0.15		0.21	1.35	0.70	
80.	17.11	38.98	28.55	7.36							

STATION NUMBER: A-27  
 TOTAL DEPTH: 117.0 m.  
 PLACE:  
 DATE: 13-07-88  
 BAROMETRIC PRESSURE: 1013  
 CLOUD: b  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 18:40  
 AIR TEMPERATURE:  
 WAVE STATE: 2  
 VISIBILITY: 7

CHARACTER  
 LONGITUDE: 28.44'  
 LATITUDE: 36.42'  
 WIND: 1  
 WIND DIRECTION: M

OS: NO  
 SD/Hg:  
 SW/Hg: 5.01  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.35  
 SD/PH:  
 SW/PH: 0.36  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	27.19	38.87	25.58	8.42	0.15	0.17		0.17	3.28	0.80	
5.	27.14	38.87	25.59	8.43							
10.	25.80	38.91	26.05	8.56							
15.	24.84	38.90	26.34	8.78	0.13	0.18		0.17	1.53	0.78	
20.	23.60	38.91	26.73	8.97							
25.	22.71	38.91	26.99	9.14	0.04	0.15		0.17	1.60	0.81	
30.	22.06	38.92	27.19	9.18							
40.	20.40	38.96	27.68	9.35							
50.	19.13	38.98	28.04	9.43	0.13	0.16		0.18	1.36	0.74	
60.	18.35	38.98	28.24	9.37							
70.	17.47	38.99	28.47	9.28							
75.	17.28	39.00	28.52	9.14	0.20	0.14		0.21	1.53	0.70	
80.	16.99	39.00	28.59	9.10							
90.	16.68	39.00	28.67	8.91							
100.	16.55	38.99	28.70	8.75	0.05	0.16		0.38	1.62	0.68	

STATION NUMBER: A-28  
 TOTAL DEPTH: 70.0 m.  
 PLACE:  
 DATE: 13-07-88  
 BAROMETRIC PRESSURE: 1013  
 CLOUD: 8  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 19:40  
 AIR TEMPERATURE:  
 WAVE STATE: 2  
 VISIBILITY: 7

CHARACTER  
 LONGITUDE: 29. 4'  
 LATITUDE: 36.39'  
 WIND: 1  
 WIND DIRECTION: N

OS: NO  
 SD/Hg:  
 SW/Hg: 1.2  
 SM/Hg:  
 BOD-5:

TR: -11  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 COD: 0.45

TSS: 0.73  
 SD/PH:  
 SW/PH: 1.41  
 FC/0m.: 0  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-H		Si	TOC	CHL-a
								+	H02-H			
0.	27.04	38.82	25.59	7.05	0.60	0.16		0.31	3.08	0.92		
5.	27.04	38.82	25.59	7.08								
10.	26.97	38.82	25.61	7.07								
15.	24.52	38.91	26.45	7.33	0.09	0.19		0.28	2.02	0.63		
20.	23.69	38.89	26.68	7.63								
25.	22.84	38.91	26.95	7.74	0.23	0.20		0.19	2.66	0.80		
30.	22.17	38.91	27.15	7.78								
40.	20.62	38.95	27.62	7.83								
50.	19.36	38.97	27.96	7.89	0.10	0.17		0.21	1.46	0.77		
60.	18.13	38.99	28.30	7.95								
75.	17.28	38.99	28.51	7.88	0.24	0.17		0.24	1.46	0.79		

STATION NUMBER: A-29  
 TOTAL DEPTH: 500.0 m.  
 PLACE:  
 DATE: 13-07-88  
 BAROMETRIC PRESSURE: 1013  
 CLOUD: b  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 20:38  
 AIR TEMPERATURE:  
 WAVE STATE: 2  
 VISIBILITY: 7

CHARACTER  
 LONGITUDE: 28.59'  
 LATITUDE: 36.34'  
 WIND: 1  
 WIND DIRECTION: M

OS: NO  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.54  
 SD/PH:  
 SW/PH: 1.51  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	26.56	38.79	25.72	6.48	0.05	0.16		0.15	1.38	0.84	0.08
5.	26.37	38.81	25.79	6.48							
10.	25.17	38.85	26.20	6.62							
15.	24.00	38.89	26.59	6.75	0.13	0.15		0.17	1.38	0.80	0.15
20.	23.30	38.91	26.81	6.88							
25.	22.21	38.99	27.20	7.00	0.21	0.14		0.17	1.63	0.82	0.07
30.	21.60	38.92	27.32	7.09							
40.	20.05	38.94	27.76	7.29							
50.	19.09	38.97	28.04	7.37	0.32	0.17		0.16	1.48	0.78	
60.	17.64	39.00	28.43	7.45							
70.	17.09	38.99	28.56	7.39							
75.	16.82	38.99	28.63	7.37	0.31	0.15		0.15	1.18	0.74	0.16
80.	16.67	38.99	28.66	7.31							
90.	16.54	38.99	28.69	7.20							
100.	16.38	38.99	28.74	7.13	0.07	0.16		0.42	1.30	0.74	
125.	16.06	38.99	28.81	6.92							
150.	15.87	38.99	28.86	6.77	0.15	0.16		1.10	1.55	0.69	0.09
200.	15.60	38.99	28.92	6.54	0.13	0.15		1.56	1.90	0.68	0.04
250.	15.14	38.96	29.01	6.38	0.06	0.17		2.75	3.19	0.64	
300.	14.81	38.93	29.06	6.17	0.05	0.22		3.35	3.85	0.68	
400.	14.17	38.83	29.13	5.86	0.06	0.31		5.07	6.37	0.56	
500.	13.93	38.78	29.14	5.67	0.22	0.35		5.77	7.85	0.55	

STATION NUMBER: A-30  
 TOTAL DEPTH: 1050.0 m.  
 PLACE:  
 DATE: 23-07-88  
 BAROMETRIC PRESSURE: 1011.5  
 CLOUD: bc  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 09:05  
 AIR TEMPERATURE:  
 WAVE STATE: 2  
 VISIBILITY: 6

CHARACTER  
 LONGITUDE: 30.40°  
 LATITUDE: 36.20°  
 WIND: 4  
 WIND DIRECTION: NE

OS: NO  
 SD/Hg:  
 SW/Hg: 4.0  
 SM/Hg:  
 ROD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 COD: 0.40

TSS: 0.28  
 SD/PH:  
 SW/PH: 0.39  
 FC/0m.: 0  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	28.23	38.84	25.21	7.04	0.06	0.18		0.31	1.66	0.98	
5.	28.20	38.84	25.23	7.06							
10.	27.84	38.86	25.35	7.10							
15.	27.21	39.02	25.68	7.19	0.22	0.14		0.23	1.60	1.02	
20.	25.81	38.94	26.08	7.35							
25.	25.38	38.97	26.23	7.44	0.20	0.13		0.17	1.77	1.00	
30.	24.16	39.04	26.66	7.53							
40.	22.31	39.03	27.20	7.74							
50.	19.40	38.98	27.96	8.09	0.08	0.13		0.18	1.42	0.84	
60.	18.52	38.97	28.19	8.03							
70.	17.33	38.99	28.51	8.01							
75.	16.98	38.98	28.58	7.98	0.14	0.12		0.17	1.44	0.81	
80.	16.91	38.97	28.59	7.88							
90.	16.75	38.97	28.63	7.79							
100.	16.55	38.98	28.69	7.67	0.04	0.14		0.18	1.31	0.85	
125.	16.26	38.98	28.76	7.40							
150.	16.17	38.98	28.78	7.09	0.09	0.13		0.76	1.37	0.80	
200.	15.91	38.99	28.85	6.94	0.06	0.14		1.79	2.13	0.77	
250.	15.65	39.00	28.92	6.71	0.09	0.15		1.64	2.94	0.66	
300.	15.34	38.98	28.98	6.51	0.15	0.18		2.21	2.82	0.69	
400.	14.53	38.89	29.09	6.08	0.08	0.25		4.32	4.18	0.71	
500.	14.00	38.78	29.13	5.65							
600.	13.77	38.73	29.14	5.47							
700.	13.70	38.71	29.14	5.47							
750.	13.70	38.71	29.15	5.45							
800.	13.66	38.69	29.15	5.44							
900.	13.61	38.68	29.15	5.42							
975.	13.59	38.67	29.15	5.44							
1000.	13.58	38.67	29.15	5.48							

STATION NUMBER: A-31	SEASON:	
TOTAL DEPTH: 780.0 m.	STATION TYPE: C	
PLACE:		CHARACTER
DATE: 23-07-88	TIME: 07:10	LONGITUDE: 30.40'
BAROMETRIC PRESSURE: 1011	AIR TEMPERATURE:	LATITUDE: 36.30'
CLOUD: bc	WAVE STATE: 1	WIND: 0
SECCHI DISK DEPTH:	VISIBILITY: 6	WIND DIRECTION: 0
OS: NO	TR: -11	TSS: 0.17
SD/Hg:	SD/Cd:	SD/PH:
SW/Hg: 9.9	SW/Cd:	SW/FH: 0.31
SM/Hg:	SM/Cd:	FC/0m.: 0
BOD-5:	COD: 0.35	FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	28.63	39.03	25.22	6.50	0.05	0.16		0.17	1.29	0.88		
5.	28.63	39.03	25.22	6.48								
10.	28.63	39.03	25.22	6.47								
15.	27.56	39.01	25.57	6.57	0.04	0.16		0.24	1.22	0.94		
20.	26.10	39.05	26.07	6.74								
25.	24.44	39.04	26.57	7.00	0.04	0.16		0.17	1.33	0.78		
30.	22.87	39.09	27.08	7.19								
40.	20.24	38.96	27.73	7.51								
50.	18.69	38.97	28.14	7.70	0.04	0.16		0.19	1.26	0.72		
60.	17.89	38.97	28.35	7.69								
70.	17.26	38.97	28.51	7.57								
75.	17.17	38.97	28.53	7.53	0.20	0.15		0.19	2.68	0.77		
80.	16.99	38.98	28.58	7.50								
90.	16.87	38.97	28.60	7.39								
100.	16.76	38.97	28.63	7.30	0.18	0.14		0.34	1.26	0.69		
125.	16.46	38.97	28.70	7.17								
150.	16.18	38.98	28.77	6.99	0.04	0.15		0.43	1.39	0.69		
200.	15.87	38.99	28.86	6.71	-11	0.16		1.39	3.12	0.63		
250.	15.58	38.99	28.93	6.56	0.03	0.16		1.81		0.61		
300.	15.03	38.94	29.02	6.23	0.04	0.22		3.70	6.75	0.58		
400.	14.21	38.82	29.11	5.75	0.02	0.33		6.14	10.20	0.52		
500.	13.86	38.75	29.13	5.55								



STATION NUMBER: A32-1  
 TOTAL DEPTH: 320.0 m.  
 PLACE:  
 DATE: 23-07-88  
 BAROMETRIC PRESSURE: 1011  
 CLOUD: bc  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 03:15  
 AIR TEMPERATURE:  
 WAVE STATE: 1  
 VISIBILITY: 5

CHARACTER  
 LONGITUDE: 30.45°  
 LATITUDE: 36.50°  
 WIND: 2  
 WIND DIRECTION: NW

OS: NO  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 COD: 1.16

TSS: 1.17  
 SD/PH:  
 SW/PH: 2.53  
 FC/0m.: 0  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	29.09	38.51	24.68	6.51	0.13	0.13		0.60	1.65	0.68		
5.	29.20	38.58	24.69	6.49								
10.	28.40	38.91	25.21	6.58								
15.	26.75	39.03	25.84	6.72	0.06	0.16		0.89	1.65	0.87		
20.	25.98	39.04	26.09	6.77								
25.	24.69	39.05	26.51	6.92	0.07	0.15		0.18	1.28	0.64		
30.	24.06	39.04	26.69	6.98								
40.	22.52	39.01	27.12	7.15								
50.	21.84	38.97	27.29	7.18	0.17	0.15		0.18	1.32	0.81		
60.	19.61	38.96	27.90	7.35								
70.	18.67	38.93	28.12	7.48								
75.	18.31	38.93	28.21	7.51	-11	0.16		0.18	1.28	0.80		
80.	17.94	38.95	28.32	7.46								
90.	17.56	38.95	28.42	7.39								
100.	17.10	38.96	28.54	7.25	0.06	0.16		0.24	1.46	0.79		
125.	16.42	38.97	28.72	7.04								
150.	16.21	38.98	28.77	6.89		0.17		0.95	1.51	0.70		
200.	15.81	38.99	28.87	6.68	0.04	0.15		1.52	1.58	0.66		
250.	15.48	38.98	28.94	6.47	0.11	0.16		2.14	2.30	0.66		

STATION NUMBER: A32-2  
 TOTAL DEPTH: 600.0 m.  
 PLACE:  
 DATE: 23-07-88  
 BAROMETRIC PRESSURE: 1011  
 CLOUD: bc  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 05:15  
 AIR TEMPERATURE:  
 WAVE STATE: 1  
 VISIBILITY: 5

CHARACTER  
 LONGITUDE: 30.40'  
 LATITUDE: 36.40'  
 WIND: 2  
 WIND DIRECTION: NW

OS: HO  
 SD/Hg:  
 SW/Hg: 2.0  
 SM/Hg:  
 BOD-5:

TR: -11  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 COD: 0.26

TSS: 0.15  
 SD/PH:  
 SW/PH: 0.13  
 FC/0m.: 0  
 FC/2m.:

DEPTH	T	S	ST-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.53	38.95	25.20	5.84	-11			0.16		1.31	0.90	
5.	28.52	38.95	25.20	6.18								
10.	28.49	38.95	25.21	6.41								
15.	27.59	38.95	25.51	6.53	0.09	0.15		0.16			0.91	
20.	26.27	39.01	25.98	6.68								
25.	24.97	39.02	26.40	6.87	0.05	0.15		0.15	1.75		0.86	
30.	23.45	39.04	26.87	7.12								
40.	21.27	39.04	27.50	7.37								
50.	18.89	38.99	28.11	7.51	0.12	0.16		0.19	1.69		0.83	
60.	18.08	38.99	28.31	7.61								
70.	17.60	38.97	28.42	7.60								
75.	17.36	38.98	28.49	7.56	0.04	0.16		0.17	1.52		0.78	
80.	17.14	38.98	28.54	7.52								
90.	16.88	38.97	28.60	7.43								
100.	16.67	38.97	28.65	7.33	0.05	0.16		0.16	1.52		0.78	
125.	16.37	38.97	28.72	7.10								
150.	16.15	38.98	28.78	6.92	0.15	0.16		0.59	1.61		0.74	
200.	15.74	38.99	28.89	6.68	0.07	0.17		1.69	2.07		0.72	
250.	15.44	38.98	28.96	6.50	0.04	0.19		1.68	2.23		0.67	
300.	14.93	38.93	29.04	6.14	0.16	0.25		3.97	4.05		0.62	
400.	14.25	38.83	29.11	5.72	0.05	0.33		6.01			0.57	
500.	13.87	38.75	29.13	5.53	0.29	0.36		6.65	10.14		0.60	

STATION NUMBER: A-33  
 TOTAL DEPTH: 200.0 m.  
 PLACE:  
 DATE: 22-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 19:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 32. 0'  
 LATITUDE: 36.30'  
 WIND:  
 WIND DIRECTION:

OS: NO  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 0.60  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	PH	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	27.76	39.01	25.49	6.63	0.05	0.13		0.58	1.43	0.83	
5.	27.55	39.02	25.57	6.65							
10.	26.69	39.01	25.84	6.72							
15.	26.53	39.00	25.89	6.79	0.17	0.16		0.19	1.27	0.83	
20.	26.04	39.02	26.06	6.80							
25.	25.27	39.01	26.30	6.89	-11	0.15		0.19	1.33	0.77	
30.	24.76	39.02	26.46	6.94							
40.	22.58	39.02	27.12	7.14							
50.	20.78	39.00	27.61	7.34	0.22	0.15		0.19	1.50	0.75	
60.	18.72	38.96	28.13	7.55							
70.	18.01	38.95	28.30	7.57							
75.	17.47	38.96	28.45	7.57	0.10	0.14		0.20	1.09	0.74	
80.	17.02	38.97	28.57	7.52							
90.	16.82	38.97	28.61	7.41							
100.	16.71	38.96	28.63	7.32	0.03	0.14		0.18	1.08	0.70	
125.	16.36	38.97	28.72	7.10							
150.	16.21	38.96	28.76	6.94	0.02	0.14		0.50	1.15	0.62	
200.	15.83	38.99	28.87	6.70		0.14		1.22	1.33	0.61	
250.	15.40	38.97	28.96	6.47	0.04	0.17		1.90	1.88	0.62	
300.	15.05	38.94	29.02	6.22	0.13	0.21		3.18	2.80	0.57	
400.	14.14	38.80	29.11	5.70	0.04	0.32		5.99	6.17	0.50	
500.	13.90	38.76	29.13	5.54	0.04	0.36		6.67	7.92	0.42	

STATION NUMBER: A-34  
 TOTAL DEPTH: 55.0 m.  
 PLACE:  
 DATE: 29-07-88  
 BAROMETRIC PRESSURE: 1006  
 CLOUD: bc  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 16:30  
 AIR TEMPERATURE:  
 WAVE STATE: 4  
 VISIBILITY: 5

CHARACTER  
 LONGITUDE: 35.30'  
 LATITUDE: 36.42'  
 WIND: 5  
 WIND DIRECTION: SW

OS: NO  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 COD: 1.05

TSS: 1.50  
 SD/PH:  
 SW/PH: 0.26  
 FC/0m.: 0  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	28.85	38.82	24.99	6.69	0.12	0.13		0.13		0.85	
5.	28.81	38.84	25.02	6.70							
10.	28.40	39.10	25.35	6.72							
15.	28.32	39.08	25.36	6.75	0.10	0.13		0.14	1.16	0.76	
20.	28.27	39.09	25.39	6.73							
25.	28.21	39.13	25.44	6.77	0.05	0.17		0.11	1.18	0.76	
30.	28.16	39.19	25.50	6.79							
40.	25.75	38.89	26.05	7.06							
50.					0.29	0.17		0.16		0.88	

STATION NUMBER: A-35  
 TOTAL DEPTH: 60.0 m.  
 PLACE:  
 DATE: 29-07-88  
 BAROMETRIC PRESSURE: 1006.5  
 CLOUD: bcn  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 12:00  
 AIR TEMPERATURE:  
 WAVE STATE: 3  
 VISIBILITY: 5

CHARACTER  
 LONGITUDE: 35.44'  
 LATITUDE: 36.55'  
 WIND: 5  
 WIND DIRECTION: SW

OS: NO  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 BOD-5:

TR: 0.55  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 COD: 1.00

TSS: 1.95  
 SD/PH:  
 SW/PH: 1.55  
 FC/0m.: 0  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	29.18	38.20	24.41	6.29	0.20	0.57		0.10	1.58	0.98	
5.	29.18	38.20	24.42	6.32							
10.	29.09	38.26	24.49	6.37							
15.	28.29	38.93	25.26	6.45	0.15	0.19		0.11	1.09	0.81	
20.	27.73	38.94	25.45	6.56							
25.	27.62	39.10	25.61	6.51	0.10	0.16		0.09	3.26	0.78	
30.	26.65	38.96	25.82	6.56							
40.	25.45	38.81	26.09	6.62							
50.	24.29	38.87	26.49	6.61	0.15	0.29		0.10	3.81	0.79	

STATION NUMBER: A-36  
 TOTAL DEPTH: 63.0 m.  
 PLACE:  
 DATE: 29-07-88  
 BAROMETRIC PRESSURE: 1006  
 CLOUD: c  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 07:55  
 AIR TEMPERATURE:  
 WAVE STATE: 3  
 VISIBILITY: 5

CHARACTER  
 LONGITUDE: 35.45'  
 LATITUDE: 36.33'  
 WIND: 4  
 WIND DIRECTION: SW

OS: NO  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 BOD-5:

TR: -11  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 1.65  
 SD/PH:  
 SW/PH: 6.22  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	29.13	38.09	24.34	6.10	0.13	0.17		0.09		1.07	0.96	
5.	29.13	38.09	24.34	6.10								
10.	29.13	38.09	24.34	6.07								
15.	29.11	38.10	24.36	6.10	0.12	0.21		0.10		0.85	0.99	
20.	28.35	38.76	25.12	6.16								
25.	28.11	39.10	25.45	6.20	-11	0.15		0.10		1.55	0.79	
30.	27.29	39.02	25.66	6.31								
40.	26.76	39.15	25.93	6.36								
50.	25.36	38.99	26.25	6.50	0.07	0.23		0.12		2.10	0.77	
60.	22.83	38.97	27.01	6.67								

STATION NUMBER: A-37  
 TOTAL DEPTH: 81.0 m.  
 PLACE:  
 DATE: 29-07-88  
 BAROMETRIC PRESSURE: 1006  
 CLOUD: bc  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 05:40  
 AIR TEMPERATURE:  
 WAVE STATE: 4  
 VISIBILITY: 6

CHARACTER  
 LONGITUDE: 35.30'  
 LATITUDE: 36.21'  
 WIND: 4  
 WIND DIRECTION: SW

OS: NO  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 BOD-5:

TR: 0.12  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 1.45  
 SD/PH:  
 SW/PH:  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.50	39.24	25.42	6.08	0.06	0.14		0.12		1.56	0.78	
5.	28.50	39.24	25.42	6.09								
10.	28.51	39.24	25.42	6.12								
15.	28.51	39.24	25.42	6.13	0.04	0.15		0.12		1.13	0.76	
20.	28.37	39.23	25.46	6.16								
25.	28.11	39.20	25.53	6.21		0.14		0.12		1.30	0.78	
30.	28.04	39.19	25.54	6.23								
40.	27.89	39.19	25.59	6.22								
50.	27.32	39.18	25.77	6.25	0.04	0.15		0.09		1.34	0.78	
60.	25.26	39.15	26.41	6.43								
70.	22.64	39.02	27.10	6.76								
75.	20.92	39.03	27.60	6.96	0.09	0.15		0.09		1.05	0.73	
80.	19.41	39.04	28.01	7.17								

STATION NUMBER: A-36  
 TOTAL DEPTH: 65.0 m.  
 PLACE:  
 DATE: 29-07-88  
 BAROMETRIC PRESSURE: 1006  
 CLOUD: bc  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: C  
 TIME: 22:05  
 AIR TEMPERATURE:  
 WAVE STATE: 4  
 VISIBILITY: 6

CHARACTER  
 LONGITUDE: 35.25'  
 LATITUDE: 36.30'  
 WIND: 4  
 WIND DIRECTION: HW

OS: NO  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 BOD-5:

TR: -11  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 2.25  
 SD/PH:  
 SW/PH: 0.26  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	H02-N			
0.	28.72	39.23	25.34	6.48	0.16	0.15		0.23	0.88	0.94		
5.	28.72	39.23	25.34	6.50								
10.	28.72	39.23	25.34	6.50								
15.	28.55	39.22	25.39	6.50								
20.	28.26	39.19	25.47	6.56								
25.	28.17	39.21	25.51	6.55								
30.	28.01	39.20	25.56	6.57								
40.	27.64	39.17	25.66	6.54								
50.	26.82	39.17	25.92	6.61								

STATION NUMBER: G30K30  
 TOTAL DEPTH: 950.0 m.  
 PLACE:  
 DATE: 14-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

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

CHARACTER  
 LONGITUDE: 28.30°  
 LATITUDE: 36.30°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 5.7  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.25  
 SD/PH:  
 SW/PH: 1.70  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	24.93	38.91	26.32	6.33	0.05	0.13		0.18	1.46	0.45	0.04	
5.	24.83	38.93	26.37	6.36								
10.	24.23	38.91	26.54	6.44								
15.	23.21	39.02	26.92	6.60	0.19	0.15		0.25	1.34	0.43		
20.	21.50	39.01	27.41	6.83								
25.	19.25	39.01	28.03	7.14	0.22	0.17		0.23	1.36	0.44		
30.	18.40	39.02	28.25	7.28								
40.	17.73	38.99	28.41	7.30								
50.	17.08	38.99	28.57	7.26	0.04	0.18		0.21	1.53	0.49		
60.	16.68	38.99	28.66	7.11								
70.	16.53	38.99	28.70	7.00								
75.	16.46	38.99	28.71	6.96	0.15	0.17		0.26	1.30	0.56		
80.	16.40	38.98	28.73	6.96								
90.	16.27	38.99	28.76	6.88								
100.	16.20	38.99	28.78	6.79	0.08	0.17		0.32	1.28	0.56		
125.	16.06	38.99	28.81	6.68								
150.	15.89	38.99	28.86	6.60	0.20	0.14		0.87	1.94	0.53		
153.					0.05	0.18		1.20	1.75	0.51		
190.					0.18	0.20		1.93	2.41	0.18		
200.	15.54	38.99	28.93	6.46								
212.					0.25	0.29		3.75	3.92	0.22		
250.	15.12	38.97	29.02	6.26								
300.	14.84	38.93	29.06	6.03								
350.					0.08	0.31		4.48	4.99	0.10		
400.	14.39	38.88	29.12	5.90								
500.	14.13	38.83	29.14	5.71								
525.					0.04	0.36		5.73	6.94	0.15		
600.	13.99	38.80	29.15	5.65								
700.	13.89	38.77	29.15	5.60								
750.	13.87	38.76	29.15	5.58								
800.	13.84	38.75	29.15	5.58								
900.	13.68	38.71	29.15	5.49								

STATION NUMBER: G15K30  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE: 14-07-68  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 03:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.29'  
 LATITUDE: 36.15'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.78  
 SD/PH:  
 SW/PH: 0.94  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-H	Si	TOC	CHL-a
								+ NO2-N			
0.	25.95	39.02	26.09	6.32	0.07	0.16	0.32	1.65	0.70		
5.	25.75	39.04	26.16	6.33							
10.	25.54	39.05	26.24	6.34							
15.	23.31	39.15	27.00	6.59							
20.	21.35	39.14	27.56	6.84							
25.	20.09	39.09	27.87	7.14							
30.	19.17	39.07	28.09	7.29							
40.	17.56	39.04	28.48	7.53							
50.	16.70	39.04	28.69	7.57							
60.	16.14	39.02	28.81	7.48							
70.	15.77	39.00	28.89	7.35							
75.	15.66	39.00	28.91	7.26							
80.	15.58	39.00	28.93	7.14							
90.	15.38	38.99	28.97	7.02							
100.	15.26	38.99	28.99	6.77							
125.	15.06	38.97	29.03	6.55							
150.	14.94	38.96	29.05	6.46							
200.	14.60	38.92	29.09	6.22							
250.	14.34	38.86	29.11	5.98							
300.	14.28	38.86	29.12	5.91							
400.	14.16	38.84	29.14	5.84							
500.	13.98	38.80	29.15	5.67							
600.	13.89	38.77	29.15	5.63							
700.	13.84	38.76	29.15	5.58							
750.	13.82	38.75	29.15	5.58							
800.	13.82	38.75	29.15	5.57							
900.	13.76	38.73	29.15	5.57							
975.	13.73	38.72	29.16	5.57							
1000.	13.71	38.71	29.16	5.55							



STATION NUMBER: GOOK30  
 TOTAL DEPTH: 4100.0 m.  
 PLACE:  
 DATE: 14-07-88  
 BAROMETRIC PRESSURE: 1013  
 CLOUD: bc  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: R  
 TIME: 05:55  
 AIR TEMPERATURE:  
 WAVE STATE: 3  
 VISIBILITY: 6

CHARACTER  
 LONGITUDE: 28.30°  
 LATITUDE: 36. 0°  
 WIND: 3  
 WIND DIRECTION: W-NW

OS: HD  
 SD/Hg:  
 SW/Hg: 3.5  
 SM/Hg:  
 BOD-5:

TR: 0.19  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 1.22  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	25.47	39.16	26.34	6.28	0.29	0.14		0.20	1.38	0.65		
5.	25.34	39.17	26.39	6.30								
10.	25.22	39.15	26.42	6.31								
15.	25.20	39.15	26.42	6.30	0.18	0.14		0.23	1.34	0.67		
20.	25.18	39.15	26.43	6.32								
25.	23.59	39.18	26.93	6.48	0.04	0.13		0.25	1.59	0.64		
30.	21.32	39.16	27.58	6.77								
40.	17.66	39.09	28.50	7.47								
50.	16.64	39.04	28.71	7.56	0.08	0.12		0.31	1.40	0.66		
60.	16.18	39.02	28.80	7.39								
70.	15.55	38.99	28.93	7.39								
75.	15.31	38.99	28.98	7.25	0.08	0.13		0.35	2.14	0.55		
80.	15.27	38.99	28.99	7.08								
90.	15.14	38.98	29.02	6.77								
100.	15.05	38.97	29.03	6.65	0.06	0.14		1.70	2.78	0.49		
125.	14.66	38.92	29.08	6.42								
150.	14.51	38.90	29.10	6.27	0.05	0.26		4.30	4.66	0.45		
200.	14.33	38.87	29.12	6.13	0.20	0.30		4.85	5.48	0.42		
250.	14.23	38.85	29.13	6.05	0.06	0.32		4.99	5.87	0.42		
300.	14.16	38.85	29.14	5.92	0.10	0.29		5.04	6.04	0.40		
400.	14.06	38.82	29.14	5.78	0.04	0.26		4.65	5.95	0.42		
500.	14.01	38.81	29.15	5.71	0.07	0.30		5.37	6.91	0.39		
600.	13.89	38.77	29.15	5.56								
700.	13.89	38.77	29.15	5.54								
750.	13.86	38.76	29.15	5.54	0.30	0.35		5.78	8.31	0.40		
800.	13.83	38.75	29.15	5.55								
900.	13.76	38.73	29.15	5.55								
975.	13.73	38.72	29.16	5.56								
1000.	13.73	38.72	29.16	5.56	0.18	0.35		6.03	9.13	0.38		

STATION NUMBER: F30K30  
 TOTAL DEPTH: 2000.0 m.  
 PLACE:  
 DATE: 14-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCIII DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 10:25  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.30'  
 LATITUDE: 35.30'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: -11  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.29  
 SD/PH:  
 SW/PH: 0.35  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	25.00	39.21	26.53	6.92	-11	0.14		0.17	1.36	0.82	
5.	25.00	39.21	26.53	6.84							
10.	24.98	39.21	26.53	6.83							
15.	22.84	39.30	27.25	7.07	-11	0.14		0.17	1.30	0.85	
20.	20.13	39.16	27.90	7.53							
25.	18.57	39.11	28.28	7.93	0.04	0.14		0.17	1.30	0.81	
30.	17.46	39.07	28.53	8.18							
40.	16.15	39.04	28.83	8.30							
50.	15.52	39.00	28.94	8.03	0.10	0.14		0.20	1.88	0.77	
60.	15.16	38.97	29.01	7.78							
70.	14.91	38.95	29.05	7.55							
75.	14.77	38.94	29.07	7.38	0.15	0.12		0.20	2.89	0.69	
80.	14.72	38.94	29.08	7.12							
90.	14.64	38.92	29.08	6.86							
100.	14.56	38.91	29.09	6.69	0.12	0.15		2.94	3.86	0.63	
125.	14.41	38.89	29.11	6.51							
150.	14.34	38.87	29.12	6.44	0.11	0.32		4.79	5.17	0.59	
200.	14.13	38.83	29.13	6.15	0.06	0.34		5.18	6.21	0.61	
229.					0.04	0.33		5.58	7.27	0.60	
250.	13.99	38.80	29.14	5.96	0.04	0.33		5.49	7.05	0.60	
300.	13.94	38.79	29.14	5.87							
304.					0.12	0.35		5.64	7.55	0.62	
380.					0.11	0.35		5.79	8.08	0.62	
400.	13.89	38.78	29.15	5.72							
500.	13.83	38.76	29.15	5.63							
530.					0.07	0.35		5.97	9.22	0.55	
600.	13.79	38.75	29.15	5.54							
700.	13.74	38.73	29.15	5.48							
750.	13.73	38.73	29.15	5.50							
766.					0.22	0.34		6.00	9.85	0.54	
800.	13.70	38.72	29.16	5.49							
900.	13.66	38.70	29.16	5.50							
975.	13.63	38.69	29.16	5.53							
1000.	13.64	38.69	29.16	5.49							

STATION NUMBER: F00K30  
 TOTAL DEPTH: 3000.0 m.  
 PLACE:  
 DATE: 14-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 17:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.30'  
 LATITUDE: 35. 0'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.03  
 SD/PH:  
 SW/PH: 0.20  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	P04-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-H			
0.	24.38	39.08	26.63	6.38	0.04	0.13		0.17	1.32	0.90		
5.	24.38	39.08	26.62	6.58								
10.	24.29	39.10	26.66	6.66								
15.	19.14	39.29	28.27	7.29	0.28	0.15		0.16	1.37	0.93		
20.	17.67	39.17	28.56	7.77								
25.	17.17	39.09	28.62	7.91	0.13	0.12		0.17	1.30	0.85		
30.	16.76	39.05	28.69	7.91								
40.	16.41	39.01	28.74	7.80								
50.	15.87	39.02	28.88	7.68	0.32	0.15		0.16	1.67	0.85		
60.	15.63	39.00	28.92	7.47								
70.	15.48	39.00	28.95	7.26								
75.	15.37	38.99	28.97	7.12	0.20	0.20		0.16	1.94	0.80		
80.	15.32	38.99	28.98	7.03								
90.	15.23	38.98	29.00	6.90								
100.	15.16	38.98	29.01	6.77	0.08	0.14		0.79	2.19	0.76		
125.	14.99	38.97	29.04	6.62								
129.					0.20	0.21		3.01	2.98	0.74		
150.	14.82	38.95	29.07	6.45								
173.					0.06	0.24		4.16	4.56	0.67		
200.	14.45	38.89	29.11	6.15								
216.					0.20	0.33		4.79	5.44	0.65		
250.	14.22	38.85	29.13	6.04								
259.					0.06	0.33		5.11	6.31	0.66		
300.	14.14	38.83	29.13	5.94								
500.	13.86	38.77	29.15	5.57								
600.	13.79	38.75	29.15	5.53								
700.	13.71	38.72	29.15	5.51								
750.	13.68	38.71	29.15	5.49								
800.	13.65	38.70	29.15	5.47								
900.	13.61	38.69	29.16	5.50								
975.	13.59	38.68	29.16	5.47								
1000.	13.59	38.68	29.16	5.47								
1100.	13.58	38.68	29.16	5.51								

STATION NUMBER: FOOL00  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE: 14-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 21:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29. 0'  
 LATITUDE: 35. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 BOD-5:  
 TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 TSS: 0.22  
 SD/PH:  
 SW/PH: 0.45  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	FO4-P	NO2-N	NO3-H		Si	TOC	CHL-a
								+	NO2-H			
0.	25.22	39.15	26.42	6.31	0.11	0.14		0.15	0.90	0.71		
5.	25.11	39.17	26.47	6.32								
10.	23.17	39.19	27.07	6.55								
15.	19.88	39.14	27.96	6.95	0.20	0.15		0.15	1.28	0.71		
20.	18.36	39.12	28.34	7.25								
25.	17.38	39.15	28.61	7.46	0.24	0.12		0.16	1.28	0.72		
30.	16.74	39.08	28.72	7.52								
40.	16.24	39.04	28.80	7.26								
50.	16.07	39.01	28.82	7.08	0.13	0.11		0.15	1.39	0.65		
60.	15.89	39.01	28.87	7.01								
70.	15.78	39.01	28.89	6.87								
75.	15.74	39.01	28.90	6.81	0.40	0.13		0.36	1.71	0.64		
80.	15.71	39.00	28.90	6.78								
90.	15.59	39.00	28.93	6.70								
100.	15.51	39.00	28.95	6.66	0.36	0.11		0.98	1.67	0.74		
125.	15.37	38.99	28.97	6.54								
150.	15.21	38.98	29.00	6.51	0.22	0.18		1.74	2.37	0.59		
200.	14.88	38.95	29.05	6.31	0.17	0.26		2.25	2.42	0.55		
250.	14.50	38.90	29.11	6.11	0.12	0.80		2.98	3.23	0.54		
300.	14.32	38.87	29.12	5.93	0.10	0.61		4.50	5.09	0.51		
400.	14.04	38.81	29.14	5.74								
500.	13.92	38.78	29.15	5.61								
600.	13.87	38.77	29.15	5.57								
700.	13.84	38.76	29.15	5.56								
750.	13.80	38.74	29.15	5.51								
800.	13.75	38.73	29.15	5.52								
900.	13.70	38.71	29.15	5.49								
975.	13.66	38.70	29.16	5.50								
1000.	13.65	38.70	29.16	5.51								
1100.	13.63	38.69	29.16	5.52								

STATION NUMBER: FOOL30  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 15-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 01:33  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29.30'  
 LATITUDE: 35. 0'  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS: 0.26  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH: 0.55  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	NH	PO4-P	NO2-N	NO3-N	Si	TOC	CHL-a
								+ NO2-N			
0.	26.41	39.19	26.07	6.03	0.20	0.14	0.17	1.30	0.85		
5.	26.41	39.19	26.07	6.07							
10.	25.44	39.25	26.42	6.23							
15.	23.97	39.20	26.83	6.41	0.16	0.12	0.19	1.36	0.82		
20.	23.20	39.22	27.08	6.58							
25.	19.68	39.10	27.98	6.97	0.27	0.22	0.16	1.36	0.79		
30.	18.37	39.05	28.29	7.26							
40.	17.24	39.03	28.55	7.40							
50.	16.51	39.00	28.71	7.37	0.21	0.16	0.18	1.74	0.75		
60.	16.09	38.99	28.80	7.28							
70.	15.83	39.00	28.87	7.12							
75.	15.68	39.01	28.91	7.08	0.21	0.22	0.17	1.61	0.72		
80.	15.60	39.00	28.92	6.97							
90.	15.46	38.99	28.95	6.82							
100.	15.35	38.99	28.97	6.71	0.17	0.21	1.09	1.90	0.65		
125.	15.21	38.98	29.00	6.53							
150.	15.08	38.97	29.03	6.42	0.10	0.19	2.71	2.59	0.59		
200.	14.72	38.94	29.08	6.23	0.07	0.24	3.62	2.71	0.57		
250.	14.46	38.90	29.11	6.04	0.14	0.29	4.33	4.62	0.56		
300.	14.29	38.86	29.13	5.89							
400.	13.97	38.79	29.14	5.56							
500.	13.80	38.74	29.14	5.45							
600.	13.73	38.72	29.15	5.43							
700.	13.68	38.71	29.15	5.39							
750.	13.65	38.70	29.15	5.41							
800.	13.63	38.70	29.15	5.41							
900.	13.61	38.69	29.15	5.47							
975.	13.61	38.68	29.15	5.48							
1000.	13.60	38.68	29.15	5.50							
1100.	13.60	38.68	29.16	5.44							

STATION NUMBER: F00M00  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE: 15-07-68  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 05:25  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30. 0'  
 LATITUDE: 35. 0'  
 WIND:  
 WIND DIRECTION:

DS:  
 SD/Hg:  
 SW/Hg: 0.3  
 SM/Hg:  
 BOD-5:  
 TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 TSS: 0.10  
 SD/PH:  
 SW/PH: 0.37  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	27.02	38.84	25.61	5.35	-11	0.15		0.18	1.76	0.93	
5.	26.66	39.11	25.93	5.77							
10.	26.28	39.19	26.11	6.08							
13.					0.05	0.16		0.16	1.12	0.86	
15.	25.68	39.13	26.26	6.18							
20.	23.42	39.26	27.05	6.47							
23.					-11	0.17		0.16	1.01		
25.	19.91	39.17	27.97	6.94							
30.	18.20	39.10	28.36	7.29							
40.	17.12	39.03	28.58	7.40							
43.					0.23	0.14		0.17	1.20	0.83	
50.	16.53	39.00	28.71	7.28							
60.	16.20	39.00	28.79	7.18							
65.					0.08	0.13		0.17	1.69	0.73	
70.	15.96	39.00	28.84	7.01							
75.	15.88	39.00	28.86	6.94							
80.	15.81	39.00	28.88	6.86							
86.					-11	0.14		0.91	1.63	0.70	
90.	15.71	38.99	28.90	6.72							
100.	15.60	38.99	28.92	6.59							
125.	15.38	38.98	28.96	6.50							
129.					-11	0.16		2.21	2.35	0.66	
150.	15.16	38.97	29.00	6.34							
172.					-11	0.22		3.44	3.35	0.62	
192.					0.05	0.27		4.56	5.05	0.62	
200.	14.76	38.92	29.06	6.05							
215.					0.05	0.28		4.73		0.60	
250.	14.53	38.89	29.09	5.86							
256.					0.04	0.32		5.56	6.04	0.66	
300.	14.32	38.86	29.11	5.73							
320.					0.04	0.33		5.88	7.33	0.59	
400.	14.02	38.79	29.13	5.53							
482.					0.04	0.37		6.13	8.88	0.60	
500.	13.84	38.75	29.14	5.43							
600.	13.76	38.73	29.15	5.39							
700.	13.70	38.72	29.15	5.41							
750.	13.68	38.71	29.15	5.39							
800.	13.66	38.70	29.15	5.42							
900.	13.64	38.69	29.15	5.44							
975.	13.62	38.69	29.15	5.46							
1000.	13.61	38.68	29.15	5.45							

STATION NUMBER: F00M30  
 TOTAL DEPTH: 2300.0 m.  
 PLACE:  
 DATE: 15-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 10:20  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.30'  
 LATITUDE: 35. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 3.6  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 0.17  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-H	NO3-N		TOC	CHL-a
								+	si		
								NO2-N			
0.	26.69	39.20	25.99	7.43	0.04	0.13		0.17	1.32	0.82	
5.	26.64	39.21	26.01	7.41							
10.	26.32	39.20	26.11	7.42							
15.	22.30	39.28	27.40	7.94	0.07	0.36		0.16	0.73	0.92	
20.	19.89	39.20	28.00	8.41							
25.	18.52	39.07	28.26	8.74	0.07	0.14		0.17	1.18	0.77	
30.	17.75	39.05	28.45	8.88							
40.	16.99	39.01	28.60	8.81							
50.	16.53	39.01	28.71	8.57	0.04	0.13		0.18	1.24	0.76	
60.	16.30	39.00	28.76	8.35							
70.	16.16	39.00	28.79	8.16							
75.	16.09	39.00	28.81	8.05	0.07	0.11		0.19	1.34	0.72	
80.	16.05	39.00	28.82	7.95							
90.	15.95	39.00	28.84	7.79							
100.	15.90	39.00	28.86	7.62	0.03	0.13		0.56	1.46	0.68	
125.	15.76	39.00	28.89	7.33							
150.	15.64	39.00	28.92	7.13		0.15		1.16	1.63	0.69	
200.	15.31	38.98	28.98	6.80	0.08	0.14		1.78	2.31	0.62	
250.	15.01	38.96	29.04	6.45		0.16		3.07	3.09	0.62	
300.	14.59	38.90	29.08	6.14							
400.	14.17	38.82	29.12	5.80							
500.	13.93	38.77	29.14	5.50							
600.	13.79	38.74	29.15	5.46							
700.	13.71	38.72	29.15	5.46							
750.	13.71	38.72	29.15	5.44							
800.	13.68	38.71	29.15	5.46							
900.	13.65	38.70	29.15	5.46							
975.	13.63	38.69	29.15	5.48							
1000.	13.63	38.69	29.15	5.46							
1100.	13.61	38.68	29.16	5.45							

STATION NUMBER: E30130  
 TOTAL DEPTH: 2000.0 m.  
 PLACE:  
 DATE: 15-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 14:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.30'  
 LATITUDE: 34.30'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 3.6  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.12  
 SD/PH:  
 SW/PH: 0.46  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	26.57	39.21	26.03	7.26	0.06	0.14		0.16	1.26	0.85		
5.	26.35	39.20	26.10	7.32								
10.	25.74	39.18	26.28	7.40								
15.	24.10	39.14	26.75	7.61	0.05	0.14		0.16	0.42	0.87		
20.	20.95	39.08	27.62	8.14								
25.	19.01	39.05	28.12	8.56	0.05	0.14		0.17	1.28	0.86		
30.	18.18	39.02	28.32	8.64								
40.	17.29	38.98	28.51	8.65								
50.	16.81	38.97	28.61	8.58	0.13	0.13		0.16	1.41	0.82		
60.	16.27	38.95	28.73	8.34								
70.	16.10	39.00	28.81	8.15								
75.	15.92	38.99	28.84	8.09	0.13	0.11		0.20	1.20	0.79		
80.	15.79	38.97	28.86	7.96								
90.	15.67	38.98	28.89	7.74								
100.	15.58	38.98	28.92	7.57	0.07	0.11		0.59	1.29	0.76		
125.	15.42	38.98	28.95	7.23								
150.	15.33	38.98	28.98	7.06	0.07	0.12		1.21	1.72	0.73		
200.	15.13	38.98	29.02	6.83	0.13	0.13		1.68	1.96	0.73		
250.	14.88	38.95	29.06	6.54	0.05	0.15		2.26	2.39	0.70		
300.	14.65	38.93	29.09	6.26	0.05	0.24		3.66	3.79	0.64		
400.	14.16	38.83	29.13	5.75	0.07	0.31		5.34	5.96	0.63		
500.	13.92	38.77	29.14	5.56	0.05	0.45		5.90	7.22	0.57		
600.	13.82	38.75	29.15	5.50								
700.	13.73	38.72	29.15	5.46								
750.	13.69	38.71	29.15	5.43	0.05	0.33		6.13	0.33	0.53		
800.	13.67	38.71	29.15	5.44								
900.	13.65	38.70	29.15	5.45								
975.	13.63	38.69	29.15	5.50								
1000.	13.63	38.69	29.15	5.46	0.07	0.33		6.14	2.93	0.50		
1100.	13.61	38.68	29.16	5.51								



STATION NUMBER: E30100  
 TOTAL DEPTH: 2000.0 m.  
 PLACE:  
 DATE: 15-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 18:10  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30. 0'  
 LATITUDE: 34.30'  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS: 0.06  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: 8.5 SW/Cd: SW/PH: 0.15  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	26.62	39.19	26.01	7.21	0.07	0.12		0.18	0.59	0.82	
5.	26.44	39.22	26.08	7.20							
10.	25.38	39.18	26.39	7.29							
12.					0.13	0.14		0.18	0.85	0.83	
15.	24.81	39.15	26.54	7.34							
19.					0.08	0.14		0.18	0.78	0.81	
20.	23.81	39.15	26.84	7.50							
25.	21.83	39.14	27.42	7.74							
30.	19.22	38.99	28.02	8.19							
38.					0.04	0.13		0.18	0.83	0.79	
40.	17.60	38.95	28.40	8.41							
50.	16.87	38.92	28.56	8.38							
57.					0.05	0.12		0.19	1.55	0.79	
60.	16.31	38.90	28.68	8.19							
70.	16.10	38.91	28.74	7.96							
75.	16.06	38.97	28.79	7.90							
76.					0.04	0.13		0.16	1.76	0.75	
80.	15.89	38.97	28.84	7.90							
90.	15.73	38.98	28.88	7.68							
100.	15.63	38.98	28.91	7.56							
125.	15.40	38.99	28.97	7.17							
150.	15.29	38.99	28.99	7.00	0.16	0.13		1.36	4.82	0.72	
200.	15.05	38.98	29.04	6.75	0.05	0.14		2.01	5.19	0.66	
250.	14.83	38.95	29.07	6.50	0.07	0.18		2.66	6.12	0.66	
300.	14.58	38.92	29.10	6.20	0.12	0.22		3.86		0.59	
400.	14.26	38.86	29.13	5.94	0.09	0.26		4.57		0.57	
500.	14.13	38.83	29.14	5.80	0.05	0.28		4.85		0.56	
600.	13.97	38.79	29.15	5.62							
700.	13.80	38.74	29.15	5.50							
750.	13.81	38.74	29.15	5.51	0.06	0.34		6.04		0.54	
800.	13.78	38.74	29.15	5.51							
900.	13.71	38.72	29.15	5.48							
975.	13.69	38.71	29.15	5.47							
1000.	13.68	38.70	29.15	5.51	0.05	0.34		6.01	6.92	0.53	

STATION NUMBER: E30L30  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE: 15-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 22:10  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29.30'  
 LATITUDE: 34.30'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 0.8  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.30  
 SD/PH:  
 SW/PH: 0.22  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	25.84	39.19	26.25	6.40	0.06	0.13		0.19	0.61	0.86		
5.	25.84	39.19	26.25	6.41								
10.	24.89	39.15	26.52	6.49								
15.	24.89	39.15	26.52	6.50	0.13	0.13		0.19	1.16	0.84		
20.	24.69	39.14	26.57	6.53								
25.	23.39	39.14	26.96	6.65		0.13		0.19	1.24	0.87		
30.	20.43	39.10	27.78	7.03								
40.	18.05	39.05	28.37	7.48								
50.	17.01	39.04	28.62	7.59	0.14	0.13		0.19	1.59	0.82		
60.	16.38	39.02	28.75	7.52								
70.	15.98	39.02	28.85	7.42								
75.	15.76	39.01	28.90	7.35	0.07	0.14		0.20	1.85	0.74		
80.	15.69	39.00	28.91	7.24								
90.	15.46	38.99	28.95	7.15								
100.	15.23	38.98	29.00	7.03	0.09	0.15		0.20	2.59	0.75		
125.	14.88	38.95	29.05	6.61								
150.	14.66	38.93	29.09	6.38	0.07	0.12		2.98	3.42	0.66		
200.	14.55	38.92	29.10	6.30	0.13	0.22		3.83		0.65		
250.	14.40	38.89	29.12	6.12	0.06	0.27		4.73	3.91	0.65		
300.	14.23	38.86	29.13	6.00	0.09	0.28		4.46	5.09	0.60		
400.	14.11	38.83	29.14	5.79	0.15	0.29		5.05	6.16	0.61		
500.	13.89	38.77	29.15	5.62	0.04	0.33		5.71		0.58		
600.	13.83	38.76	29.15	5.57								
700.	13.74	38.73	29.15	5.50								
750.	13.70	38.72	29.15	5.51	0.23	0.34		6.00	8.96	0.51		
800.	13.67	38.71	29.15	5.47								
900.	13.64	38.70	29.16	5.50								
975.	13.63	38.69	29.16	5.50								
1000.	13.63	38.69	29.16	5.51	0.04	0.35		6.01		0.55		
1100.	13.61	38.68	29.16	5.57								

STATION NUMBER: E30100  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE: 16-07-68  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 01:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29. 0'  
 LATITUDE: 34.30'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.30  
 SD/PH:  
 SW/PH: 0.30  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	25.22	39.19	26.44	6.26	0.17	0.15		0.15	0.64	0.77	
5.	25.22	39.19	26.44	6.35							
10.	24.85	39.20	26.57	6.40							
15.	24.86	39.19	26.56	6.38	0.06	0.16		0.16	0.50	0.81	
20.	24.80	39.19	26.58	6.40							
25.	22.68	39.30	27.30	6.64	0.07	0.14		0.16	1.17	0.79	
30.	20.85	39.15	27.70	6.92							
40.	18.34	39.09	28.32	7.46							
50.	16.66	39.06	28.72	7.73	0.30	0.15		0.20	1.15	0.77	
60.	16.28	39.02	28.78	7.61							
70.	15.65	38.99	28.91	7.45							
75.	15.46	38.98	28.94	7.36	0.13	0.15		0.18	1.27	0.69	
80.	15.39	38.98	28.96	7.22							
90.	14.95	38.96	29.05	7.05							
100.	14.81	38.94	29.06	6.73	0.11	0.16		2.01	1.88	0.61	
125.	14.60	38.92	29.10	6.42							
150.	14.46	38.90	29.11	6.31	0.07	0.26		3.96		0.58	
173.					0.08	0.29		4.47		0.55	
200.	14.27	38.87	29.13	6.14							
215.					0.07	0.32		5.10	3.28	0.55	
250.	14.12	38.83	29.13	5.91							
258.					0.07	0.33		5.29		0.53	
300.	14.05	38.82	29.14	5.84							
344.					0.04	0.34		5.68		0.50	
400.	13.92	38.78	29.15	5.64							
430.					0.04	0.36		5.97		0.47	
500.	13.79	38.75	29.15	5.53							
600.	13.76	38.73	29.15	5.49							
645.					0.13	0.37		6.10		0.47	
700.	13.69	38.71	29.15	5.47							
750.	13.66	38.71	29.15	5.43							
800.	13.63	38.70	29.15	5.43							
860.					0.13	0.37		6.07	6.37	0.47	
900.	13.63	38.69	29.15	5.44							
975.	13.61	38.68	29.15	5.46							
1000.	13.60	38.68	29.15	5.47	0.13	0.37		6.07	6.37	0.47	
1100.	13.60	38.68	29.15	5.53							

STATION NUMBER: E30K30

SEASON:

TOTAL DEPTH: 1000.0 m.

STATION TYPE:

PLACE:

CHARACTER

DATE: 16-07-88

TIME: 05:25

LONGITUDE: 28.30'

BAROMETRIC PRESSURE:

AIR TEMPERATURE:

LATITUDE: 34.30'

CLOUD:

WAVE STATE:

WIND:

SECCHI DISK DEPTH:

VISIBILITY:

WIND DIRECTION:

OS:

TR:

TSS: 0.08

SD/Hg:

SD/Cd:

SD/PH:

SW/Hg: 4.0

SW/Cd:

SW/PH: 0.32

SM/Hg:

SM/Cd:

FC/0m.:

BOD-5:

FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-H	NO3-N		Si	TOC	CHL-a
								+	NO2-H			
0.	23.94	39.07	26.75	6.31	0.09	0.13		0.16	1.63	0.59		
5.	23.94	39.07	26.75	6.31								
10.	23.56	39.12	26.90	6.36								
15.	20.01	39.08	27.88	6.74	0.04	0.14		0.16	0.81	0.61		
20.	18.55	39.08	28.26	7.00								
25.	17.35	39.05	28.54	7.30	0.09	0.10		0.16	1.22	0.62		
30.	17.12	39.03	28.58	7.27								
40.	16.23	39.03	28.80	7.27								
50.	15.93	39.02	28.86	7.01	0.03	0.14		0.17	1.47	0.54		
60.	15.76	39.01	28.90	6.94								
70.	15.66	39.00	28.91	6.79								
75.	15.57	39.00	28.93	6.72	-11	0.14		1.27	1.82	0.53		
80.	15.54	39.00	28.94	6.67								
90.	15.49	38.99	28.95	6.58								
100.	15.40	38.99	28.96	6.57	-11	0.18		2.02	2.13	0.51		
125.	15.09	38.97	29.02	6.44								
130.					0.09	0.18		2.53	2.85	0.55		
150.	14.77	38.94	29.07	6.28								
180.					0.10	0.25		3.89	3.79	0.45		
200.	14.61	38.93	29.10	6.21								
225.					0.07	0.22		3.27		0.48		
250.	14.60	38.94	29.11	6.26								
270.					0.14	0.20		3.29	3.65	0.46		
300.	14.56	38.93	29.12	6.15								
360.					0.04	0.26		4.55	4.27	0.42		
400.	14.25	38.86	29.13	5.80								
453.					0.07	0.29		4.85		0.40		
500.	14.09	38.82	29.14	5.71								
600.	13.96	38.79	29.15	5.59								
675.					0.07	0.34		5.89		0.36		
700.	13.83	38.75	29.15	5.50								
750.	13.81	38.74	29.15	5.51								
800.	13.79	38.74	29.15	5.53								
900.	13.76	38.73	29.15	5.53	0.13	0.35		5.93	9.27	0.39		
975.	13.71	38.71	29.15	5.54								
1000.	13.71	38.71	29.15	5.53								
1100.	13.66	38.69	29.16	5.55								

STATION NUMBER: FOOR30  
 TOTAL DEPTH: 950.0 m.  
 PLACE:  
 DATE: 19-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 14:25  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 34.30'  
 LATITUDE: 35. 0'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 0.16  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.75	39.27	25.36	7.08	0.03	0.18		0.20	1.12	0.77		
5.	28.74	39.27	25.37	7.05								
10.	23.41	39.28	27.07	7.69								
15.	20.40	39.12	27.80	8.30	0.08	0.17		0.21	1.11	0.76		
20.	19.61	39.06	27.97	8.54								
25.	19.11	39.05	28.09	8.57		0.16		0.21	1.16	0.78		
30.	18.62	39.05	28.22	8.61								
40.	17.47	39.03	28.50	8.56								
50.	17.10	39.01	28.57	8.36	0.03	0.16		0.20	1.23	0.78		
60.	16.81	39.00	28.64	8.23								
70.	16.54	39.00	28.70	8.06								
75.	16.43	38.99	28.72	7.98	0.09	0.17		0.19	1.16	0.74		
80.	16.37	38.99	28.74	7.91								
90.	16.17	38.99	28.78	7.76								
100.	16.08	38.99	28.81	7.59	0.03	0.17		0.20	1.18	0.82		
125.	15.87	38.99	28.86	7.30								
150.	15.61	38.98	28.91	7.03	0.07	0.16		0.43	1.25	0.74		
200.	15.06	38.94	29.00	6.45	0.02	0.23		3.57	3.01	0.55		
250.	14.55	38.88	29.08	6.10	0.02	0.29		5.11	5.05	0.60		
300.	14.23	38.82	29.10	5.88								
350.					0.03	0.28		4.50	4.05	0.58		
400.	13.89	38.76	29.13	5.60								
500.	13.76	38.73	29.14	5.48	0.04	0.34		6.29	6.92	0.50		
600.	13.67	38.71	29.15	5.41								
700.	13.62	38.69	29.15	5.36								
750.	13.60	38.68	29.15	5.38	0.12	0.37		6.76	7.19	0.48		
800.	13.58	38.68	29.15	5.42								
900.	13.56	38.67	29.15	5.42								

STATION NUMBER: F00S00  
 TOTAL DEPTH: 1500.0 m.  
 PLACE:  
 DATE: 19-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 18:00  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35. 0'  
 LATITUDE: 35. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 17.0  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.14  
 SD/PH:  
 SW/PH: 0.24  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	36.20	31.84	16.85	6.44	0.13	0.16		0.20	2.22	0.76		
5.	30.82	38.12	23.77	6.51								
10.	24.12	39.48	27.00	7.19								
15.	21.56	39.09	27.46	7.62	0.02	0.15		0.21	1.27	0.74		
20.	20.17	39.07	27.82	7.99								
25.	19.23	39.07	28.07	8.11	0.02	0.16		0.21	1.00	0.69		
30.	18.61	39.02	28.20	8.13								
40.	17.85	39.01	28.39	8.06								
50.	17.11	38.98	28.55	7.96	0.04	0.16		0.23	1.00	0.68		
60.	16.64	38.97	28.66	7.82								
70.	16.38	38.97	28.72	7.62								
75.	16.29	38.97	28.74	7.52	0.04	0.20		0.21	1.22	0.63		
80.	16.21	38.97	28.76	7.44								
90.	16.11	38.97	28.79	7.35								
100.	15.97	38.97	28.81	7.21	0.13	0.17		0.22	1.24	0.65		
125.	15.85	38.98	28.86	6.93								
150.	15.59	38.97	28.91	6.66	0.04	0.17		1.05	1.14	0.63		
200.	15.19	38.95	28.99	6.28	0.05	0.18		2.09	1.76	0.58		
250.	14.81	38.91	29.05	6.04	0.02	0.23		3.50	2.90	0.51		
300.	14.38	38.85	29.09	5.77	0.05	0.28		4.52	3.81	0.50		
400.	13.95	38.77	29.13	5.58	0.04	0.35		6.15	6.36	0.47		
500.	13.78	38.73	29.14	5.47	0.04	0.36		6.83	8.48	0.42		
600.	13.68	38.71	29.14	5.43								
700.	13.62	38.69	29.15	5.43								
750.	13.61	38.69	29.15	5.36								
800.	13.59	38.68	29.15	5.39								
900.	13.57	38.67	29.15	5.44								
975.	13.56	38.67	29.15	5.45								
1000.	13.56	38.67	29.15	5.46								
1100.	13.55	38.66	29.15	5.48								

STATION NUMBER: FOOS30  
 TOTAL DEPTH: 1200.0 m.  
 PLACE:  
 DATE: 19-07-68  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 21:25  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35.30'  
 LATITUDE: 35. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 8.8  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.40  
 SD/PH:  
 SW/PH: 0.16  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	27.93	39.19	25.57	6.47	0.04	0.16		0.22	0.98	0.77		
5.	27.97	39.18	25.55	6.45								
10.	27.98	39.18	25.55	6.43								
15.	24.48	39.22	26.70	6.81	0.04	0.15		0.18	0.97	0.77		
20.	22.10	39.10	27.31	7.15								
25.	20.26	39.09	27.82	7.51	0.06	0.15		0.18	0.95	0.77		
30.	19.03	38.99	28.07	7.72								
40.	18.32	38.97	28.24	7.68								
50.	17.60	38.99	28.44	7.64	0.38	0.14		0.19	0.89	0.67		
60.	17.14	38.97	28.53	7.51								
70.	16.90	38.97	28.60	7.40								
75.	16.75	38.98	28.64	7.37	0.15	0.11		0.18	0.90	0.67		
80.	16.69	38.99	28.66	7.30								
90.	16.53	38.98	28.69	7.20								
100.	16.47	38.99	28.71	7.10	0.22	0.13		0.18	0.92	0.62		
125.	16.28	38.98	28.75	6.88								
150.	16.09	38.97	28.79	6.75	0.11	0.15			1.13	0.63		
200.	15.76	38.98	28.88	6.51	0.19	0.15		1.87	1.60	0.56		
250.	15.27	38.96	28.98	6.20	0.19	0.22		3.46	2.85	0.53		
300.	14.74	38.90	29.05	5.91	0.20	0.28		5.18	4.62	0.52		
400.	14.10	38.80	29.12	5.57	0.09	0.31		6.45	7.13	0.45		
500.	13.83	38.74	29.13	5.44	0.13	0.37		6.84	8.71	0.43		
600.	13.68	38.71	29.14	5.44								
700.	13.60	38.69	29.15	5.41								
750.	13.58	38.68	29.15	5.41								
800.	13.57	38.68	29.15	5.38								
900.	13.55	38.67	29.15	5.45								
975.	13.55	38.66	29.15	5.42								
1000.	13.55	38.66	29.15	5.43								
1100.	13.55	38.66	29.15	5.49								

STATION NUMBER: F30S25  
 TOTAL DEPTH: 1350.0 m.  
 PLACE:  
 DATE: 20-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

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

CHARACTER  
 LONGITUDE: 35.25'  
 LATITUDE: 35.30'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 EOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 0.12  
 SD/PH:  
 SW/PH: 0.24  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PD4-P	NO2-H	NO3-H		Si	TOC	CHL-a
								+	NO2-H			
0.	28.49	39.21	25.41	6.38	0.14	0.15		0.18	0.80	0.73		
5.	28.49	39.21	25.41	6.39								
10.	28.50	39.21	25.40	6.39								
15.	28.26	39.29	25.54	6.45	0.04	0.16			1.18	0.70		
20.	24.11	39.14	26.75	6.87								
25.	22.43	39.08	27.20	7.25	0.07	0.16			0.92	0.60		
30.	21.10	39.08	27.58	7.47								
40.	19.39	39.04	28.01	7.61								
50.	18.20	39.00	28.29	7.61	0.22			6.91	0.23	0.66		
60.	17.06	38.97	28.55	7.54								
70.	16.58	38.98	28.68	7.39								
75.	16.38	38.99	28.73	7.34	0.12	0.14		0.15	1.16	0.67		
80.	16.24	38.99	28.77	7.25								
90.	16.02	38.99	28.82	7.10								
100.	15.91	38.99	28.84	6.99	0.11	0.15		0.18	1.33			
125.	15.65	38.98	28.90	6.72								
150.	15.40	38.96	28.95	6.53	0.08	0.17		2.18	2.10	0.60		
200.	14.96	38.92	29.02	6.19	0.12	0.24		3.87		0.54		
250.	14.53	38.87	29.07	5.94	0.12	0.31			4.75	0.51		
300.	14.24	38.82	29.10	5.74	0.05	0.33			5.98	0.54		
400.	13.92	38.76	29.13	5.54	0.11	0.37		6.72	7.74	0.44		
500.	13.77	38.73	29.14	5.44	0.29	0.39			8.79	0.46		
600.	13.70	38.71	29.14	5.41								
700.	13.66	38.70	29.14	5.39								
750.	13.64	38.69	29.15	5.36								
800.	13.63	38.69	29.15	5.41								
900.	13.61	38.68	29.15	5.42								
975.	13.60	38.68	29.15	5.45								
1000.	13.60	38.67	29.15	5.42								
1100.	13.59	38.67	29.15	5.48								



STATION NUMBER: F30500  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 20-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 05:04  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35.0°  
 LATITUDE: 35.30°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 0.6  
 SM/Hg:  
 BOD-5:

TR:  
 SO/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: -11  
 SD/PH:  
 SW/PH: 0.47  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.52	39.24	25.42	6.42	0.24	0.18		0.21	1.08	0.72		
5.	28.52	39.24	25.41	6.46								
10.	27.28	39.27	25.84	6.59								
15.	23.18	39.10	27.00	7.05	0.05	0.16		0.25	0.97	0.75		
20.	21.03	39.09	27.61	7.53								
25.	19.58	39.09	28.00	7.79	0.15	0.16		0.20	1.00	0.75		
30.	18.94	39.04	28.13	7.81								
40.	17.90	39.01	28.37	7.81								
50.	17.31	39.00	28.52	7.71	0.17	0.16		0.19	0.97	0.69		
60.	16.92	38.99	28.60	7.55								
70.	16.66	38.98	28.65	7.41								
75.	16.58	38.98	28.68	7.34	0.20	0.15		0.21		0.67		
80.	16.50	38.98	28.70	7.30								
90.	16.37	38.98	28.73	7.18								
100.	16.24	38.98	28.76	7.09		0.15		0.21	1.17	0.64		
125.	15.97	38.99	28.83	6.85								
150.	15.82	38.99	28.87	6.70	0.07	0.15		1.49	1.47	0.64		
200.	15.25	38.95	28.97	6.32	0.16	0.16		1.24	1.41	0.62		
250.	14.66	38.89	29.06	6.00	0.12	0.28		4.97	4.53	0.52		
300.	14.27	38.83	29.10	5.78	0.04	0.33		6.07	6.21	0.51		
400.	13.89	38.75	29.13	5.53	1.31	0.38		6.74	8.32	0.47		
500.	13.75	38.72	29.14	5.47	0.17	0.38		6.83	8.77	0.45		
600.	13.68	38.70	29.14	5.38								
700.	13.63	38.69	29.15	5.40								
750.	13.62	38.69	29.15	5.40	0.11	0.38		6.72		0.45		
800.	13.60	38.68	29.15	5.43								
900.	13.58	38.67	29.15	5.45								
975.	13.56	38.67	29.15	5.45								
1000.	13.56	38.67	29.15	5.45	0.06							

STATION NUMBER: F40R50	SEASON:	
TOTAL DEPTH: 910.0 m.	STATION TYPE:	
PLACE:		CHARACTER
DATE: 20-07-88	TIME: 07:50	LONGITUDE: 34.50'
BAROMETRIC PRESSURE:	AIR TEMPERATURE:	LATITUDE: 35.40'
CLOUD:	WAVE STATE:	WIND:
SECCHI DISK DEPTH:	VISIBILITY:	WIND DIRECTION:
OS:	TR:	TSS: 0.28
SD/Hg:	SD/Cd:	SD/PH:
SW/Hg: 3.1	SW/Cd:	SW/PH: 0.36
SM/Hg:	SM/Cd:	FC/0m.:
BOD-5:		FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.05	38.88	25.30	6.60	0.15	0.15		0.20	1.06	0.89		
5.	28.05	38.88	25.30	6.58								
10.	27.22	38.89	25.58	6.66								
15.	23.55	39.04	26.84	7.11	0.05	0.15		0.22	1.09	0.86		
20.	22.38	39.04	27.19	7.39								
25.	20.70	39.02	27.64	7.62	0.03	0.12		0.20	1.10	0.80		
30.	19.60	39.00	27.93	7.78								
40.	18.25	39.00	28.28	7.89								
50.	17.55	38.99	28.45	7.83	0.07	0.13		0.44	1.06	0.78		
60.	17.05	38.99	28.57	7.72								
70.	16.72	38.96	28.63	7.58								
75.	16.70	38.97	28.64	7.49	0.03	0.14		0.22	1.24	0.75		
80.	16.57	38.96	28.66	7.49								
90.	16.47	38.97	28.70	7.35								
100.	16.38	38.97	28.72	7.22	0.12	0.14		0.24	1.14	0.82		
125.	16.21	38.98	28.77	7.03								
150.	16.03	38.98	28.81	6.84	0.17	0.13		0.83	1.15	0.73		
200.	15.55	38.97	28.92	6.50	0.20	0.15		1.48	1.58	0.72		
250.	14.82	38.91	29.04	6.08	0.14	0.16		2.40	2.16	0.68		
300.	14.36	38.84	29.09	5.83	0.10	0.25		4.28	3.76	0.68		
400.	13.94	38.76	29.13	5.56	0.06	0.31		6.23	7.01	0.58		
500.	13.77	38.73	29.14	5.45	0.10	0.36		6.73	8.21	0.57		
600.	13.67	38.70	29.14	5.39								
700.	13.62	38.69	29.15	5.38								
750.	13.61	38.68	29.15	5.33	0.15	0.37		6.81	10.00	0.57		
800.	13.59	38.68	29.15	5.39								

STATION NUMBER: F40Q30  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 20-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 17:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 33.30'  
 LATITUDE: 35.40'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 14.6  
 SM/Hg:  
 BOD-5:

TR:  
 SO/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.14  
 SD/PH:  
 SW/PH: 0.89  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.11	38.87	25.28	6.95	0.14	0.18		0.18		0.93	0.99	
5.	28.09	38.88	25.29	6.94								
10.	27.17	38.90	25.61	7.05								
15.	21.98	39.00	27.27	7.67	0.21	0.15		0.18		1.12	1.00	
20.	19.43	39.02	27.99	8.22								
25.	18.67	39.02	28.18	8.38	0.04	0.17		0.19		1.12	1.04	
30.	18.10	39.01	28.32	8.35								
40.	17.31	39.00	28.52	8.27								
50.	16.81	38.99	28.63	8.10								
60.	16.58	38.99	28.69	7.91								
70.	16.42	38.99	28.73	7.79								
75.	16.30	38.99	28.75	7.74	0.08	0.15		0.19		1.24		
80.	16.20	38.98	28.77	7.64								
90.	16.09	38.98	28.80	7.48								
100.	15.99	38.99	28.83	7.37	0.05	0.16		0.68		1.00	0.96	
125.	15.70	38.98	28.89	7.03								
150.	15.42	38.97	28.95	6.80	0.06	0.20		2.62		2.43	0.80	
200.	14.83	38.91	29.04	6.34	-11	0.27		4.73		4.26	0.75	
250.	14.35	38.84	29.07	6.02	0.09	0.31		5.72		5.82	0.72	
300.	14.10	38.80	29.12	5.85	0.12	0.34		6.32		7.09	0.83	
400.	13.82	38.74	29.14	5.63	0.09	0.38		6.42		8.52	0.66	
500.	13.71	38.72	29.14	5.53	0.04	0.38		6.36		5.65	0.61	
600.	13.62	38.70	29.15	5.45								
700.	13.58	38.68	29.15	5.43								
750.	13.57	38.68	29.15	5.44	0.08	0.38		6.58		10.37	0.67	
800.	13.56	38.67	29.15	5.43								
900.	13.53	38.66	29.15	5.40								
1000.					0.09	0.37		6.45		9.38	0.67	

STATION NUMBER: GOOP30  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 21-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 16:20  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 32.30'  
 LATITUDE: 36. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 6.9  
 SM/Hg:  
 BOD-5:

IR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 1.42  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
								NO2-H			
0.	27.96	39.10	25.50	7.35	0.04	0.15		0.18	0.97	0.94	
5.	27.95	39.08	25.49	7.05							
10.	27.91	39.08	25.50	6.91							
15.	27.64	39.10	25.61	6.93	0.04	0.16		0.18	1.09	0.91	
20.	26.48	39.08	25.96	7.00							
25.	25.15	39.06	26.37	7.22	0.16	0.15		0.18	1.10	0.87	
30.	24.41	39.06	26.60	7.34							
40.	23.53	39.03	26.85	7.46							
50.	21.33	39.02	27.47	7.61	0.13	0.14		0.18	1.15	0.87	
60.	19.44	38.91	27.91	7.94							
70.	18.45	38.93	28.18	7.99							
75.	17.76	38.94	28.36	7.96	0.09	0.15		0.20	1.00	0.80	
80.	17.37	38.95	28.46	7.90							
90.	17.01	38.95	28.55	7.77							
100.	16.82	38.96	28.61	7.68	0.14	0.16		0.18	0.97	0.81	
125.	16.47	38.96	28.69	7.43							
150.	16.32	38.98	28.74	7.17	0.13	0.16		0.49	1.04	0.74	
200.	15.90	38.99	28.85	6.87	0.06	0.17		1.56	1.49	0.66	
250.	15.36	38.97	28.97	6.53	0.14	0.19		2.65	2.29	0.71	
300.	14.95	38.94	29.03	6.20	0.04	0.24		3.93	3.34	0.65	

STATION NUMBER: 600F00  
 TOTAL DEPTH: 2300.0 m.  
 PLACE:  
 DATE: 21-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 05:04  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 32. 0'  
 LATITUDE: 36. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 1.1  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 0.23  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.98	39.26	25.27	6.74	0.06	0.16		0.20	-11	0.85		
5.	28.97	39.26	25.28	6.74								
10.	24.17	39.20	26.78	7.26								
15.	21.67	39.10	27.43	7.80	0.09	0.16		0.19	1.06	0.85		
20.	19.82	39.05	27.91	8.15								
25.	19.31	39.05	28.04	8.17	0.09	0.16		0.18	1.06	0.83		
30.	18.58	38.99	28.19	8.23								
40.	17.80	38.95	28.36	8.14								
50.	17.10	38.98	28.55	8.00	0.09	0.16		0.19	0.98	0.77		
60.	16.54	38.97	28.68	7.80								
70.	16.34	38.97	28.73	7.66								
75.	16.23	38.97	28.75	7.59	0.17	0.17		0.18	1.08	0.76		
80.	16.18	38.97	28.76	7.57								
90.	16.00	38.97	28.81	7.42								
100.	15.91	38.97	28.83	7.30	0.12	0.15		0.44	1.10	0.72		
125.	15.72	38.98	28.89	6.96								
150.	15.52	38.98	28.93	6.75	0.12	0.18		2.05	1.27	0.68		
200.	15.12	38.95	29.01	6.52		0.21		2.92	1.81	0.60		
250.	14.69	38.90	29.06	6.13	0.14	0.26		4.71	2.48	0.64		
300.	14.33	38.84	29.10	5.88	0.10	0.33		5.79	4.15	0.55		
400.	14.00	38.78	29.13	5.66	0.04	0.36		6.56	5.82	0.56		
500.	13.83	38.75	29.14	5.53	0.20	0.36		6.73	7.29	0.54		
600.	13.73	38.72	29.14	5.47								
700.	13.68	38.71	29.15	5.41								
750.	13.65	38.70	29.15	5.41	0.08	0.37		6.67	8.22	0.45		
800.	13.63	38.69	29.15	5.43								
900.	13.61	38.68	29.15	5.44								
975.	13.60	38.68	29.15	5.46								
1000.	13.60	38.68	29.15	5.46	0.14	0.37		6.59	9.39	0.47		
1100.	13.60	38.67	29.15	5.48								

STATION NUMBER: 600H30  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE: 21-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 07:50  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31.30'  
 LATITUDE: 36. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 0.6  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.16  
 SD/PH:  
 SW/PH: 0.12  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	HO2-N			
0.	28.75	39.13	25.26	6.75	0.06	0.15		0.19	1.00	0.85		
5.	28.75	39.13	25.26	6.70								
10.	25.06	39.18	26.49	7.18								
15.	21.53	39.09	27.47	7.77	0.10	0.13		0.19	1.07	0.82		
20.	20.37	39.05	27.76	8.08								
25.	19.49	39.02	27.97	8.17		0.15		0.18	1.04	0.81		
30.	18.57	39.00	28.20	8.29								
40.	17.82	39.00	28.38	8.22								
50.	17.13	38.99	28.55	8.14	0.08	0.13		0.19	1.05	0.80		
60.	16.75	38.99	28.64	7.99								
70.	16.53	38.99	28.70	7.77								
75.	16.42	38.99	28.72	7.64	0.23	0.15		0.19	1.12	0.69		
80.	16.31	38.99	28.75	7.57								
90.	16.13	38.99	28.79	7.34								
100.	16.01	38.99	28.82	7.25	0.17	0.14		0.25	1.18	0.70		
125.	15.84	38.99	28.86	6.93								
150.	15.66	38.99	28.91	6.83	0.04	0.16		1.43	1.49	0.70		
200.	15.33	38.97	28.97	6.54	0.10	0.18		2.08	1.85	0.63		
250.	14.88	38.93	29.04	6.21	0.04	0.22		3.46	2.80	0.59		
300.	14.47	38.87	29.09	5.92	0.10	0.29		5.03	4.55	0.55		
400.	14.08	38.80	29.12	5.67	0.07	0.34		6.32	6.75	0.54		
500.	13.87	38.75	29.14	5.52	0.16	0.36		6.72	7.96	0.49		
600.	13.76	38.73	29.14	5.46								
700.	13.72	38.71	29.14	5.42								
750.	13.70	38.71	29.15	5.43	0.11	0.38		6.76	9.21	0.49		
800.	13.68	38.70	29.15	5.42								
900.	13.65	38.69	29.15	5.43								
975.	13.64	38.69	29.15	5.44								
1000.	13.63	38.68	29.15	5.46	0.05	0.37		6.68	9.91	0.51		
1100.	13.61	38.68	29.15	5.50								

STATION NUMBER: G15H30  
 TOTAL DEPTH: 2000.0 m.  
 PLACE:  
 DATE: 22-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 02:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31.30°  
 LATITUDE: 36.15°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: -11  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.18  
 SD/PH:  
 SW/PH: 2.00  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	PH	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-H			
0.	29.23	39.29	25.21	6.43	0.10	0.18		0.16	1.12	0.83		
5.	29.23	39.29	25.21	6.45								
10.	22.94	39.16	27.11	7.10								
15.	21.42	39.07	27.48	7.57	0.04	0.16		0.16	1.13	0.80		
20.	19.52	39.08	28.01	7.84								
25.	18.59	39.03	28.22	7.97	0.04	0.15		0.16	1.12	0.81		
30.	18.27	39.01	28.28	7.90								
40.	17.38	39.03	28.52	7.91								
50.	16.97	39.01	28.61	7.80		0.15		0.17	1.37	0.76		
60.	16.42	39.01	28.74	7.63								
70.	16.08	39.00	28.81	7.39								
75.	15.95	39.00	28.84	7.31	0.13	0.15		0.16	1.45	0.81		
80.	15.87	38.99	28.86	7.20								
90.	15.74	38.99	28.89	7.01								
100.	15.65	38.99	28.91	6.92	0.04	0.14			1.66	0.62		
125.	15.40	38.98	28.96	6.70								
150.	15.22	38.96	28.99	6.51	0.16	0.18		2.63	2.39	0.60		
200.	14.74	38.91	29.06	6.16	0.04	0.24		4.22	3.73	0.59		
250.	14.39	38.85	29.09	5.86	0.04	0.29		5.63	5.39	0.57		
300.	14.15	38.81	29.11	5.72	0.08	0.34		6.34	6.14	0.51		
400.	13.92	38.77	29.13	5.51	0.07	0.36		6.71	7.73	0.54		
500.	13.76	38.73	29.14	5.41	0.08	0.37		6.74	8.68	0.51		
600.	13.71	38.71	29.14	5.36								
700.	13.66	38.70	29.15	5.36								
750.	13.65	38.70	29.15	5.40	0.09	0.38		6.71	9.54	0.52		
800.	13.63	38.69	29.15	5.40								
900.	13.62	38.68	29.15	5.38								
975.	13.61	38.68	29.15	5.42	0.05	0.36		6.59	10.32	0.49		
1000.	13.61	38.68	29.15	5.43								
1100.	13.60	38.67	29.15	5.46								

STATION NUMBER: G15F00  
 TOTAL DEPTH: 1600.0 m.  
 PLACE:  
 DATE: 22-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON  
 STATION TYPE:  
 TIME: 05:45  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 32. 0'  
 LATITUDE: 36.15'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.30  
 SD/PH:  
 SW/PH: 1.11  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.42	39.23	25.44	6.51	0.07	0.18		0.18	1.04	0.92	0.04	
5.	28.41	39.23	25.45	6.50								
10.	28.25	39.22	25.49	6.48								
15.	25.71	39.14	26.25	6.77	0.04	0.18		0.18	1.08	0.96	0.04	
20.	23.73	39.16	26.68	7.07								
25.	21.59	39.02	27.40	7.44	0.08	0.16		0.18	1.00	0.88	0.16	
30.	20.35	39.04	27.75	7.63								
40.	18.43	38.96	28.20	7.78								
50.	17.63	38.94	28.39	7.76	0.04	0.16		0.18	1.12	0.94	0.06	
60.	17.06	38.95	28.54	7.65								
70.	16.69	38.98	28.65	7.54								
75.	16.58	38.98	28.68	7.43		0.13		0.17	1.02	0.85		
80.	16.34	38.95	28.71	7.38								
90.	16.30	38.98	28.74	7.11								
100.	16.11	38.95	28.77	7.14	0.16	0.15		0.19	1.10	0.83	0.30	
125.	15.86	38.96	28.83	6.89								
150.	15.79	38.98	28.87	6.71	0.15	0.15		0.99	1.22	0.79	0.25	
200.	15.41	38.97	28.95	6.44	0.11	0.18		2.06	1.81	0.73	0.04	
250.	14.97	38.93	29.03	6.17	0.05	0.19		2.76	2.51	0.75		
300.	14.52	38.88	29.08	5.85	0.06	0.22		3.68	3.18	0.71		
400.	14.06	38.79	29.12	5.62	0.04	0.31		5.93	5.80	0.60		
500.	13.88	38.76	29.14	5.47	0.07	0.35		6.56	7.36	0.56		
600.	13.77	38.73	29.14	5.38								
700.	13.71	38.71	29.14	5.37								
750.	13.69	38.70	29.15	5.37	0.11	0.37		6.79	9.06	0.54		
800.	13.67	38.70	29.15	5.39								
900.	13.65	38.69	29.15	5.43								
975.	13.63	38.68	29.15	5.42								
1000.	13.62	38.68	29.15	5.44	0.23	0.37		6.70	9.80	0.57		



STATION NUMBER: G35H43  
 TOTAL DEPTH: 360.0 m.  
 PLACE:  
 DATE: 22-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 20:20  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31.43°  
 LATITUDE: 36.35°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 8.8  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 1.00  
 SD/PH:  
 SW/PH: 0.94  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.81	39.00	25.13	6.49		0.16		0.14	1.33	0.80		
5.	28.22	39.06	25.38	6.58								
10.	27.87	39.03	25.48	6.62								
15.	26.93	39.02	25.77	6.66	0.28	0.24		0.20		0.78		
20.	25.86	39.03	26.13	6.81								
25.	25.36	39.02	26.28	6.91	0.03	0.19		0.19	1.73	0.77		
30.	24.78	39.02	26.46	6.99								
40.	23.45	39.01	26.85	7.12								
50.	20.74	39.04	27.65	7.42	0.09	0.16		0.18	1.30	0.82		
60.	18.11	38.97	28.29	7.63								
70.	17.86	38.94	28.33	7.58								
75.	17.60	38.94	28.40	7.50	0.22	0.16		0.19	1.82	0.65		
80.	17.44	38.94	28.44	7.48								
90.	17.02	38.96	28.56	7.44								
100.	16.71	38.96	28.63	7.35	0.05	0.16		0.18	1.39	0.67		
125.	16.34	38.98	28.74	7.11								
150.	16.21	38.97	28.76	6.91	0.04	0.17		0.51	1.44	0.61		
200.	15.86	38.99	28.86	6.64		0.18		1.53	1.85	0.59		
250.	15.49	38.98	28.94	6.44	0.06	0.19		1.91	1.91	0.52		
300.	14.96	38.93	29.02	6.10	0.06	0.24		3.87	4.88	0.47		

STATION NUMBER: G15M30  
 TOTAL DEPTH: 250.0 m.  
 PLACE:  
 DATE: 23-07-68  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 11:00  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.30'  
 LATITUDE: 36.15'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 5.0  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 1.38  
 SD/PH:  
 SW/PH: 0.24  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	28.08	39.06	25.43	6.82	0.12	0.14		0.15	1.42	0.94	
5.	28.08	39.06	25.43	6.86							
10.	28.06	39.06	25.44	6.87							
15.	27.78	39.05	25.52	6.68		0.15			1.25	0.93	
20.	26.28	38.98	25.96	7.10							
25.	25.57	39.00	26.20	7.23		0.13		0.15	1.23	0.95	
30.	24.62	39.04	26.52	7.34							
40.	22.74	39.03	27.08	7.54							
50.	20.71	38.95	27.58	7.67	0.03	0.16		0.17	1.81	0.92	
60.	19.75	38.93	27.84	7.72							
70.	18.93	38.92	28.05	7.78							
75.	18.29	38.97	28.25	7.79	0.18	0.12		0.15	1.18	0.94	
80.	17.57	38.99	28.44	7.78							
90.	17.30	38.97	28.50	7.66							
100.	16.79	38.98	28.63	7.59	0.06	0.14		0.19	1.18	0.85	
125.	16.21	38.98	28.77	7.22							
150.	15.97	38.99	28.83	7.01	0.15	0.17		0.81	1.43	0.77	
200.	15.72	38.99	28.89	6.75	0.03	0.12		1.63	1.71	0.79	

STATION NUMBER: GOOH00  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE: 23-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 17:00  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

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

OS:  
 SD/Hg:  
 SW/Hg: 14.4  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.06  
 SD/PH:  
 SW/PH: 0.41  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.73	39.10	25.24	7.85	0.14	0.13		0.24	1.19	0.98	0.06	
5.	28.57	39.11	25.30	7.83								
10.	25.51	39.16	26.33	8.21								
15.	23.50	39.14	26.94	8.55	0.13	0.14		0.39	1.18	1.06	0.06	
20.	21.32	39.02	27.47	8.98								
25.	20.10	38.99	27.79	9.19	0.16	0.14		0.26	1.32	1.00	0.05	
30.	19.49	38.99	27.94	9.25								
40.	18.07	38.98	28.31	9.28								
50.	17.30	38.95	28.48	9.10	0.17	0.14		0.34	1.29	1.00	0.17	
60.	16.80	38.97	28.61	8.90								
70.	16.63	38.98	28.67	8.70								
75.	16.51	38.98	28.70	8.62	0.39	0.14		0.34	1.41	0.89		
80.	16.45	38.98	28.71	8.53								
90.	16.32	38.98	28.74	8.30								
100.	16.24	38.99	28.77	8.07	0.21	0.15		0.30	1.35	0.91	0.25	
125.	16.02	38.99	28.82	7.81								
150.	15.84	38.99	28.86	7.52	0.10	0.15		1.31	1.50	0.92	0.19	
200.	15.54	38.98	28.93	7.11	0.07	0.15		1.97	1.94	0.84	0.04	
250.	15.23	38.97	28.99	6.86	0.04	0.16		2.37	2.30	0.84		
300.	14.78	38.92	29.06	6.39	0.12	0.23		4.29	3.71	0.73		
400.	14.10	38.80	29.12	5.87	0.22	0.30		6.18	6.61	0.68		
500.	13.92	38.76	29.13	5.66	0.03	0.33		6.71	8.01	0.70		
600.	13.80	38.73	29.14	5.56								
700.	13.74	38.72	29.14	5.48								
750.	13.74	38.72	29.15	5.49	0.12	0.35		6.70	9.34	0.62		
800.	13.70	38.71	29.15	5.46								
900.	13.67	38.70	29.15	5.44								
975.	13.65	38.69	29.15	5.45								
1000.	13.64	38.69	29.15	5.43	0.24	0.33		6.59	10.05	0.62		
1100.	13.63	38.68	29.15	5.48								

STATION NUMBER: G00M30  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE: 23-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 21:00  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.30'  
 LATITUDE: 36. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 13.5  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.26  
 SD/PH:  
 SW/PH: 0.26  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N	Si	TOC	CHL-a
								+ NO2-N			
0.	27.97	39.06	25.47	6.84	0.08	0.14	0.17	1.77	0.93		
5.	27.93	39.06	25.48	6.79							
10.	27.56	39.06	25.60	6.84							
15.	26.72	39.05	25.87	6.90	0.05	0.13	0.17	1.23	0.69		
20.	24.86	39.05	26.45	7.13							
25.	24.02	38.98	26.65	7.27	0.12	0.13	0.16	1.36	0.86		
30.	23.31	38.98	26.87	7.35							
40.	21.75	38.97	27.31	7.49							
50.	20.18	38.95	27.73	7.63	0.16	0.13	0.16	1.34	0.78		
60.	18.32	38.98	28.25	7.76							
70.	17.54	38.93	28.41	7.72							
75.	17.30	38.95	28.48	7.65	0.18	0.13	0.17	1.33	0.79		
80.	17.03	38.97	28.56	7.65							
90.	16.60	38.97	28.67	7.46							
100.	16.41	38.97	28.71	7.27			0.17	1.36	0.76		
125.	16.29	38.97	28.74	6.99	0.08	0.13	0.80	1.49	0.69		
150.	16.18	38.98	28.78	6.89							
165.					0.23	0.14	1.16	1.46	0.74		
200.	15.86	38.99	28.86	6.66	0.04	0.15	1.52	1.72	0.73		
250.	15.60	38.99	28.93	6.52	0.16	0.13	2.00	2.04	0.71		
300.	15.16	38.96	29.00	6.29							
330.					0.17	0.25	4.66	4.38	0.61		
400.	14.41	38.86	29.09	5.79							
410.					0.18	0.32	6.24	6.72	0.56		
500.	14.07	38.79	29.12	5.58							
600.	13.86	38.75	29.14	5.48							
615.					0.10	0.35	6.76	8.99	0.53		
700.	13.76	38.72	29.14	5.41							
750.	13.72	38.71	29.14	5.43							
800.	13.70	38.71	29.15	5.44							
820.					0.18	0.37	6.61	9.96	0.53		
900.	13.66	38.69	29.15	5.43							
975.	13.65	38.69	29.15	5.45							
1000.	13.65	38.69	29.15	5.44	0.18	0.37	6.61	9.96	0.53		
1100.	13.63	38.68	29.15	5.47							

STATION NUMBER:G00M00  
 TOTAL DEPTH: 2000.0 m.  
 PLACE:  
 DATE:23-07-88  
 BAROMETRIC PRESSURE:1012  
 CLOUD:b  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:R  
 TIME:21:00  
 AIR TEMPERATURE:  
 WAVE STATE:4  
 VISIBILITY:6

CHARACTER  
 LONGITUDE:30. 0'  
 LATITUDE:36. 0'  
 WIND:5  
 WIND DIRECTION:NE

OS:NO  
 SD/Hg:  
 SW/Hg:6.9  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:0.50  
 SD/PH:  
 SW/PH:1.68  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	27.92	38.89	25.36	6.63	0.18	0.13		0.19	1.35	0.84		
5.	27.92	38.89	25.36	6.59								
10.	27.79	38.95	25.44	6.64								
15.	25.85	38.95	26.07	6.82	0.17	0.13		0.18	1.58	0.77		
20.	24.46	38.87	26.44	7.05								
25.	23.04	38.96	26.93	7.24	0.22	0.13		0.17	1.33	0.79		
30.	21.28	38.95	27.43	7.43								
40.	19.26	38.99	28.01	7.61								
50.	18.00	38.98	28.33	7.63	0.09	0.13		0.17	1.25	0.74		
60.	17.35	39.00	28.50	7.50								
70.	17.07	39.00	28.58	7.38								
75.	16.79	39.01	28.65	7.36	0.14	0.13		0.17	1.25	0.69		
80.	16.74	39.01	28.66	7.31								
90.	16.57	39.01	28.71	7.21								
100.	16.42	39.01	28.74	7.13	0.12	0.15		0.54	1.29	0.67		
125.	16.25	39.00	28.77	6.83	0.17	0.14		0.89	1.27	0.67		
150.	16.22	39.00	28.78	6.72	0.08	0.13			1.51	0.72		
200.	16.20	38.99	28.79	6.56	0.17	0.24				0.62		
250.	16.08	38.99	28.81	6.44	0.13	0.16		1.45	1.50	0.52		
300.	15.75	38.99	28.89	6.31								
375.					0.15	0.24		4.25		0.59		
400.	15.05	38.94	29.02	5.97	0.34	0.34		6.26	7.09	0.60		
500.	14.22	38.82	29.11	5.60								
600.	14.05	38.79	29.13	5.55								
700.	13.88	38.75	29.14	5.45								
750.	13.84	38.74	29.14	5.46								
800.	13.80	38.73	29.14	5.41								
900.	13.73	38.71	29.15	5.43								
975.	13.72	38.71	29.15	5.46								
1000.	13.71	38.70	29.15	5.45								
1100.	13.67	38.69	29.15	5.47								

STATION NUMBER: GOOL30  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE: 24-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 05:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29.30'  
 LATITUDE: 36. 0'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.29  
 SD/PH:  
 SW/PH: 0.74  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	28.03	39.17	25.53	6.42	0.16	0.14		0.16	1.36	0.88	
5.	28.03	39.17	25.53	6.46							
10.	28.01	39.17	25.54	6.51							
15.	26.61	39.20	26.01	6.64	0.16	0.14		0.17	1.34	0.78	
20.	23.01	39.07	27.03	7.11							
25.	20.55	39.07	27.72	7.58	0.12	0.14		0.17	1.62	0.81	
30.	19.06	39.04	28.10	7.82							
40.	17.82	38.99	28.38	7.79							
50.	17.14	38.97	28.53	7.67	0.07	0.15		0.16	1.28	0.75	
60.	16.95	38.97	28.58	7.48							
70.	16.53	38.98	28.69	7.33							
75.	16.36	38.98	28.73	7.25	0.21	0.13		0.18	1.33	0.70	
80.	16.23	38.98	28.76	7.15							
90.	16.10	38.97	28.79	7.01							
100.	16.01	38.99	28.82	6.90	0.15	0.14		0.16	1.58	0.68	
125.	15.71	38.99	28.89	6.71							
150.	15.34	38.98	28.97	6.57	0.13	0.13		1.51	2.08	0.62	
200.	14.83	38.92	29.04	6.15	0.23	0.19		3.70	3.49	0.55	
250.	14.68	38.91	29.07	5.97	0.25	0.25		4.55	4.15	0.58	
300.	14.37	38.86	29.10	5.76	0.12	0.23		4.31	4.09	0.58	
400.	14.12	38.82	29.13	5.65	0.16	0.28		5.21	4.99	0.55	
500.	13.91	38.77	29.14	5.50		0.30		5.66	6.00	0.54	
600.	13.85	38.75	29.14	5.45							
700.	13.87	38.76	29.15	5.49							
750.	13.80	38.74	29.15	5.46	0.11	0.32		6.60	8.35	0.47	
800.	13.73	38.72	29.15	5.44							
900.	13.67	38.70	29.15	5.41							
975.	13.63	38.68	29.15	5.38							
1000.	13.62	38.68	29.15	5.40	0.13	0.31		6.36	8.34	0.50	
1100.	13.61	38.67	29.15	5.45							

STATION NUMBER: G15L00  
 TOTAL DEPTH: 1700.0 m.  
 PLACE:  
 DATE: 24-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 09:40  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29. 0'  
 LATITUDE: 36.15'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Ilg:  
 SW/Ilg: 8.7  
 SH/Ilg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 TSS: 0.44  
 SD/PH:  
 SW/PH: 0.63  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	26.92	38.88	25.67	7.43	0.04	0.13		0.32	1.41	0.86	
5.	26.92	38.88	25.67	7.42							
10.	26.66	38.89	25.70	7.41							
15.	26.83	38.89	25.71	7.41	0.04	0.14		0.17	1.92	0.88	
20.	26.76	38.90	25.74	7.40							
25.	26.67	38.89	25.76	7.39	0.03	0.13		0.19	1.39	0.90	
30.	24.04	39.04	26.70	7.69							
40.	19.51	39.00	27.95	8.39							
50.	18.19	38.97	28.27	8.41	0.04	0.13		0.20	1.27	0.87	
60.	17.59	38.97	28.42	8.37							
70.	17.12	38.99	28.55	8.31							
75.	16.95	38.99	28.59	8.22	0.04	0.13		0.18	1.23	0.90	
80.	16.74	38.99	28.65	8.13							
90.	16.46	38.98	28.71	7.95							
100.	16.25	38.98	28.76	7.81	0.03	0.13		0.17	1.31	0.92	
114.					0.08	0.14		0.65	1.54	0.80	
125.	15.91	39.00	28.85	7.37							
150.	15.78	38.99	28.88	7.19							
152.					0.12	0.11		1.41	1.64	0.79	
190.					0.12	0.16		2.29	2.29	0.78	
200.	15.33	38.97	28.97	6.84							
228.					0.04	0.11		2.87	2.93	0.73	
250.	14.87	38.92	29.04	6.37							
300.	14.45	38.87	29.09	6.10							
304.					0.22	0.21		5.41	5.51	0.72	
380.					0.07	0.28		5.86	6.86	0.68	
400.	14.18	38.83	29.12	5.87							
500.	13.93	38.77	29.14	5.59							
574.					0.20	0.33		6.42	8.56	0.65	
600.	13.83	38.75	29.14	5.51							
700.	13.77	38.73	29.15	5.46							
750.	13.73	38.72	29.15	5.45							
766.						0.34		6.56	9.86	0.56	
800.	13.69	38.71	29.15	5.41							
900.	13.63	38.69	29.15	5.42							
975.	13.61	38.68	29.15	5.41							
1000.	13.61	38.68	29.15	5.43							
1100.	13.60	38.67	29.15	5.46							

STATION NUMBER:G00L00  
 TOTAL DEPTH: 3000.0 m.  
 PLACE:  
 DATE:24-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME:12:45  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE:29. 0'  
 LATITUDE:36. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 BOD-5:  
 TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 TSS:0.22  
 SD/PH:  
 SW/PH:0.20  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	ST-T	DO	HM	PO4-P	NO2-H	NO3-N + NO2-N	Si	TOC	CHL-a
0.	27.73	39.12	25.58	7.29	0.06	0.14		0.16	3.26	0.85	0.10
5.	27.69	39.12	25.60	7.31							
10.	27.44	39.18	25.73	7.34							
15.	25.01	39.25	26.56	7.56	0.06	0.14		0.21	1.48	0.82	0.15
20.	23.71	39.18	26.90	7.87							
25.	21.36	39.11	27.53	8.33	0.07	0.13		0.21	1.35	0.77	0.08
30.	19.83	39.11	27.95	8.66							
40.	17.76	39.09	28.47	8.96							
50.	16.81	39.04	28.67	8.88	0.03	0.12		0.18	1.73	0.75	0.12
60.	16.31	39.03	28.78	8.62							
70.	15.98	39.01	28.85	8.37							
75.	15.81	39.01	28.88	8.30	0.12	0.13		0.17	2.19	0.67	0.19
80.	15.63	39.00	28.92	8.15							
90.	15.29	38.98	28.98	8.00							
100.	15.17	38.97	29.00	7.77	-11	0.13		0.24	2.50	0.64	0.41
125.	14.94	38.95	29.04	7.27							
150.	14.70	38.92	29.07	7.00	0.17	0.15		2.65	1.64	0.58	0.21
200.	14.53	38.90	29.10	6.59	0.08	0.26		4.93	4.02	0.66	0.12
250.	14.37	38.88	29.12	6.44	0.13	0.26		4.93	5.03	0.53	
300.	14.22	38.85	29.13	6.19	0.05	0.28		5.41	5.74	0.56	
400.	14.09	38.82	29.14	5.87	0.05	0.30		5.78	6.18	0.52	
500.	13.96	38.79	29.14	5.68	0.03	0.34		6.28	7.31	0.47	
600.	13.87	38.76	29.15	5.56							
700.	13.85	38.75	29.15	5.52							
750.	13.83	38.75	29.15	5.48	0.03	0.32		6.41	7.75	0.52	
800.	13.81	38.74	29.15	5.50							
900.	13.76	38.72	29.15	5.49							
975.	13.73	38.71	29.15	5.45							
1000.	13.72	38.71	29.15	5.47	0.22	0.35		6.55	9.69	0.49	
1100.	13.68	38.69	29.15	5.45							



STATION NUMBER: F30L00  
 TOTAL DEPTH: 2900.0 m.  
 PLACE:  
 DATE: 24-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 17:10  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29. 0'  
 LATITUDE: 35.30'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 6.9  
 SM/Hg:  
 ROD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 TSS: 0.58  
 SD/PH:  
 SW/PH: 0.84  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	26.90	39.24	25.95	7.65	0.04	0.13		0.17	1.37	0.64	
5.	26.58	39.26	26.07	7.70							
10.	24.02	39.37	26.93	7.99							
15.	19.08	39.11	28.15	9.08	0.06	0.13		0.17	1.81	0.64	
20.	17.90	39.07	28.42	9.61							
25.	16.91	39.06	28.66	9.74	0.11	0.13		0.17	1.71	0.61	
30.	16.32	39.04	28.78	9.67							
40.	15.51	39.00	28.95	9.19							
50.	15.37	39.00	28.98	8.56	0.16	0.14		0.17	3.29	0.56	
60.	15.11	38.98	29.02	8.26							
70.	14.93	38.96	29.05	7.82							
75.	14.88	38.95	29.05	7.70	0.09	0.14		2.49	3.52	0.46	
80.	14.84	38.95	29.06	7.64							
90.	14.77	38.93	29.06	7.52							
100.	14.71	38.93	29.07	7.41	0.15	0.22		3.79	3.81	0.44	
125.	14.54	38.90	29.09	7.09							
150.	14.44	38.88	29.10	6.90	0.08	0.26		4.90	4.02	0.43	
200.	14.28	38.86	29.12	6.61	0.07	0.28		5.27	6.27	0.40	
250.	14.14	38.83	29.13	6.31	0.18	0.27		5.78	6.45	0.35	
300.	14.08	38.82	29.14	6.14	0.07	0.31		5.83	6.28	0.37	
400.	14.00	38.80	29.14	5.87	0.09	0.32		5.95	7.17	0.36	
500.	13.89	38.77	29.15	5.70	0.17	0.30		6.14	5.66	0.39	
600.	13.84	38.76	29.15	5.62							
700.	13.80	38.74	29.15	5.58							
750.	13.77	38.73	29.15	5.53	-11	0.33		6.44	8.86	0.34	
800.	13.73	38.72	29.15	5.51							
900.	13.68	38.70	29.15	5.49							
975.	13.66	38.69	29.15	5.49							
1000.	13.65	38.69	29.15	5.48	0.12	0.35		6.51	7.72	0.37	
1100.	13.62	38.68	29.15	5.51							

STATION NUMBER: F30L30  
 TOTAL DEPTH: 1500.0 m.  
 PLACE:  
 DATE: 24-07-88  
 BAROMETRIC PRESSURE: 1012  
 CLOUD: b  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: R  
 TIME: 20:30  
 AIR TEMPERATURE:  
 WAVE STATE: 4  
 VISIBILITY: 6

CHARACTER  
 LONGITUDE: 29.30'  
 LATITUDE: 35.30'  
 WIND: 4  
 WIND DIRECTION: W-NW

OS: NO  
 SD/Hg:  
 SW/Hg: 1.0  
 SM/Hg:  
 BOD-5:

TR: 0.15  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.26  
 SD/PH:  
 SW/PH: 1.16  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-H	NO3-H		Si	TOC	CHL-a
								+	NO2-H			
0.	27.47	39.10	25.66	6.64	0.07	0.19		0.17	1.46	0.69	0.08	
5.	27.47	39.10	25.66	6.65								
10.	25.92	39.17	26.21	6.78								
15.	22.52	39.15	27.23	7.19	0.07	0.16		0.18	1.42	0.72	0.04	
20.	19.78	39.11	27.96	7.71								
25.	18.60	39.06	28.23	8.01	0.14	0.15		0.18	2.09	0.75	0.08	
30.	17.99	39.03	28.37	8.09								
40.	17.22	39.00	28.54	7.99								
50.	16.52	39.01	28.71	7.82		0.14		0.18	2.00	0.69	0.08	
60.	16.14	38.98	28.79	7.61								
70.	15.88	38.98	28.85	7.38								
75.	15.77	38.99	28.87	7.27	0.07	0.14		0.19	2.17	0.62	0.25	
80.	15.66	38.98	28.90	7.21								
90.	15.61	38.99	28.92	6.98								
100.	15.54	38.99	28.93	6.85	0.08	0.14		1.61	2.12	0.56		
125.	15.32	38.97	28.97	6.66								
150.	15.17	38.97	29.01	6.53	0.36	0.16		2.40	2.40	0.55	0.14	
200.	14.68	38.91	29.07	6.09	0.20	0.26		4.82	4.98	0.49		
250.	14.38	38.86	29.10	5.87	0.29	0.29		5.61	7.03	0.47		
300.	14.11	38.81	29.12	5.71	0.06	0.37		6.41	7.12	0.44		
400.	13.87	38.76	29.13	5.52	0.05	0.34		6.70	8.08	0.42		
500.	13.77	38.73	29.14	5.43	0.14	0.35		6.82	8.84	0.44		
600.	13.68	38.71	29.14	5.34								
700.	13.65	38.70	29.15	5.28								
750.	13.64	38.69	29.15	5.39	-11	0.35		6.77	10.46	0.43		
800.	13.62	38.69	29.15	5.41								
900.	13.59	38.68	29.15	5.40								
975.	13.57	38.67	29.15	5.42								
1000.	13.57	38.67	29.15	5.47	0.08	0.34		6.51	10.33	0.40		
1100.	13.57	38.66	29.15	5.48								

STATION NUMBER: F30400	SEASON:	CHARACTER
TOTAL DEPTH: 1000.0 m.	STATION TYPE:	LONGITUDE: 30. 0'
PLACE:		LATITUDE: 35.30'
DATE: 24-07-88	TIME: 00:15	WIND:
BAROMETRIC PRESSURE:	AIR TEMPERATURE:	WIND DIRECTION:
CLOUD:	WAVE STATE:	
SECCHI DISK DEPTH:	VISIBILITY:	
OS:	TR:	TSS: 0.82
SD/Hg:	SD/Cd:	SD/PH:
SW/Hg: 10.6	SW/Cd:	SW/PH: 0.60
SM/Hg:	SM/Cd:	FC/0m.:
BOD-5:		FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.21	39.24	25.52	6.27	0.09	0.14		0.17	1.25	0.97		
5.	28.21	39.24	25.52	6.27								
10.	26.46	39.33	26.15	6.48								
15.	20.46	39.20	27.85	7.19	0.15	0.15		0.15	1.25	0.84		
20.	19.00	39.03	28.11	7.60								
25.	18.47	39.01	28.23	7.68	0.03	0.14		0.11	1.19	0.81		
30.	18.00	39.01	28.35	7.67								
40.	17.17	38.97	28.53	7.56								
50.	16.89	38.98	28.61	7.42	0.04	0.14		0.13	1.21	0.82		
60.	16.57	38.98	28.68	7.28								
70.	16.40	38.98	28.72	7.16								
75.	16.34	38.98	28.74	7.11	0.13	0.16		0.11	1.34	0.79		
80.	16.28	38.98	28.75	7.04								
90.	16.13	38.97	28.78	6.95								
100.	16.05	38.99	28.81	6.88	0.22	0.14		0.13	1.37	0.78		
125.	15.85	38.99	28.86	6.71								
150.	15.71	38.99	28.90	6.61	0.27	0.16		1.23	2.28	0.71		
200.	15.32	38.97	28.97	6.42	0.06	0.18		1.71	2.16	0.70		
250.	14.82	38.92	29.05	6.01	0.04	0.24		3.27		0.65		
300.	14.50	38.87	29.08	5.79	0.16	0.26		4.27	4.80	0.70		
400.	14.06	38.79	29.12	5.53	0.17	0.32		5.29	5.22	0.63		
500.	13.88	38.75	29.14	5.42	0.17	0.35		5.92	7.95	0.57		
600.	13.77	38.73	29.14	5.34								
700.	13.71	38.71	29.14	5.35								
750.	13.69	38.70	29.15	5.36	0.16	0.37		6.05	9.43	0.59		
800.	13.67	38.70	29.15	5.38								
900.	13.64	38.69	29.15	5.39								
975.	13.61	38.68	29.15	5.40								
1000.	13.60	38.68	29.15	5.41	0.07	0.36		6.70	9.69	0.58		
1100.	13.60	38.67	29.15	5.45								

STATION NUMBER: F30M30  
 TOTAL DEPTH: 1600.0 m.  
 PLACE:  
 DATE: 25-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 04:20  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.30°  
 LATITUDE: 35.30°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: -11  
 SN/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.20  
 SD/PH:  
 SW/PH: 0.40  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.29	39.14	25.42	6.15	0.04	0.14		0.21	1.75	1.11		
5.	28.29	39.14	25.42	6.20								
10.	27.03	39.21	25.89	6.35								
15.	22.68	39.11	27.15	6.85	0.03	0.14		0.12		1.07		
20.	21.09	39.13	27.62	7.26								
25.	19.90	39.10	27.93	7.52	0.02	0.14		0.13	1.27	1.03		
30.	18.48	39.01	28.23	7.64								
40.	17.59	39.00	28.44	7.58								
50.	16.89	39.00	28.62	7.53	0.06	0.15		0.10	1.31	1.09		
60.	16.37	39.00	28.75	7.36								
70.	16.16	38.99	28.79	7.14								
75.	16.06	38.99	28.81	7.05	0.30	0.14		0.11	1.39	0.89		
80.	16.01	38.99	28.82	6.95								
90.	15.94	38.99	28.84	6.82								
100.	15.84	38.99	28.86	6.77	0.31	0.16		0.40	1.21	0.91		
125.	15.66	38.98	28.90	6.61								
150.	15.48	38.98	28.94	6.47	0.06	0.16		1.50	1.76	0.94		
200.	15.13	38.96	29.01	6.24	0.04	0.19		2.48	2.70	0.89		
250.	14.61	38.89	29.07	5.91	0.09	0.26		3.30	4.16	0.78		
300.	14.30	38.85	29.11	5.73	0.14	0.30		4.95	5.60	0.77		
400.	13.95	38.77	29.13	5.54	-11	0.36		5.82	7.60	0.79		
500.	13.79	38.74	29.14	5.40	0.10	0.34		6.07	8.54	0.80		
600.	13.73	38.72	29.14	5.26								
700.	13.67	38.70	29.15	5.36								
750.	13.64	38.69	29.15	5.35	0.03	0.34		6.05	9.28	0.72		
800.	13.63	38.69	29.15	5.33								
900.	13.60	38.68	29.15	5.38								
975.	13.59	38.67	29.15	5.39								
1000.	13.58	38.67	29.15	5.38								
1100.	13.57	38.66	29.15	5.44								

STATION NUMBER: F30H00  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE: 25-07-88  
 BAROMETRIC PRESSURE: 1011  
 CLOUD: b  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: R  
 TIME: 08:40  
 AIR TEMPERATURE:  
 WAVE STATE: 3  
 VISIBILITY: 6

CHARACTER  
 LONGITUDE: 31.0°  
 LATITUDE: 35.30°  
 WIND: 2  
 WIND DIRECTION: W

OS: NO  
 SD/Hg:  
 SW/Hg: 6.0  
 SM/Hg:  
 BOD-5:

TR: 1.56  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.44  
 SD/PH:  
 SW/PH: 0.27  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	27.64	39.18	25.66	7.92	0.08	0.15		0.14	1.30	1.12		
5.	27.64	39.18	25.66	7.94								
10.	23.53	39.21	26.98	8.41								
15.	20.51	39.12	27.77	9.16	0.04	0.15		0.11	1.44	1.03		
20.	19.27	39.07	28.06	9.44								
25.	18.39	39.04	28.27	9.46	0.06	0.13		0.11	1.76	1.04		
30.	18.00	39.03	28.36	9.45								
40.	17.20	39.01	28.55	9.26								
50.	16.60	38.99	28.68	8.92	0.16	0.15		0.51	1.50	0.98		
60.	16.30	38.99	28.75	8.67								
70.	16.00	38.99	28.82	8.45								
75.	15.93	38.98	28.84	8.18	0.07	0.14		0.11	1.54	0.95		
80.	15.91	39.00	28.85	8.01								
90.	15.82	39.00	28.87	7.80								
100.	15.72	38.99	28.89	7.64	0.21	0.16		0.59	1.69	0.84		
125.	15.56	38.99	28.93	7.35								
150.	15.39	38.98	28.96	7.08	0.24	0.19		1.88	2.17	0.84		
200.	14.88	38.93	29.04	6.49	0.07	0.24		3.41	3.66	0.81		
250.	14.45	38.87	29.09	6.10	0.07	0.28		4.65	5.05	0.74		
300.	14.20	38.83	29.11	5.93	0.10	0.32		5.08	6.29	0.79		
400.	13.90	38.76	29.13	5.63	0.08	0.36		5.98	8.00	0.72		
500.	13.78	38.73	29.14	5.48	0.20	0.38		5.88	9.06	0.71		
600.	13.72	38.72	29.14	5.41								
700.	13.67	38.70	29.15	5.42								
750.	13.65	38.70	29.15	5.37	-11	0.38		5.92	9.03	0.72		
800.	13.64	38.69	29.15	5.43								
900.	13.62	38.68	29.15	5.41								
975.	13.61	38.68	29.15	5.43								
1000.	13.60	38.68	29.15	5.43	0.02	0.34		5.69	9.94	0.70		
1100.	13.59	38.67	29.15	5.49								

STATION NUMBER: F00H00  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE: 25-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 13:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31. 0'  
 LATITUDE: 35. 0'  
 WIND:  
 WIND DIRECTION:

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

IR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.08  
 SD/PH:  
 SW/PH: 0.24  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.16	39.32	25.60	7.22	0.16	0.14		0.30	1.29	0.83		
5.	28.11	39.31	25.61	7.12								
10.	23.63	39.24	26.98	7.70								
15.	20.79	39.16	27.72	8.40	0.17	0.15		0.12	1.29	0.85		
20.	19.29	39.08	28.07	8.76								
25.	18.71	39.05	28.20	8.83	0.07	0.14		0.12	1.39	0.79		
30.	18.12	39.04	28.34	8.84								
40.	17.29	39.01	28.53	8.74								
50.	16.53	39.01	28.71	8.48	0.14	0.14		0.12	2.52	0.76		
60.	16.21	39.00	28.78	8.24								
70.	16.00	38.99	28.82	8.03								
75.	15.86	38.98	28.85	7.94	0.13	0.14		0.13	1.54	0.69		
80.	15.78	38.98	28.87	7.79								
90.	15.62	38.98	28.91	7.51								
100.	15.54	38.98	28.92	7.33	0.06	0.15		1.61	1.88	0.69		
125.	15.37	38.98	28.96	7.03								
150.	15.15	38.96	29.00	6.85	-11	0.20		2.32	2.78	0.58		
200.	14.80	38.92	29.06	6.52	0.06	0.22		3.12	5.41	0.57		
250.	14.52	38.88	29.09	6.20	0.17	0.27		3.22	4.82	0.53		
300.	14.32	38.85	29.11	5.98	0.12	0.31		5.12		0.56		
400.	14.04	38.80	29.13	5.75	0.12	0.34		5.56	6.87	0.55		
500.	13.89	38.76	29.14	5.58	0.17	0.34		5.83	7.98	0.46		
600.	13.76	38.73	29.14	5.46								
700.	13.69	38.71	29.15	5.47								
750.	13.68	38.71	29.15	5.45	0.20	0.37		5.25	9.32	0.47		
800.	13.67	38.70	29.15	5.44								
900.	13.64	38.69	29.15	5.45								
975.	13.62	38.68	29.15	5.45								
1000.	13.61	38.68	29.15	5.47	0.11	0.36		5.73	9.64	0.50		
1100.	13.60	38.67	29.15	5.52								

STATION NUMBER: E30H00  
 TOTAL DEPTH: 2300.0 m.  
 PLACE:  
 DATE: 25-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 18:10  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31. 0'  
 LATITUDE: 34.30'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 1.3  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.02  
 SD/PH:  
 SW/PH: 1.02  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	27.96	39.30	25.65	7.19	0.13	0.16		0.13		1.32	0.91	
5.	27.59	39.30	25.77	7.20								
10.	27.40	39.30	25.83	7.24								
15.	26.58	39.25	26.07	7.27	0.05	0.15		0.12		1.25	1.00	
20.	22.95	39.19	27.13	7.75								
25.	20.84	39.07	27.65	8.26	0.05	0.14		0.12		1.23	0.94	
30.	19.10	39.00	28.06	8.57								
40.	17.94	39.02	28.38	8.61								
50.	16.88	38.99	28.61	8.50	0.15	0.14		0.15		1.84	0.90	
60.	16.42	38.97	28.71	8.19								
70.	16.13	38.98	28.79	8.01								
75.	16.03	38.99	28.82	7.97	0.20	0.14		0.11		1.76	0.84	
80.	15.89	39.00	28.86	7.88								
90.	15.71	39.00	28.90	7.72								
100.	15.52	38.99	28.94	7.46	0.14	0.14		1.08		2.18	0.79	
125.	15.29	38.98	28.98	7.11								
150.	15.12	38.97	29.01	6.92	0.05	0.20		2.52		2.85	0.78	
200.	14.84	38.95	29.06	6.58	0.11	0.21		2.57		3.78	0.72	
250.	14.50	38.89	29.09	6.23	0.17	0.29		3.50		5.04	0.71	
300.	14.29	38.85	29.11	5.98	0.04	0.29		4.70		5.69	0.70	
400.	14.06	38.80	29.13	5.77	0.04	0.34		5.56		6.71	0.69	
500.	13.87	38.76	29.14	5.58	0.22	0.37		5.24		8.00	0.66	
600.	13.79	38.74	29.14	5.57								
700.	13.72	38.71	29.15	5.47								
750.	13.70	38.71	29.15	5.46	0.23	0.37		5.12		9.29	0.56	
800.	13.67	38.70	29.15	5.47								
900.	13.64	38.69	29.15	5.48								
975.	13.62	38.68	29.15	5.49								
1000.	13.62	38.68	29.15	5.48	0.08	0.40		6.86		9.59	0.57	
1100.	13.61	38.67	29.15	5.52								

STATION NUMBER: E30H30  
 TOTAL DEPTH: 2300.0 m.  
 PLACE:  
 DATE: 25-07-68  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 22:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31.30'  
 LATITUDE: 34.30'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 3.5  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 0.85  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.36	39.24	25.47	6.65	0.09	0.15		0.10	1.41	0.99		
5.	28.03	39.28	25.61	6.69								
10.	27.54	39.24	25.74	6.73								
15.	24.74	39.15	26.56	7.02	0.04	0.14		0.13	1.20	1.08		
20.	22.08	39.08	27.30	7.54								
25.	20.42	39.00	27.71	7.87	-11	0.16		0.13	1.20	0.96		
30.	19.10	38.87	27.96	8.09								
40.	18.07	38.87	28.22	8.12								
50.	17.12	38.87	28.46	7.95	-11	0.15		0.11	1.18	0.89		
60.	16.96	38.92	28.54	7.70								
70.	16.76	38.95	28.61	7.48								
75.	16.65	38.95	28.64	7.37	0.04	0.14		0.12	1.42	0.87		
80.	16.58	38.96	28.66	7.30								
90.	16.46	38.98	28.71	7.16								
100.	16.33	38.97	28.74	7.05	-11	0.15		0.11	1.97	0.89		
125.	15.99	38.95	28.80	6.83								
150.	15.79	38.96	28.85	6.70	-11	0.16		1.16	1.84	0.92		
200.	15.38	38.96	28.95	6.37	0.05	0.19		2.13	2.37	0.79		
250.	15.02	38.95	29.03	6.30	0.23	0.19		2.63	2.46	0.71		
300.	14.68	38.91	29.07	5.99	0.04	0.27		3.98	4.07	0.73		
400.	14.26	38.84	29.11	5.69	-11	0.31		5.29	6.07	0.71		
500.	14.02	38.79	29.13	5.51	0.07	0.36		5.74	7.36	0.64		
600.	13.87	38.75	29.14	5.46								
700.	13.78	38.73	29.14	5.42								
750.	13.72	38.71	29.14	5.41	0.10	0.36		5.94	9.48	0.61		
800.	13.70	38.70	29.15	5.39								
900.	13.68	38.70	29.15	5.44								
975.	13.67	38.69	29.15	5.41								
1000.	13.66	38.69	29.15	5.48	0.04	0.36		5.64	10.75	0.61		
1100.	13.64	38.68	29.15	5.50								



STATION NUMBER: E30P00  
 TOTAL DEPTH: 2300.0 m.  
 PLACE:  
 DATE: 26-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 01:40  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 32.0°  
 LATITUDE: 34.30°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 1.3  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.56  
 SD/PH:  
 SW/PH: 0.61  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N	Si	TOC	CHL-a
								+ NO2-N			
0.	28.53	39.31	25.47	6.30	0.04	0.16		0.21	1.43	0.90	
5.	28.10	39.32	25.62	6.36							
10.	27.68	39.28	25.73	6.37							
15.	23.93	39.07	26.75	6.75	0.14	0.14		0.48	1.27	0.86	
20.	21.38	38.99	27.43	7.31							
25.	19.78	38.91	27.81	7.54	0.30	0.18		0.48	1.11	0.88	
30.	19.12	38.94	28.01	7.54							
40.	17.81	38.89	28.30	7.57							
50.	17.40	38.96	28.46	7.51	0.07	0.16		0.75	1.18	0.83	
60.	17.19	38.99	28.54	7.36							
70.	16.78	38.98	28.63	7.33							
75.	16.57	38.98	28.68	7.22	0.25	0.14		0.66	1.73	0.80	
80.	16.44	38.96	28.70	7.21							
90.	16.30	38.97	28.74	7.04							
100.	16.22	39.01	28.79	7.11	0.04	0.14		0.44	1.27	0.81	
125.	16.00	39.01	28.84	6.88							
150.	15.91	39.01	28.86	6.74	0.05	0.15		0.54	1.77	0.78	
200.	15.74	39.00	28.89	6.52	0.10	0.16		1.13	1.43	0.75	
250.	15.52	38.99	28.94	6.35	0.04	0.21		1.70	1.58	0.73	
300.	15.10	38.96	29.02	6.16	0.10	0.23		2.45	2.59	0.65	
400.	14.38	38.85	29.10	5.71	0.15	0.28		3.76	4.74	0.59	
500.	14.04	38.79	29.13	5.52	0.04	0.33		5.62	6.64	0.55	
600.	13.87	38.75	29.14	5.47							
700.	13.76	38.72	29.14	5.39							
750.	13.72	38.71	29.14	5.40	0.06	0.38		5.12	9.04	0.60	
800.	13.70	38.70	29.14	5.35							
900.	13.65	38.69	29.15	5.40							
975.	13.63	38.68	29.15	5.44							
1000.	13.62	38.68	29.15	5.45	0.40	0.35		5.89	9.88	0.49	
1100.	13.61	38.67	29.15	5.48							

STATION NUMBER: F00P00  
 TOTAL DEPTH: 2000.0 m.  
 PLACE:  
 DATE: 26-07-68  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 12:05  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 32. 0'  
 LATITUDE: 35. 0'  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS: 0.58  
 SD/Hg: SD/Cd: SD/Pl:   
 SW/Hg: 3.0 SW/Cd: SW/Pl: 0.40  
 SM/Hg: SM/Cd: FC/0m.:   
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.78	39.32	25.39	6.60	-11	0.22		0.16	1.27	0.91		
5.	28.44	39.30	25.49	6.64								
10.	27.21	39.29	25.89	6.75								
15.	24.29	39.19	26.73	7.15	0.17	0.16		0.10	0.86	0.82		
20.	21.08	39.07	27.35	7.61								
25.	20.16	39.04	27.80	7.91	0.05	0.15		0.19		0.87		
30.	18.98	39.03	28.11	8.13								
40.	17.80	39.01	28.40	8.18								
50.	16.93	38.98	28.59	8.07	0.12	0.14		0.47	1.33	0.77		
60.	16.48	38.97	28.70	7.90								
70.	16.21	38.96	28.76	7.73								
75.	16.07	38.96	28.79	7.63	0.11	0.14		0.12	1.39	0.80		
80.	16.02	38.96	28.80	7.47								
90.	15.89	38.97	28.84	7.35								
100.	15.73	38.97	28.87	7.24	0.05	0.14		0.15	1.54	0.71		
125.	15.51	38.98	28.93	6.93								
150.	15.33	38.98	28.97	6.81	0.06	0.16		1.61	1.99	0.71		
200.	14.97	38.95	29.04	6.52	0.17	0.21		2.90	2.95	0.71		
250.	14.65	38.91	29.08	6.21	0.04	0.26		4.48	4.23	0.96		
300.	14.34	38.85	29.10	5.93	0.08	0.31		4.87	5.41	0.58		
400.	14.02	38.79	29.13	5.69	0.07	0.34		5.36	6.68	0.57		
500.	13.87	38.75	29.14	5.55	0.04	0.36		6.05	7.95	0.55		
600.	13.76	38.72	29.14	5.48								
700.	13.71	38.71	29.14	5.46								
750.	13.68	38.70	29.15	5.43	0.07	0.36		6.35	9.16	0.62		
800.	13.67	38.70	29.15	5.47								
900.	13.63	38.69	29.15	5.45								
975.	13.61	38.68	29.15	5.48								
1000.	13.61	38.68	29.15	5.47	0.24	0.36		6.98	9.68	0.58		
1100.	13.60	38.67	29.15	5.50								

STATION NUMBER: FOON30  
 TOTAL DEPTH: 2200.0 m.  
 PLACE:  
 DATE: 26-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 16:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31.30°  
 LATITUDE: 35. 0°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 1.9  
 SM/Hg:  
 BOD-5:  
 TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 TSS: 1.18  
 SD/PH:  
 SW/PH: 0.20  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	29.17	39.30	25.24	6.95	-11	0.15		0.14	1.24	0.86		
5.	28.45	39.32	25.50	7.04								
10.	27.77	39.36	25.75	7.10								
15.	24.20	39.22	26.78	7.52	0.03	0.14		0.11	1.32	0.85		
20.	21.76	39.19	27.47	8.03								
25.	19.49	39.12	28.04	8.42	0.04	0.15		0.22	1.35	0.85		
30.	18.31	39.09	28.33	8.57								
40.	17.25	39.00	28.53	8.39								
50.	16.61	38.99	28.68	8.16	0.04	0.16		0.11		0.83		
60.	16.27	38.99	28.76	7.96								
70.	16.00	38.99	28.83	7.71								
75.	15.92	38.99	28.85	7.61	0.20	0.15		1.97	1.51	0.76		
80.	15.79	38.99	28.87	7.56								
90.	15.62	38.98	28.90	7.34								
100.	15.61	38.99	28.92	7.17		0.14		1.93	1.72	0.70		
125.	15.42	38.98	28.96	6.98								
150.	15.16	38.96	29.00	6.68	0.04	0.19		2.60	2.71	0.64		
200.	14.89	38.94	29.05	6.48	0.12	0.23		3.18	2.99	0.69		
250.	14.58	38.89	29.08	6.09	0.17	0.29		4.13	4.21	0.66		
300.	14.32	38.85	29.10	5.91	0.11	0.32		4.78	5.48	0.65		
400.	13.98	38.78	29.13	5.62	0.20	0.36		5.59	7.57	0.54		
500.	13.83	38.75	29.14	5.50	0.04	0.37		6.09	7.99	0.58		
600.	13.74	38.72	29.14	5.46								
700.	13.68	38.70	29.14	5.42								
750.	13.66	38.70	29.15	5.45	0.17	0.37		5.91	9.56	0.60		
800.	13.64	38.69	29.15	5.43								
900.	13.61	38.68	29.15	5.42								
975.	13.60	38.68	29.15	5.41								
1000.	13.60	38.67	29.15	5.45	0.06	0.37		5.85	9.79	0.58		
1100.	13.59	38.67	29.15	5.48								

STATION NUMBER: F55000  
 TOTAL DEPTH: 900.0 m.  
 PLACE:  
 DATE: 27-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 10:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 33. 0°  
 LATITUDE: 35.55°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: -11  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.78  
 SD/PH:  
 SW/PH: 1.63  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	28.15	39.00	25.36	6.49	0.15	0.14		0.76	1.60	0.86		
5.	28.10	39.00	25.38	6.51								
10.	27.67	39.00	25.52	6.55								
15.	26.69	39.12	25.93	6.64	0.15	0.18		0.12	1.47	0.94		
20.	26.44	39.13	26.02	6.71								
25.	24.98	39.05	26.42	6.86	0.15	0.10		0.10	1.93	0.87		
30.	24.19	39.05	26.66	6.97								
40.	23.34	38.99	26.87	7.00								
50.	21.22	38.99	27.48	7.26	0.12	0.12		0.11	1.71	0.83		
60.	19.11	38.99	28.05	7.42	0.14	0.09		0.28	1.56	0.78		
70.	18.11	38.99	28.31	7.49								
75.	17.72	39.00	28.41	7.59	0.12	0.12		0.11	1.49	0.78		
80.	17.26	38.98	28.52	7.55								
90.	16.78	38.99	28.64	7.40	0.14	0.11		0.11	1.48	0.78		
100.	16.65	38.98	28.66	7.28								
115.					0.09	0.13		0.05	1.37	0.73		
125.	16.43	38.97	28.71	7.04								
145.					0.17	0.12		1.52	1.41	0.78		
150.	16.22	38.98	28.76	6.92								
175.					0.08	0.12		1.88	1.35	0.71		
200.	15.84	38.98	28.86	6.61								
230.					0.12	0.09		1.60	2.07	0.73		
250.	15.36	38.96	28.95	6.27								
290.					0.02	0.19		3.23	3.03	0.68		
300.	14.88	38.91	29.03	5.99								
400.	14.14	38.80	29.11	5.64								
430.					0.02	0.24		4.83	6.28	0.62		
500.	13.83	38.74	29.13	5.44								
600.	13.71	38.71	29.14	5.36								
700.	13.63	38.69	29.14	5.31								
750.	13.62	38.68	29.15	5.33								
800.	13.60	38.68	29.15	5.34								

STATION NUMBER: GOOROO  
 TOTAL DEPTH: 880.0 m.  
 PLACE:  
 DATE: 28-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 06:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 34. 0'  
 LATITUDE: 36. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 2.2  
 SM/Hg:  
 ROD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.50  
 SD/PH:  
 SW/PH: 0.15  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.83	39.34	25.38	5.84	0.11	0.13		0.14	1.16	0.87		
5.	29.07	39.21	25.21	5.91								
10.	29.08	39.20	25.20	5.94								
15.	25.40	39.01	26.25	6.30	0.17	0.13		0.59	1.18	0.77		
20.	23.50	39.04	26.85	6.67								
25.	22.15	39.03	27.24	6.92	0.09	0.13		0.36	1.13	0.74		
30.	20.97	39.02	27.57	7.03								
40.	19.21	39.02	28.05	7.19								
50.	18.27	38.97	28.25	7.25	0.04	0.15		0.19	1.32	0.75		
60.	17.64	38.98	28.42	7.23								
70.	17.19	38.99	28.54	7.19								
75.	17.04	38.98	28.57	7.17	0.04	0.16		0.10	1.13	0.76		
80.	16.86	38.98	28.61	7.13								
90.	16.64	38.97	28.66	7.01								
100.	16.48	38.97	28.69	6.89	0.12	0.14		0.09	1.09	0.77		
125.	16.26	38.97	28.75	6.68								
150.	16.08	38.98	28.80	6.55	0.07	0.14		0.48	1.43	0.59		
200.	15.77	38.98	28.88	6.39	0.04	0.14		0.87	1.56	0.61		
250.	15.37	38.96	28.96	6.12	0.19	0.14		2.42	2.19	0.60		
300.	14.75	38.89	29.05	5.81	0.11	0.20		2.27	2.82	0.62		
400.	14.11	38.79	29.11	5.47	0.08	0.24		5.00	3.24	0.49		
500.	13.85	38.74	29.13	5.36	0.13	0.32		5.94	8.28	0.43		
600.	13.72	38.71	29.14	5.32								
700.	13.64	38.69	29.14	5.28								
750.	13.61	38.68	29.15	5.30	0.23	0.39		5.76	9.56	0.43		
800.	13.59	38.68	29.15	5.29								

STATION NUMBER: F55R30  
 TOTAL DEPTH: 750.0 m.  
 PLACE:  
 DATE: 28-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 10:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 34.30'  
 LATITUDE: 35.55'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: -11  
 SM/Hg:  
 BOD-5:  
 TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:  
 TSS: 0.84  
 SD/PH:  
 SW/PH: 0.71  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	PH	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	29.25	39.19	25.13	6.82	0.12	0.13		0.10	1.20	0.86	
5.	29.14	39.18	25.16	6.86							
10.	27.47	39.22	25.75	7.07							
15.	24.30	39.14	26.69	7.67	0.16	0.13		0.11	2.13	0.84	
20.	22.15	39.00	27.22	7.97							
25.	21.05	39.06	27.58	8.01	0.20	0.14		0.11	1.13	0.79	
30.	19.47	39.04	27.99	8.20							
40.	18.13	38.99	28.30	8.12							
50.	17.60	38.98	28.43	7.96	-11	0.14		0.09	1.43	0.77	
60.	17.15	38.98	28.54	7.82							
70.	16.87	38.96	28.60	7.66							
75.	16.77	38.98	28.63	7.60	0.13	0.13		0.08	1.20	0.75	
80.	16.70	38.97	28.64	7.53							
90.	16.60	38.97	28.67	7.42							
100.	16.47	38.97	28.70	7.29	0.17	0.13		0.09	1.27	0.70	
125.	16.25	38.98	28.76	7.11							
150.	16.06	38.98	28.81	6.91	0.13	0.13		0.55	1.35	0.71	
200.	15.64	38.98	28.90	6.52	0.17	0.16		1.50	3.34	0.73	
250.	14.99	38.93	29.02	6.15	0.28	0.21		3.24	3.41	0.61	
300.	14.38	38.85	29.09	5.85	0.14	0.28		4.46	5.20	0.57	
400.	13.86	38.75	29.13	5.58	0.12	0.36		5.87	8.80	0.51	
500.	13.71	38.71	29.14	5.44	0.22	0.37		5.65	9.30	0.50	
600.	13.61	38.69	29.15	5.41							
700.	13.53	38.67	29.15	5.36							
750.	13.53	38.67	29.15	5.36	0.19	0.35		5.65	10.58	0.52	

STATION NUMBER: G10R20  
 TOTAL DEPTH: 720.0 m.  
 PLACE:  
 DATE: 28-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 13:10  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 34.20°  
 LATITUDE: 36.10°  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.56  
 SD/PH:  
 SW/PH: 0.38  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-H	NO3-N		Si	TOC	CHL-a
								+	NO2-H			
0.	28.87	39.28	25.32	6.15	0.09	0.14		0.10	0.97	0.85		
5.	28.61	39.28	25.42	6.79								
10.	28.32	39.27	25.50	7.00								
15.	26.92	39.26	25.96	7.09	0.07	0.16		0.09	1.01	0.83		
20.	23.06	39.11	27.04	7.62								
25.	22.02	39.10	27.34	7.87	0.04	0.10		0.42	1.16	0.82		
30.	20.56	39.06	27.72	7.97								
40.	18.81	39.03	28.16	8.13								
50.	17.93	38.99	28.36	8.10	0.14	0.14		0.64	1.05	0.81		
60.	17.58	38.98	28.43	7.97								
70.	17.16	38.98	28.54	7.88								
75.	17.01	38.98	28.57	7.84	0.14	0.14			1.13	0.79		
80.	16.91	38.97	28.59	7.74								
90.	16.71	38.98	28.65	7.63								
100.	16.56	38.97	28.68	7.47	0.21	0.15		0.76	1.28	0.77		
125.	16.33	38.98	28.74	7.30								
150.	16.13	38.98	28.79	7.07	0.13	0.16		1.34	1.37	0.71		
200.	15.78	38.98	28.88	6.78	0.09	0.16		1.48	1.81	0.70		
250.	15.23	38.95	28.98	6.41	0.08	0.18		3.15	3.33	0.64		
300.	14.65	38.89	29.06	6.05	0.17	0.28		4.63	5.24	0.57		
400.	13.96	38.77	29.13	5.67	0.26	0.28		5.01	8.51	0.56		
500.	13.72	38.72	29.14	5.54	0.13	0.36		6.11	9.49	0.54		
600.	13.59	38.69	29.15	5.43								

STATION NUMBER: G10508  
 TOTAL DEPTH: 270.0 m.  
 PLACE:  
 DATE: 28-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 18:40  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35. 8'  
 LATITUDE: 36.10'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.48  
 SD/PH:  
 SW/PH: 1.20  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	28.94	39.23	25.27	6.73	0.12	0.16		0.66	1.26	0.79	
5.	28.73	39.24	25.34	6.78							
10.	28.41	39.21	25.43	6.66							
15.	28.38	39.21	25.44	6.87	0.04	0.15		0.13	1.37	0.75	
20.	28.36	39.21	25.45	6.87							
25.	28.33	39.21	25.46	6.87	0.04	0.14		0.21	1.30	0.79	
30.	28.29	39.22	25.48	6.85							
40.	27.35	39.18	25.76	6.90							
50.	25.26	39.13	26.40	7.13	0.06	0.18		0.25	1.18	0.76	
60.	22.10	39.07	27.29	7.44							
70.	18.76	39.04	28.18	7.93							
75.	18.06	38.95	28.29	7.93	0.07	0.14		0.10	1.11	0.73	
80.	17.99	38.94	28.30	7.84							
90.	17.54	38.97	28.44	7.81							
100.	17.06	38.97	28.55	7.70	0.07	0.15		0.08	1.16	0.71	
125.	16.63	38.97	28.66	7.47							
150.	16.42	38.97	28.71	7.22	0.29	0.11		0.39	1.30	0.66	
200.	16.06	38.99	28.81	6.97	0.19	0.14		3.76	1.51	0.64	
250.	15.55	38.98	28.93	6.62							



STATION NUMBER:F55504  
 TOTAL DEPTH: 1180.0 m.  
 PLACE:  
 DATE:28-07-88  
 BAROMETRIC PRESSURE:1004  
 CLOUD:bc  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:R  
 TIME:21:00  
 AIR TEMPERATURE:  
 WAVE STATE:2  
 VISIBILITY:6

CHARACTER  
 LONGITUDE:35. 4'  
 LATITUDE:35.55'  
 WIND:4  
 WIND DIRECTION:5

OS:ND  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 BOD-5:

TR:0.55  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:0.80  
 SD/PH:  
 SW/PH:13.14  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	FO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	29.05	39.26	25.25	6.26	0.04	0.15		0.41	1.13	0.81		
5.	28.83	39.27	25.33	6.31								
10.	28.46	39.20	25.41	6.35								
15.	27.96	39.14	25.53	6.39	0.05	0.14		1.30	1.16	0.79		
20.	26.43	39.20	26.07	6.53								
25.	23.86	39.14	26.83	6.89	0.04	0.14		0.09	1.13	0.77		
30.	21.37	39.04	27.47	7.36								
40.	19.48	39.02	27.98	7.62								
50.	18.35	39.00	28.26	7.61	0.05	0.12		7.26	1.16	0.73		
60.	17.73	38.99	28.40	7.52								
70.	17.20	38.99	28.53	7.45								
75.	16.93	38.99	28.60	7.41	0.04	0.12		1.06	1.30	0.73		
80.	16.68	38.97	28.64	7.34								
90.	16.52	38.95	28.67	7.14								
100.	16.47	38.95	28.68	7.05	0.13	0.14		0.19	1.43	0.68		
115.					0.10	0.12		0.31	1.35	0.66		
125.	16.34	38.97	28.73	6.93								
150.	16.01	38.98	28.82	6.81								
155.					0.10	0.13		0.90	1.56	0.65		
192.					0.07	0.19		2.83	3.29	0.61		
200.	15.50	38.97	28.93	6.47								
230.					0.18	0.28		4.70	5.30	0.54		
250.	14.67	38.89	29.06	6.02								
300.	14.24	38.82	29.10	5.82								
306.					0.11	0.35		5.19	7.75	0.52		
383.					0.04	0.39		6.11	8.94	0.52		
400.	13.89	38.75	29.13	5.55								
500.	13.73	38.72	29.14	5.49								
575.					0.07	0.34		5.84	8.54	0.52		
600.	13.66	38.70	29.14	5.40								
700.	13.61	38.69	29.15	5.40								
750.	13.60	38.68	29.15	5.39								
766.					0.06	0.32		5.96	10.20	0.50		
800.	13.59	38.68	29.15	5.38								
900.	13.57	38.67	29.15	5.43								
975.	13.56	38.67	29.15	5.46								
1000.	13.56	38.67	29.15	5.47								
1100.	13.57	38.66	29.15	5.52								

STATION NUMBER: F55925  
 TOTAL DEPTH: 1100.0 m.  
 PLACE:  
 DATE: 29-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 00:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35.25'  
 LATITUDE: 35.55'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 0.38  
 SD/PH:  
 SW/PH: 7.76  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	chl-a
0.	28.78	39.22	25.31	6.28	0.04	0.14		0.13	1.37	0.79	
5.	28.77	39.22	25.32	6.32							
10.	28.79	39.22	25.31	6.32							
15.	28.68	39.23	25.36	6.33	0.15	0.15		0.24	1.35	0.80	
20.	28.19	39.21	25.51	6.35							
25.	28.05	39.20	25.55	6.32	0.21	0.12		0.35	1.43	0.83	
30.	27.80	39.18	25.62	6.35							
40.	27.04	39.17	25.86	6.44							
50.	25.61	39.13	26.28	6.61	0.07	0.14		0.10	1.38	0.78	
60.	22.81	39.07	27.09	6.87							
70.	19.54	39.02	27.96	7.22							
75.	18.00	38.99	28.33	7.41	0.04	0.14		0.09	1.16	0.74	
80.	17.83	38.96	28.35	7.35							
90.	17.25	38.94	28.49	7.28	0.04	0.09		0.10	1.67	0.80	
100.	16.95	38.94	28.56	7.15							
125.	16.62	38.95	28.65	6.94							
130.					0.04	0.13		0.15	1.16	0.69	
150.	16.49	38.95	28.68	6.73							
174.					0.20	0.17		1.22		0.68	
200.	16.38	38.96	28.72	6.58							
250.	16.20	38.97	28.77	6.46							
260.					0.05	0.17		1.88	1.37	0.64	
300.	15.16	38.94	28.99	6.06							
350.						0.18		3.68		0.56	
400.	14.19	38.81	29.10	5.58							
435.					-11	0.35		5.65	7.01	0.50	
500.	13.89	38.75	29.13	5.45							
600.	13.76	38.72	29.14	5.27							
650.					0.18	0.38		6.06	9.10	0.44	
700.	13.69	38.70	29.14	5.31							
750.	13.66	38.69	29.14	5.34							
800.	13.65	38.69	29.14	5.34							
900.	13.62	38.68	29.15	5.37							
975.	13.60	38.67	29.15	5.37							
1000.	13.60	38.67	29.15	5.42							

STATION NUMBER: G10S30  
 TOTAL DEPTH: 290.0 m.  
 PLACE:  
 DATE: 29-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 00:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35.30'  
 LATITUDE: 36.10'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 1.32  
 SD/PH:  
 SW/PH: 0.60  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	28.48	39.22	25.42	5.93	0.08	0.17		0.24	1.39	0.75	0.04	
5.	28.48	39.22	25.42	5.95								
10.	28.48	39.23	25.42	5.96								
15.	28.35	39.22	25.46	5.96	0.04	0.17		0.12	1.28	0.77	0.08	
20.	28.12	39.19	25.52	5.99								
25.	28.02	39.19	25.54	6.02	0.12	0.15		0.11	1.40	0.80	0.08	
30.	27.96	39.18	25.56	6.00								
40.	27.76	39.18	25.63	6.03								
50.	27.51	39.16	25.70	6.06	0.04	0.15		0.11	1.22	0.79	0.08	
60.	25.57	39.11	26.28	6.24								
70.	25.08	39.08	26.41	6.35								
75.	24.74	39.08	26.51	6.37	0.04	0.15		0.11	1.03	0.76	0.16	
80.	23.83	39.07	26.79	6.45								
90.	19.82	39.03	27.89	6.89								
100.	18.17	39.01	28.31	7.11	-11	0.15		0.15	1.13	0.77	0.20	
125.	16.82	38.95	28.60	7.00								
150.	16.61	38.95	28.65	6.81	0.21	0.14		0.40	1.11	0.71	0.29	
200.	16.39	38.96	28.71	6.60	0.15	0.14		0.84	1.26	0.69	0.08	
250.	16.19	38.97	28.77	6.52	0.18	0.16		0.75	1.35	0.66		

STATION NUMBER: K-18  
 TOTAL DEPTH: 30.0 m.  
 PLACE:  
 DATE: 23-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 02:50  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.42'  
 LATITUDE: 36.53'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:  
 COD: 0.96

TSS: 0.82  
 SD/PH:  
 SW/PH: 3.66  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	29.40	37.94	24.14	6.38	0.31	0.19		14.81	8.04	0.83		
5.	29.33	38.10	24.28	6.39								
10.	27.55	38.83	25.43	6.59								
15.	25.93	38.82	25.95	6.79								
20.	24.61	38.92	26.43	6.90								

STATION NUMBER: K-19  
 TOTAL DEPTH: 20.0 m.  
 PLACE:  
 DATE: 22-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 22:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31.29'  
 LATITUDE: 36.43'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SH/Cd:

TSS: 2.17  
 SD/PH:  
 SW/PH: 1.61  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	30.01	38.42	24.29	6.23	0.35	0.13		13.33	24.11	0.66		
5.	29.63	38.74	24.67	6.46								

STATION NUMBER: K-23  
 TOTAL DEPTH: 15.0 m.  
 PLACE:  
 DATE: 29-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 15:00  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg:  
 SH/Hg:  
 BOD-5:

TR:  
 SD/cd:  
 SW/cd:  
 SM/cd:

TSS: 6.45  
 SD/PH:  
 SW/PH: 10.13  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	29.15	38.30	24.50	7.62	0.07	0.22		0.19	3.69	1.06		
5.	28.85	38.66	24.87	7.60								
10.	28.27	39.01	25.33	7.59								

STATION NUMBER: K-25  
 TOTAL DEPTH: 12.0 m.  
 PLACE:  
 DATE: 29-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 13:20  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS: 2.88  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH: 4.59  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	29.38	38.10	24.27	6.52	0.30	0.18		0.14	5.19	1.10		
5.	29.37	38.10	24.27	6.56								
10.	28.58	39.11	25.30	6.60								

STATION NUMBER: K-26  
 TOTAL DEPTH: 20.0 m.  
 PLACE:  
 DATE: 29-07-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 11:00  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS:  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH:  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	29.86	38.00	24.03	6.68	0.44	0.69		0.14	5.94	1.18		
5.	29.76	38.00	24.07	6.73								
10.	29.76	38.01	24.07	6.65								
15.	29.33	38.40	24.51	6.60								



STATION NUMBER: A-23(G45K20) SEASON:  
 TOTAL DEPTH: 92.0 m. STATION TYPE:C  
 PLACE:  
 DATE:05-10-88 TIME:15:00 CHARACTER  
 BAROMETRIC PRESSURE:1019 AIR TEMPERATURE: LONGITUDE:28.20'  
 CLOUD:b WAVE STATE:1 LATITUDE:36.45'  
 SECCHI DISK DEPTH: VISIBILITY:6 WIND:3  
 WIND DIRECTION:H  
 OS:NO IR:-11 TSS:0.50  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH:0.40  
 SH/Hg: SH/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N	Si	TOC	CHL-a
0.	24.55	39.30	26.74	7.14	0.22			0.17		0.59	
5.	24.53	39.30	26.74	7.13							
10.	24.39	39.32	26.00	7.11							
15.	24.74	39.32	26.84	7.09							
20.	24.23	39.31	26.04	7.09							
25.	24.14	39.29	26.86	7.09	0.16			0.24		0.62	
30.	23.70	39.18	26.91	7.17							
40.	20.40	38.96	27.60	7.07							
50.	18.59	38.95	28.15	6.08	0.15			0.20		0.56	
60.	17.76	38.95	28.36	6.06							
70.	17.18	38.96	28.51	7.91							
75.	16.98	38.97	28.57	7.84	0.10			0.21		0.50	

STATION NUMBER: A-25(G46K23) SEASON:  
 TOTAL DEPTH: 92.0 m. STATION TYPE:C  
 PLACE:  
 DATE:05-10-88 TIME:17:40 CHARACTER  
 BAROMETRIC PRESSURE:1010 AIR TEMPERATURE: LONGITUDE:28.23'  
 CLOUD:bc WAVE STATE:3 LATITUDE:36.46'  
 SECCHI DISK DEPTH: VISIBILITY:6 WIND:5  
 WIND DIRECTION:HW  
 OS:NO IR:-11 TSS:0.52  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH:0.84  
 SH/Hg: SH/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N	Si	TOC	CHL-a
0.	24.31	39.30	26.81	6.25	0.51			0.18		0.64	
5.	24.31	39.30	26.81	6.25							
10.	24.30	39.30	26.81	6.27							
15.	24.22	39.30	26.84	6.30							
20.	23.68	39.19	26.92	6.43							
25.	23.20	39.13	27.02	6.59							
30.	22.25	39.10	27.27	6.76							
40.	19.89	39.01	27.86	7.18							
50.	18.63	38.96	28.15	7.38							
60.	18.18	38.95	28.26	7.32							
70.	17.19	38.97	28.52	7.35							
75.	17.06	38.96	28.55	7.27							



STATION NUMBER: A-26(G46K2B)	SEASON:	
TOTAL DEPTH: 108.0 m.	STATION TYPE:C	
PLACE:		CHARACTER
DATE:05-10-88	TIME:18:15	LONGITUDE:28.28°
BAROMETRIC PRESSURE:1019	AIR TEMPERATURE:	LATITUDE:36.46°
CLOUD:bc	WAVE STATE:4	WIND:5
SECCHI DISK DEPTH:	VISIBILITY:6	WIND DIRECTION:HW
OS:NO	TR:-11	TSS:0.86
SD/Hg:	SD/Cd:	SD/PH:
SW/Hg:6.5	SW/Cd:	SW/PH:2.90
SM/Hg:	SM/Cd:	FC/0m.:
ROD-5:		FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-H	NO3-H		Si	TOC	CHL-a
								+	NO2-H			
0.	24.49	39.31	26.76	6.11	0.16			0.15		0.59		-11
5.	24.48	39.31	26.76	6.09								
10.	24.50	39.31	26.76	6.13								
15.	24.49	39.31	26.76	6.14								
20.	24.50	39.31	26.76	6.16								
25.	23.11	39.08	27.00	6.33	0.10			0.15		0.59		-11
30.	22.47	39.08	27.19	6.59								
40.	20.84	38.99	27.59	6.92								
50.	19.59	38.94	27.89	7.13	0.10			0.15		0.57		0.02
60.	18.02	38.96	28.31	7.32								
70.	17.21	38.96	28.51	7.20								
75.	16.96	38.97	28.58	7.17	0.21			0.18		0.59		-11
80.	16.92	38.96	28.58	7.11								
90.	16.82	38.96	28.61	7.07								
100.	16.82	38.96	28.61	7.07	0.24			0.26		0.47		0.09

STATION NUMBER: A-27(G42K58)  
 TOTAL DEPTH: 117.0 m.  
 PLACE:  
 DATE:05-10-88  
 BAROMETRIC PRESSURE:1020  
 CLOUD:bc  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:C  
 TIME:22:40  
 AIR TEMPERATURE:  
 WAVE STATE:3  
 VISIBILITY:6

CHARACTER  
 LONGITUDE:28.58'  
 LATITUDE:36.42'  
 WIND:3  
 WIND DIRECTION:NW

OS:NO  
 SD/Hg:  
 SW/Hg:10.0  
 SM/Hg:  
 BOO-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:0.78  
 SD/PH:  
 SW/PH:  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	SI	TOC	CHL-m
0.	25.01	39.25	26.56	6.10	0.20	0.18		0.18		0.61	
5.	25.02	39.25	26.56	6.12							
10.	25.02	39.25	26.55	6.15							
15.	25.02	39.25	26.56	6.17							
20.	25.02	39.25	26.56	6.20							
25.	25.02	39.25	26.56	6.21	0.06	0.16		0.16		0.60	
30.	24.73	39.24	26.63	6.25							
40.	20.49	38.99	27.68	6.90							
50.	18.83	38.97	28.11	7.24	0.07	0.14		0.18		0.53	
60.	17.88	38.96	28.34	7.31							
70.	17.29	38.96	28.49	7.27							
75.	17.05	38.96	28.55	7.19	0.02	0.12		0.37		0.48	
80.	16.80	38.97	28.62	7.11							
90.	16.51	38.97	28.69	7.03							
100.	16.51	38.97	28.69	7.03	0.15	0.12		0.50		0.44	

STATION NUMBER: A-28(G38L03)

SEASON:

TOTAL DEPTH: 68.0 m.

STATION TYPE:C

PLACE:

CHARACTER

DATE:05-10-88

TIME:24:00

LONGITUDE:29. 3'

BAROMETRIC PRESSURE:1020

AIR TEMPERATURE:

LATITUDE:36.38'

CLOUD:bc

WAVE STATE:3

WIND:3

SECCHI DISK DEPTH:

VISIBILITY:6

WIND DIRECTION:NW

OS:NO

TR:

TSS:0.36

SD/Hg:

SD/Cd:

SD/PH:

SW/Hg:

SW/Cd:

SW/PH:

SM/Hg:

SM/Cd:

FC/0m.:

BOD-5:

FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	25.27	39.32	26.53	6.03	0.12			0.20			0.59	
5.	25.27	39.32	26.52	6.01								
10.	25.28	39.32	26.52	6.05								
15.	25.27	39.32	26.53	6.07								
20.	25.28	39.32	26.53	6.09								
25.	25.27	39.31	26.52	6.11								
30.	25.21	39.31	26.54	6.13								
40.	20.73	39.00	27.62	6.93								
50.	18.87	38.98	28.10	7.24								

STATION NUMBER: A-29(G34K59) SEASON:  
 TOTAL DEPTH: 350.0 m. STATION TYPE:C  
 PLACE: CHARACTER  
 DATE:06-10-88 TIME:00:50 LONGITUDE:28.59'  
 BAROMETRIC PRESSURE:1020 AIR TEMPERATURE: LATITUDE:36.34'  
 CLOUD:bc WAVE STATE:2 WIND:3  
 SECCHI DISK DEPTH: VISIBILITY:6 WIND DIRECTION:NW

DS:NO TR: TSS:0.08  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg:5.6 SW/Cd: SW/PH:2.32  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	25.23	39.31	26.53	5.96	0.10			0.17		0.57	
5.	25.24	39.31	26.53	5.99							
10.	25.24	39.31	26.53	6.00							
15.	25.24	39.31	26.53	6.01							
20.	25.23	39.31	26.53	6.03							
25.	25.21	39.30	26.54	6.06	0.10			0.17		0.57	
30.	24.32	39.28	26.79	6.17							
40.	20.49	39.01	27.70	6.93							
50.	19.08	38.98	28.05	7.20	0.10			0.16		0.51	
60.	17.79	38.99	28.38	7.33							
70.	17.26	38.97	28.51	7.21							
75.	17.14	38.97	28.53	7.18	0.06			0.17		0.47	
80.	16.98	38.97	28.57	7.16							
90.	16.68	38.97	28.65	7.10							
100.	16.45	38.97	28.70	7.01	0.12			0.36		0.45	
125.	16.19	38.97	28.77	6.83							
150.	15.92	38.98	28.84	6.82	0.07			0.69		0.39	
200.	15.57	38.98	28.92	6.70	0.06			1.41		0.38	
250.	15.17	38.95	29.00	6.52							
300.	14.68	38.90	29.07	6.20	0.15			2.29		0.34	

STATION NUMBER: A-30(G20M10)  
 TOTAL DEPTH: 1200.0 m.  
 PLACE:  
 DATE:06-10-88  
 BAROMETRIC PRESSURE:1020  
 CLOUD:b  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:C  
 TIME:22:00  
 AIR TEMPERATURE:  
 WAVE STATE:3  
 VISIBILITY:7

CHARACTER  
 LONGITUDE:30.40°  
 LATITUDE:36.20°  
 WIND:5  
 WIND DIRECTION:HW

OS:HO  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 ROD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:2.00  
 SD/PH:  
 SW/PH:2.11  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	26.47	39.38	26.19	6.31	0.23	0.05		0.20		0.58	
5.	26.47	39.38	26.20	6.32							
10.	26.47	39.38	26.20	6.33							
15.	26.47	39.38	26.20	6.34							
20.	26.47	39.38	26.20	6.35							
25.	26.47	39.38	26.20	6.36							
30.	26.46	39.37	26.19	6.37							
40.	23.27	39.01	26.90	6.80							
50.	20.53	39.02	27.69	7.58							
60.	18.73	38.98	28.14	7.79							
70.	17.92	38.97	28.34	7.89							
75.	17.65	38.96	28.40	7.90							
80.	17.30	38.96	28.49	7.88							
90.	16.98	38.96	28.57	7.71							
100.	16.74	38.96	28.63	7.63							
125.	16.37	38.96	28.72	7.36							
150.	16.19	38.97	28.77	7.26							
200.	15.82	38.98	28.86	7.11							
250.	15.43	38.97	28.95	6.80							
300.	14.96	38.93	29.03	6.53							
400.	14.26	38.83	29.11	5.93							
500.	13.99	38.78	29.13	5.70							
600.	13.82	38.74	29.14	5.58							
700.	13.77	38.73	29.14	5.56							
800.	13.72	38.71	29.15	5.58							
900.	13.65	38.69	29.15	5.59							
1000.	13.63	38.68	29.15	5.63							

STATION NUMBER: A-31(G30M40)      SEASON:  
 TOTAL DEPTH: 780.0 m.      STATION TYPE:C  
 PLACE:      CHARACTER  
 DATE:06-10-88      TIME:23:50      LONGITUDE:30.40'  
 BAROMETRIC PRESSURE:1020      AIR TEMPERATURE:      LATITUDE:36.30'  
 CLOUD:B      WAVE STATE:3      WIND:5  
 SECCHI DISK DEPTH:      VISIBILITY:7      WIND DIRECTION:NW  
  
 OS:NO      TR:      TSS:1.44  
 SD/l/g:      SD/PH:      SD/PH:  
 SW/l/g:6.7      SW/Cd:      SW/PH:  
 SM/l/g:      SM/Cd:AE      FC/0m.:0  
 BOD-5:      FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	26.27	39.35	26.24	6.06	0.17	0.06		0.18			0.58	
5.	26.27	39.35	26.24	6.08								
10.	26.27	39.35	26.24	6.09								
15.	26.27	39.35	26.24	6.11								
20.	26.27	39.35	26.24	6.11								
25.	26.27	39.35	26.24	6.15	0.06	0.07		0.19			0.59	
30.	26.26	39.35	26.24	6.15								
40.	25.15	39.26	26.52	6.31								
50.	21.21	38.99	27.48	7.18	0.12	0.07		0.19			0.54	
60.	19.19	38.99	28.03	7.56								
70.	18.23	38.95	28.25	7.50								
75.	17.77	38.96	28.37	7.54	0.10	0.06		0.21			0.49	
80.	17.34	38.96	28.48	7.57								
90.	17.02	38.96	28.56	7.46								
100.	16.73	38.96	28.63	7.37	0.08	0.05		0.19			0.43	
125.	16.41	38.96	28.71	7.21								
150.	16.12	38.97	28.78	7.02	0.16	0.03		0.45			0.38	
200.	15.64	38.98	28.90	6.86	0.13	-11		0.40			0.36	
250.	15.17	38.96	29.00	6.55								
300.	14.53	38.88	29.08	6.10	0.10	0.19		4.24			0.28	
400.	13.99	38.78	29.13	5.67	0.13	0.19		5.66			0.19	

STATION NUMBER: A32-1(G50M45) SEASON:  
 TOTAL DEPTH: 120.0 m. STATION TYPE:C  
 PLACE: CHARACTER  
 DATE:07-10-88 TIME:07:25 LONGITUDE:30.45'  
 BAROMETRIC PRESSURE:1018 AIR TEMPERATURE: LATITUDE:36.50'  
 CLOUD:b WAVE STATE:1 WIND:1  
 SECCHI DISK DEPTH: VISIBILITY:6 WIND DIRECTION:N

OS:HO TR:-11 TSS:  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH:0.35  
 SH/Hg: SH/Cd: FC/0m.:0  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	25.60	39.01	26.19	6.52	0.08			1.19		0.59	
5.	25.66	39.02	26.18	6.51							
10.	25.87	39.14	26.20	6.51							
15.	25.99	39.19	26.20	6.50							
20.	26.17	39.29	26.22	6.47							
25.	26.24	39.34	26.24	6.51							
30.	26.24	39.34	26.24	6.49							
40.	26.08	39.32	26.28	6.52							
50.	21.35	39.06	27.50	7.18							
60.	19.55	38.99	27.93	7.75							
70.	17.84	39.00	28.39	7.93							
75.	17.22	38.99	28.53	7.90							
80.	17.18	38.97	28.53	7.83							
90.	16.94	38.96	28.58	7.72							
100.	16.67	38.97	28.65	7.66							

STATION NUMBER: A32-2(G40M40) SEASON:  
 TOTAL DEPTH: 900.0 m. STATION TYPE:C  
 PLACE: CHARACTER  
 DATE:07-10-88 TIME:05:20 LONGITUDE:30.40'  
 BAROMETRIC PRESSURE:1018 AIR TEMPERATURE: LATITUDE:36.40'  
 CLOUD:b WAVE STATE:1 WIND:0  
 SECCHI DISK DEPTH: VISIBILITY:6 WIND DIRECTION:0  
  
 OS:NO TR:-11 TSS:0.22  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH:0.57  
 SM/Hg: SM/Cd: FC/0m.:0  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	26.11	39.35	26.29	6.15	0.07			0.17		0.56	-11	
5.	26.12	39.35	26.29	6.17								
10.	26.12	39.35	26.29	6.16								
15.	26.12	39.35	26.29	6.17								
20.	26.12	39.35	26.29	6.18								
25.	26.12	39.35	26.29	6.18	0.03			0.17		0.54	0.02	
30.	26.10	39.35	26.29	6.19								
40.	26.09	39.35	26.29	6.25								
50.	21.34	38.99	27.45	7.15	0.04			0.19		0.59	0.07	
60.	18.66	39.00	28.18	7.75								
70.	17.67	38.97	28.40	7.60								
75.	17.48	38.97	28.45	7.55	0.07			0.17		0.48	0.21	
80.	17.25	38.96	28.50	7.59								
90.	16.89	38.96	28.59	7.51								
100.	16.56	38.97	28.68	7.40	0.16			0.25		0.48	0.05	
125.	16.14	38.97	28.78	7.16	0.07			0.49		0.41	-11	
150.	15.90	38.97	28.84	7.05	0.05			0.76		0.37	-11	
200.	15.46	38.97	28.94	6.80	0.10			1.77		0.38		
250.	14.84	38.92	29.04	6.45								
300.	14.30	38.83	29.10	6.01	0.15			5.25		0.24		
400.	13.86	38.75	29.13	5.68	0.27			6.04		0.24		
500.	13.74	38.72	29.14	5.55	0.10			6.20		0.28		
600.	13.69	38.71	29.14	5.52								
700.	13.66	38.70	29.14	5.47								



STATION NUMBER: A-33(G30P00)      SEASON:  
 TOTAL DEPTH: 400.0 m.      STATION TYPE:C  
 PLACE:      CHARACTER  
 DATE:07-10-88      TIME:20:10      LONGITUDE:32. 0'  
 BAROMETRIC PRESSURE:1019      AIR TEMPERATURE:      LATITUDE:36.30'  
 CLOUD:b      WAVE STATE:1      WIND:0  
 SECCHI DISK DEPTH:      VISIBILITY:6      WIND DIRECTION:0  
  
 OS:NO      TR:      TSS:1.94  
 SD/Hg:      SD/Cd:      SD/PH:  
 SW/Hg:      SW/Cd:      SW/PH:0.16  
 SM/Hg:      SM/Cd:      FC/0m.:0  
 ROD-5:      FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	SI	TOC	CHL-m
0.	26.41	39.29	26.15	7.19	0.11			0.18		0.55	
5.	26.54	39.35	26.15	6.55							
10.	26.54	39.36	26.16	6.41							
15.	26.51	39.36	26.16	6.40							
20.	26.50	39.36	26.17	6.38							
25.	26.41	39.35	26.19	6.43							
30.	26.37	39.36	26.22	6.44							
40.	23.65	39.15	26.90	6.83							
50.	20.51	38.98	27.67	7.68							
60.	18.81	38.98	28.12	7.87							
70.	18.00	38.97	28.32	7.91							
75.	17.80	38.97	28.37	7.88							
80.	17.55	38.96	28.42	7.90							
90.	17.18	38.96	28.52	7.74							
100.	16.79	38.96	28.62	7.62							
125.	16.27	38.97	28.74	7.37							
150.	16.06	38.97	28.80	7.23							
200.	15.66	38.97	28.90	7.07							
250.	15.28	38.96	28.98	6.77							
300.	14.85	38.92	29.04	6.43							

STATION NUMBER: A-34(G42S49) SEASON:  
 TOTAL DEPTH: 50.0 m. STATION TYPE:C  
 PLACE: CHARACTER  
 DATE:21-10-88 TIME:13:50 LONGITUDE:35.49'  
 BAROMETRIC PRESSURE:1021 AIR TEMPERATURE: LATITUDE:36.42'  
 CLOUD:bc WAVE STATE:1 WIND:3  
 SECCHI DISK DEPTH: VISIBILITY:6 WIND DIRECTION:N

OS:0 TR:-11 TSS:1.38  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg:5.0 SW/Cd: SW/PH:1.40  
 SM/Hg: SM/Cd: FC/0m.:0  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	25.28	39.15	26.40	7.22	0.14	0.10		0.21		0.77	0.39
5.	25.28	39.15	26.40	7.21							
10.	25.28	39.15	26.40	7.21	0.32	0.09		0.21		0.74	0.37
15.	25.28	39.15	26.40	7.18							
20.	25.28	39.15	26.40	7.20							
25.	25.28	39.15	26.40	7.21	0.35	0.08		0.20		0.84	0.33
30.	25.24	39.18	26.44	7.20							
40.	24.88	39.21	26.57	7.18							
50.	24.88	39.21	26.57	7.18	0.31	0.20		1.66		0.67	0.61

STATION NUMBER: A-35(G46T06) SEASON:  
 TOTAL DEPTH: 45.0 m. STATION TYPE:C  
 PLACE: CHARACTER  
 DATE:21-10-88 TIME:10:20 LONGITUDE:36.6'  
 BAROMETRIC PRESSURE:1021 AIR TEMPERATURE: LATITUDE:36.46'  
 CLOUD:bc WAVE STATE:1 WIND:4  
 SECCHI DISK DEPTH: VISIBILITY:6 WIND DIRECTION:N

OS:HO TR:-11 TSS:  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH:  
 SM/Hg: SM/Cd: FC/0m.:0  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	25.18	39.13	26.41	7.25	0.24	0.15		0.14		0.79	
5.	25.18	39.13	26.41	7.28							
10.	25.18	39.13	26.42	7.30							
15.	25.18	39.13	26.42	7.29							
20.	25.17	39.13	26.42	7.27							
25.	25.17	39.13	26.42	7.27							
30.	25.15	39.13	26.42	7.27							
40.	20.13	38.94	27.74	7.91							

STATION NUMBER: A-35  
 TOTAL DEPTH: 518.0 m.  
 PLACE:  
 DATE: 22-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 03:25  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 34.30'  
 LATITUDE: 36.14'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH:  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	SI	TOC	CHL-a
								NO2-N			
0.	24.22	39.30	26.84	6.59	0.24	0.15		0.14		0.79	
5.	24.22	39.30	26.84	6.61							
10.	24.22	39.30	26.84	6.61							
15.	24.21	39.30	26.84	6.60							
20.	24.20	39.30	26.84	6.59							
25.	23.97	39.28	26.90	6.62							
30.	22.81	39.22	27.19	6.82							
40.	18.92	38.94	28.06	7.84							
50.	18.14	38.91	28.24	7.87							
60.	17.59	38.93	28.39	7.84							
70.	17.08	38.95	28.54	7.62							
75.	16.97	38.95	28.56	7.52							
80.	16.84	38.94	28.59	7.49							
90.	16.63	38.95	28.64	7.44							
100.	16.48	38.95	28.68	7.29							
125.	16.23	38.96	28.75	7.03							
150.	16.00	38.96	28.80	6.96							
200.	15.55	38.95	28.90	6.63							
250.	14.92	38.90	29.01	6.17							
300.	14.42	38.83	29.07	5.79							
400.	13.92	38.74	29.12	5.54							

STATION NUMBER: A-36(G33557) SEASON:  
 TOTAL DEPTH: 63.0 m. STATION TYPE:C  
 PLACE: CHARACTER  
 DATE:21-10-88 TIME:07:10 LONGITUDE:35.57'  
 BAROMETRIC PRESSURE:1020 AIR TEMPERATURE: LATITUDE:36.33'  
 CLOUD:c WAVE STATE:4 WIND:3  
 SECCHI DISK DEPTH: VISIBILITY:5 WIND DIRECTION:NE

OS:NO TR:-11 TSS:1.22  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH:  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	25.28	39.26	26.48	6.77	0.13	0.11		0.22		0.74	0.02
5.	25.29	39.25	26.47	6.75							
10.	25.28	39.26	26.48	6.77							0.19
15.	25.28	39.26	26.48	6.80							
20.	25.28	39.25	26.48	6.75							
25.	25.29	39.26	26.48	6.78	0.17	0.11		0.20		0.72	0.16
30.	25.28	39.26	26.48	6.77							
40.	25.27	39.27	26.49	6.76							
50.	25.27	39.27	26.49	6.77	0.21	0.10		0.22		0.74	0.16
60.	18.94	38.94	28.06	8.03							

STATION NUMBER: A-37(G22543) SEASON:  
 TOTAL DEPTH: 81.0 m. STATION TYPE:C  
 PLACE: CHARACTER  
 DATE:21-10-88 TIME:05:20 LONGITUDE:35.43'  
 BAROMETRIC PRESSURE:1020 AIR TEMPERATURE: LATITUDE:36.22'  
 CLOUD:o/r WAVE STATE:4 WIND:3  
 SECCHI DISK DEPTH: VISIBILITY:4 WIND DIRECTION:HW

OS:NO TR: TSS:  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg:4.6 SW/Cd: SW/PH:0.66  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	24.90	39.08	26.46	5.98	0.16	0.07		0.23		0.71	
5.	25.02	39.18	26.50	5.95							
10.	25.11	39.23	26.51	5.91							
15.	25.11	39.24	26.52	5.88							
20.	25.12	39.28	26.54	5.92							
25.	24.87	39.35	26.68	5.96	0.11	0.11		0.21		0.72	
30.	24.55	39.36	26.78	5.96							
40.	24.43	39.36	26.82	6.01							
50.	20.60	38.95	27.62	6.75	0.12	0.15		0.19		0.70	
60.	19.06	38.92	28.01	7.03							
70.	17.74	38.94	28.36	7.15							
75.	17.74	38.94	28.36	7.17	0.10	0.05		0.26		0.66	

STATION NUMBER: A-38(G32S32) SEASON:  
 TOTAL DEPTH: 20.0 m. STATION TYPE:C  
 PLACE: CHARACTER  
 DATE:21-10-88 TIME:15:45 LONGITUDE:35.32'  
 BAROMETRIC PRESSURE:1021 AIR TEMPERATURE: LATITUDE:36.32'  
 CLOUD:bc WAVE STATE:1 WIND:2  
 SECCHI DISK DEPTH: VISIBILITY:6 WIND DIRECTION:N

OS:NO TR:-11 TSS:  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg:6.0 SW/Cd: SW/PH:  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-H	NO3-N + NO2-H	Si	TOC	CHL-a
0.	25.30	39.13	26.38	7.28	0.36	0.15		2.04		0.78	
5.	25.29	39.15	26.40	7.27							
10.	25.27	39.15	26.40	7.21	0.21	0.10		0.17		0.74	
15.	25.27	39.15	26.40	7.18							

STATION NUMBER: G10R17  
 TOTAL DEPTH: 450.0 m.  
 PLACE:  
 DATE: 22-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 01:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 34.47'  
 LATITUDE: 36.10'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 9.6  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 5.62  
 SD/PH:  
 SW/PH: 4.67  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N	Si	TOC	CHL-a
								+ NO2-N			
0.	22.97	39.31	27.21	6.55	0.97			2.31		0.21	
5.	23.00	39.29	27.20	6.52							
10.	23.00	39.29	27.19	6.51							
15.	22.97	39.29	27.20	6.51							
20.	22.91	39.28	27.21	6.54							
25.	22.49	39.21	27.28	6.63							
30.	19.99	38.89	27.74	7.04							
40.	18.82	38.89	28.04	7.61							
50.	18.02	38.91	28.27	7.62							
60.	17.54	38.94	28.41	7.55							
70.	17.12	38.94	28.52	7.36							
75.	17.02	38.95	28.55	7.30							
80.	16.92	38.95	28.58	7.27							
90.	16.66	38.96	28.64	7.18							
100.	16.51	38.96	28.68	7.07							
125.	16.23	38.96	28.75	6.93							
150.	16.03	38.96	28.80	6.85							
200.	15.46	38.95	28.93	6.57							
250.	14.68	38.87	29.04	6.13							
300.	14.34	38.82	29.08	5.89							
400.	13.91	38.75	29.12	5.66							

STATION NUMBER:G15L00  
 TOTAL DEPTH: 1500.0 m.  
 PLACE:  
 DATE:06-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME:08:45  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE:29. 0'  
 LATITUDE:36.15'  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS:0.10  
 SD/llg: SD/Cd: SD/PH:  
 SW/llg: SW/Cd: SW/PH:  
 SM/llg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	TH	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	25.21	39.32	26.55	7.22	0.20	0.05		0.18		0.59	
5.	25.22	39.32	26.55	7.20							
10.	25.22	39.32	26.55	7.24							
15.	25.22	39.32	26.55	7.21							
20.	25.23	39.32	26.55	7.20							
25.	25.23	39.32	26.55	7.19							
30.	25.22	39.32	26.55	7.17							
40.	19.72	38.97	27.88	8.15							
50.	18.50	38.98	28.20	8.69							
60.	17.63	38.97	28.41	8.67							
70.	17.08	38.98	28.56	8.57							
75.	16.87	38.97	28.60	8.48							
80.	16.60	38.98	28.67	8.36							
90.	16.46	38.98	28.71	8.18							
100.	16.31	38.98	28.74	8.04							
125.	16.07	38.98	28.80	7.75							
150.	15.77	38.98	28.87	7.63							
200.	15.28	38.97	28.98	7.28							
250.	14.81	38.92	29.05	6.77							
300.	14.38	38.85	29.10	6.38							
400.	14.09	38.80	29.12	5.94							
500.	13.89	38.76	29.14	5.67							
600.	13.79	38.73	29.14	5.61							
700.	13.75	38.72	29.14	5.59							
800.	13.69	38.70	29.15	5.54							
900.	13.66	38.69	29.15	5.60							
1000.	13.62	38.68	29.15	5.58							

STATION NUMBER: G30K30  
 TOTAL DEPTH: 1200.0 m.  
 PLACE:  
 DATE: 06-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 03:40  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.30°  
 LATITUDE: 36.30°  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS: 0.28  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: 2.6 SW/Cd: SW/PH: 0.40  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	24.08	39.34	26.91	6.05	0.20			0.17		0.56	
5.	24.09	39.34	26.90	6.07							
10.	24.09	39.34	26.90	6.08							
15.	24.09	39.33	26.90	6.12							
20.	24.00	39.33	26.93	6.13							
25.	23.45	39.32	27.08	6.23	0.08			0.18		0.55	
30.	23.17	39.27	27.13	6.25							
40.	22.35	39.19	27.31	6.43							
50.	19.88	39.04	27.89	6.88	0.10			0.19		0.59	
60.	17.84	38.98	28.37	7.27							
70.	17.31	38.97	28.49	7.24							
75.	17.12	38.97	28.54	7.19	0.06			0.20		0.46	
80.	16.99	38.97	28.57	7.13							
90.	16.82	38.96	28.61	7.09							
100.	16.64	38.97	28.66	7.07	0.08			0.35		0.41	
125.	16.17	38.97	28.77	6.91							
150.	15.80	38.97	28.86	6.83	0.15			0.23		0.41	
200.	15.38	38.97	28.96	6.62	0.07			0.44		0.40	
250.	15.01	38.94	29.02	6.32							
300.	14.69	38.91	29.07	6.15	0.13			1.86		0.33	
400.	14.20	38.82	29.12	5.82	0.12			3.23		0.27	
500.	13.90	38.76	29.14	5.64	0.23			4.56		0.24	
600.	13.82	38.74	29.14	5.56							
700.	13.72	38.72	29.15	5.52							
750.					0.25			5.48		0.19	
800.	13.69	38.70	29.15	5.53							
900.	13.64	38.69	29.15	5.56							
1000.	13.60	38.67	29.15	5.60	0.03			6.09		0.17	



STATION NUMBER: G30H00  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 07-09-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 02:20  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31. 0'  
 LATITUDE: 36.30'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 12.4  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 2.20  
 SD/PH:  
 SW/PH: 2.95  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	25.98	39.24	26.24	6.30	0.08	-11		0.19		0.56	-11
5.	26.00	39.24	26.24	6.14							
10.	26.01	39.24	26.24	6.11							
15.	26.01	39.24	26.24	6.15							
20.	26.01	39.24	26.24	6.17							
25.	26.02	39.24	26.23	6.15	0.11	-11		0.19		0.56	-11
30.	26.02	39.24	26.24	6.15							
40.	23.13	39.01	26.95	6.58							
50.	21.96	38.98	27.26	6.97	0.10	-11		0.25		0.53	0.02
60.	19.41	38.98	27.96	7.26							
70.	18.00	38.97	28.32	7.39							
75.	17.72	38.96	28.38	7.41	0.10	-11		0.20		0.49	0.12
80.	17.49	38.96	28.44	7.39							
90.	17.18	38.95	28.51	7.32							
100.	16.86	38.96	28.60	7.30	0.15	-11		0.18		0.45	0.16
125.	16.44	38.97	28.70	7.12	0.11	-11		0.28		0.43	0.07
150.	16.28	38.97	28.74	6.97	0.11	-11		0.49		0.41	-11
200.	16.11	38.97	28.79	6.85							
250.	15.86	38.98	28.85	6.77	0.10	-11		0.89		0.36	
300.	15.54	38.99	28.94	6.65							
400.	14.70	38.90	29.06	6.09							
500.	14.14	38.80	29.12	5.76	0.07	0.36		4.00		0.23	
600.	13.88	38.75	29.13	5.54							
700.	13.74	38.72	29.14	5.54							
750.	13.74	38.72	29.14	5.54	0.13	0.37		5.64		0.17	
800.	13.62	38.68	29.15	5.48							

STATION NUMBER: 53(GOON00)  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE:08-10-88  
 BAROMETRIC PRESSURE:1018  
 CLOUD:bc  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:R  
 TIME:06:25  
 AIR TEMPERATURE:  
 WAVE STATE:3  
 VISIBILITY:6

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

OS:HO  
 SD/Hg:  
 SW/Hg:5.5  
 SM/Hg:  
 BOD-5:

TR:-11  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:0.60  
 SD/PH:  
 SW/PH:0.16  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N	SI	TOC	CIL-a
								+ NO2-N			
0.	26.27	39.39	26.27	6.64	0.16			0.16		0.54	
5.	26.27	39.39	26.27	6.48							
10.	26.27	39.39	26.27	6.42							
15.	26.20	39.40	26.30	6.39							
20.	25.78	39.44	26.46	6.44							
25.	25.75	39.44	26.47	6.43	0.02			0.19		0.55	
30.	22.38	39.08	27.22	6.91							
40.	19.42	38.86	27.87	8.01							
50.	18.07	38.89	28.24	8.10	0.10			0.18		0.49	
60.	17.43	38.88	28.40	7.97							
70.	17.01	38.93	28.53	7.96							
75.	16.75	38.97	28.63	7.85	0.05			0.17		0.49	
80.	16.54	38.97	28.68	7.67							
90.	16.39	38.98	28.72	7.41							
100.	16.25	38.97	28.75	7.33	0.03			0.17		0.43	
125.	15.99	38.97	28.82	7.11							
150.	15.76	38.98	28.87	6.97	0.03			1.00		0.38	
200.	15.37	38.97	28.96	6.82	0.17			1.54		0.36	
250.	14.90	38.93	29.03	6.48							
300.	14.56	38.88	29.08	6.14	0.11			2.76		0.27	
400.	14.12	38.80	29.12	5.78	0.03			5.16		0.22	
500.	13.90	38.76	29.13	5.65							
600.	13.78	38.73	29.14	5.55							
700.	13.73	38.71	29.14	5.50							
800.	13.68	38.70	29.14	5.55							
900.	13.65	38.69	29.15	5.59							
1000.	13.64	38.68	29.15	5.65							

STATION NUMBER:G00M00  
 TOTAL DEPTH: 2900.0 m.  
 PLACE:  
 DATE:08-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME:13:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE:30. 0'  
 LATITUDE:36. 0'  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS:0.28  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH:1.74  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	chl-a
0.	26.34	39.39	26.25	6.72	0.04			0.18		0.56	
5.	26.34	39.39	26.24	6.75							
10.	26.14	39.39	26.31	6.75							
15.	26.14	39.39	26.31	6.75							
20.	26.12	39.39	26.31	6.76							
25.	26.11	39.39	26.31	6.76	0.10			0.18		0.55	
30.	24.88	39.28	26.62	6.95							
40.	19.71	39.03	27.92	8.05							
50.	18.31	39.00	28.26	8.33	0.10			0.20		0.55	
60.	17.51	39.00	28.47	8.35							
70.	17.07	39.00	28.58	8.16							
75.	16.94	39.00	28.61	8.11	0.07			0.20		0.49	
80.	16.85	39.01	28.63	8.07							
90.	16.52	39.01	28.72	8.02							
100.	16.45	39.00	28.73	7.86	0.06			0.17		0.48	
125.	16.25	39.00	28.77	7.59							
150.	16.20	38.99	28.78	7.47	0.03					0.44	
200.	16.02	38.98	28.82	7.28	0.03			0.94		0.42	
250.	15.63	38.99	28.92	7.08							
300.	15.10	38.95	29.01	6.68	0.10			0.85		0.38	
400.	14.36	38.85	29.11	6.08	0.05			1.34		0.36	
500.	13.95	38.77	29.13	5.70	0.12			4.59		0.28	
600.	13.82	38.74	29.14	5.57							
700.	13.78	38.73	29.14	5.61							
750.	13.73	38.72	29.14	5.60	0.12			4.76		0.23	
800.	13.73	38.71	29.15	5.59							
900.	13.72	38.71	29.15	5.65							
1000.	13.67	38.69	29.15	5.67							

STATION NUMBER:G00L00  
 TOTAL DEPTH: 3500.0 m.  
 PLACE:  
 DATE:11-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME:17:40  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE:29. 0'  
 LATITUDE:36. 0'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:2.18  
 SD/PH:  
 SW/PH:3.40  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-H	NO3-H		SI	TOC	CHL-a
								+	NO2-H			
0.	21.63	39.34	27.62	6.74	0.22			0.16			0.56	
5.	21.73	39.33	27.59	6.89								
10.	21.76	39.33	27.58	6.87								
15.	21.74	39.33	27.59	6.80								
20.	17.85	38.97	28.35	7.39								
25.	16.76	39.04	28.68	7.70								
30.	16.31	39.01	28.77	7.75								
40.	15.66	38.99	28.90	7.53								
50.	15.18	38.96	28.99	7.31								
60.	15.01	38.95	29.02	7.02								
70.	14.91	38.94	29.04	6.75								
75.	14.87	38.94	29.04	6.63								
80.	14.83	38.93	29.05	6.60								
90.	14.75	38.92	29.06	6.57								
100.	14.67	38.91	29.07	6.53								
125.	14.53	38.89	29.09	6.35								
150.	14.43	38.88	29.10	6.30								
200.	14.32	38.86	29.11	6.13								
250.	14.17	38.83	29.13	6.00								
300.	14.11	38.82	29.13	5.90								
400.	13.99	38.79	29.14	5.74								
500.	13.89	38.77	29.14	5.64								
600.	13.87	38.76	29.14	5.65								
700.	13.83	38.75	29.15	5.60								
800.	13.77	38.73	29.15	5.62								
900.	13.72	38.71	29.15	5.73								
1000.	13.68	38.70	29.15	5.70								
1100.	13.66	38.69	29.15	5.73								

STATION NUMBER:G00K30	SEASON:	
TOTAL DEPTH: 4000.0 m.	STATION TYPE:R	
PLACE:		CHARACTER
DATE:11-10-88	TIME:21:30	LONGITUDE:28.30°
BAROMETRIC PRESSURE:1017	AIR TEMPERATURE:	LATITUDE:36. 0°
CLOUD:b	WAVE STATE:	WIND:4
SECCHI DISK DEPTH:	VISIBILITY:	WIND DIRECTION:W-NW
OS:ND	TR:N-11	TSS:1.46
SD/Hg:	SD/Cd:	SD/PH:
SW/Hg:7.5	SW/Cd:	SW/PH:1.62
SM/Hg:	SM/Cd:	FC/0m.:
BOD-5:		FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	23.66	39.39	27.07	6.35	0.02			0.17			0.57	
5.	23.66	39.39	27.07	6.31								
10.	23.66	39.39	27.07	6.31								
15.	23.66	39.39	27.07	6.30								
20.	23.66	39.39	27.07	6.32								
25.	23.67	39.39	27.07	6.33	0.08			0.17			0.59	
30.	21.01	39.39	27.84	6.68								
40.	17.26	39.06	28.57	7.64								
50.	16.45	39.01	28.73	7.67	-11			0.17			0.47	
60.	15.92	38.98	28.84	7.43								
70.	15.40	38.97	28.95	7.28								
75.	15.27	38.95	28.97	7.18	0.13			0.15			0.39	
80.	15.07	38.95	29.01	7.14								
90.	14.94	38.94	29.03	6.89								
100.	14.78	38.92	29.05	6.71	0.13			0.17			0.38	
125.	14.61	38.90	29.08	6.34								
150.	14.49	38.88	29.09	6.25								
200.	14.30	38.85	29.11	6.03	0.07			4.05			0.29	
250.	14.17	38.83	29.12	5.97								
300.	14.08	38.81	29.13	5.90	0.13			4.06			0.24	
400.	13.94	38.78	29.14	5.63	0.05			4.04			0.23	
500.	13.89	38.76	29.14	5.60				5.23			0.22	
600.	13.86	38.75	29.14	5.60								
700.	13.83	38.74	29.15	5.60								
750.	13.81	38.74	29.15	5.57	0.16			5.43			0.19	
800.	13.79	38.73	29.15	5.54								
1000.	13.79	38.73	29.15	5.54	0.04			5.45			0.19	

STATION NUMBER: F30K30  
 TOTAL DEPTH: 3000.0 m.  
 PLACE:  
 DATE: 12-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

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

CHARACTER  
 LONGITUDE: 28.30'  
 LATITUDE: 35.30'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 3.72  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	SI	TOC	CHL-a
0.	21.09	39.31	27.75	6.40	-11			0.16		0.54	
5.	21.09	39.31	27.75	6.41							
10.	21.09	39.31	27.76	6.39							
15.	21.07	39.31	27.76	6.43							
20.	16.81	39.07	28.70	7.00							
25.	16.42	39.03	28.75	7.36	0.05			0.17		0.48	
30.	15.88	39.01	28.87	7.33							
40.	15.41	38.97	28.95	7.07							
50.	15.04	38.94	29.01	6.82	0.20			0.17		0.46	
60.	14.82	38.93	29.05	6.52							
70.	14.70	38.92	29.07	6.35							
75.	14.62	38.91	29.08	6.32	0.20			2.08		0.34	
80.	14.57	38.90	29.08	6.23							
90.	14.51	38.89	29.09	6.14							
100.	14.43	38.88	29.10	6.09	0.11			3.43		0.32	
125.	14.38	38.87	29.10	6.02							
150.	14.27	38.85	29.11	6.03	0.03			4.57		0.28	
200.	14.17	38.83	29.12	5.87	0.10			4.96		0.28	
250.	14.07	38.81	29.13	5.82							
300.	14.03	38.80	29.13	5.71	-11			5.12		0.27	
400.	13.93	38.78	29.14	5.58	0.08			4.14		0.27	
500.	13.88	38.76	29.14	5.57	0.03			5.48		0.25	
600.	13.84	38.75	29.14	5.58							
700.	13.79	38.74	29.15	5.57							
750.	13.76	38.73	29.15	5.58	0.07			4.04		0.26	
800.	13.73	38.72	29.15	5.60							
900.	13.68	38.70	29.15	5.65							
1000.	13.64	38.69	29.15	5.66	-11			5.67		0.26	

STATION NUMBER:FOOK30	SEASON:	
TOTAL DEPTH: 2500.0 m.	STATION TYPE:	
PLACE:		CHARACTER
DATE:12-10-88	TIME:06:45	LONGITUDE:28.30°
BAROMETRIC PRESSURE:	AIR TEMPERATURE:	LATITUDE:35. 0°
CLOUD:	WAVE STATE:	WIND:
SECCHI DISK DEPTH:	VISIBILITY:	WIND DIRECTION:
OS:	TR:	TSS:3.57
SD/Hg:	SD/Cd:	SD/PH:
SW/Hg:	SW/Cd:	SW/PH:
SM/Hg:	SM/Cd:	FC/0m.:
BOD-5:		FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	21.79	39.35	27.59	6.19	0.06	-11		0.17			0.54	
5.	21.79	39.35	27.59	6.41								
10.	21.79	39.35	27.59	6.45								
15.	21.79	39.35	27.59	6.46								
20.	21.61	39.34	27.63	6.48								
25.	19.36	39.30	28.22	6.79	0.18	-11		0.17			0.43	
30.	17.38	39.06	28.54	7.22								
40.	16.20	39.03	28.81	7.60								
50.	15.68	39.01	28.91	7.33	0.13	-11		0.16			0.35	
60.	15.36	38.99	28.98	7.03								
70.	15.23	38.98	28.99	6.76								
75.	15.20	38.97	29.00	6.64	0.20	0.12		2.04			0.37	
80.	15.11	38.97	29.01	6.64								
90.	15.03	38.96	29.02	6.49								
100.	14.95	38.95	29.03	6.51	0.03	0.16		2.40			0.33	
125.	14.81	38.93	29.05	6.38								
150.	14.67	38.92	29.08	6.27	0.02	0.16		3.37			0.29	
200.	14.53	38.90	29.10	6.29	0.02	0.26		3.39			0.27	
250.	14.41	38.89	29.11	6.19								
300.	14.29	38.86	29.12	6.10	-11	0.20		3.37			0.24	
400.	14.12	38.82	29.13	5.94	0.04	0.24		4.17			0.24	
500.	14.01	38.80	29.14	5.80	0.04	0.26		4.74			0.21	
600.	13.93	38.77	29.14	5.74								
700.	13.84	38.75	29.14	5.69								
750.	13.82	38.74	29.14	5.69	0.16	0.25		5.44			0.22	
800.	13.79	38.73	29.15	5.70								
900.	13.73	38.71	29.15	5.69								
1000.	13.70	38.70	29.15	5.77	0.16	0.26		5.43			0.19	
1100.	13.67	38.69	29.15	5.84								

STATION NUMBER: E30K30  
 TOTAL DEPTH: 2500.0 m.  
 PLACE:  
 DATE: 12-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 11:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.30'  
 LATITUDE: 34.30'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.22  
 SD/PH:  
 SW/PH:  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-H	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	21.29	39.29	27.68	6.98	0.03			0.17		0.57		
5.	21.24	39.29	27.70	7.04								
10.	21.13	39.28	27.72	6.97								
15.	21.09	39.27	27.73	6.98								
20.	21.08	39.27	27.73	6.99								
25.	21.08	39.27	27.73	6.98								
30.	21.07	39.27	27.73	6.99								
40.	17.15	39.05	28.60	7.75								
50.	16.12	39.01	28.81	7.92								
60.	15.69	38.99	28.90	7.67								
70.	15.34	38.99	28.98	7.46								
75.	15.21	38.98	29.00	7.33								
80.	15.14	38.97	29.01	7.13								
90.	15.00	38.96	29.03	6.95								
100.	14.89	38.95	29.05	6.80								
125.	14.73	38.93	29.07	6.62								
150.	14.57	38.90	29.09	6.45								
200.	14.38	38.88	29.11	6.33								
250.	14.20	38.84	29.12	6.13								
300.	14.12	38.82	29.13	6.01								
400.	13.93	38.78	29.14	5.73								
500.	13.87	38.76	29.14	5.67								
600.	13.83	38.75	29.15	5.62								
700.	13.77	38.73	29.15	5.57								
800.	13.69	38.71	29.15	5.58								
900.	13.66	38.69	29.15	5.59								
1000.	13.64	38.69	29.15	5.66								



STATION NUMBER: E30H00  
 TOTAL DEPTH: 2300.0 m.  
 PLACE:  
 DATE: 13-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 04:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31. 0°  
 LATITUDE: 34.30°  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS: 0.06  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH: 0.70  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	22.84	39.33	27.27	6.36	0.07	-11		0.19		0.59	
5.	22.84	39.33	27.27	6.33							
10.	22.85	39.33	27.27	6.32							
15.	22.85	39.33	27.27	6.34							
20.	22.85	39.33	27.27	6.36							
25.	22.85	39.33	27.27	6.37	0.08	0.11		0.17		0.53	
30.	22.83	39.33	27.28	6.37							
40.	17.95	39.04	28.38	7.41							
50.	17.06	38.98	28.56	7.59	0.10	0.11		0.17		0.47	
60.	16.60	39.01	28.70	7.56							
70.	16.14	39.00	28.80	7.49							
75.	15.92	39.00	28.85	7.43	0.17	0.14		0.15		0.42	
80.	15.79	38.99	28.87	7.28							
90.	15.48	38.98	28.94	7.16							
100.	15.28	38.97	28.98	6.96	0.15	0.13		0.19		0.36	
125.	15.11	38.96	29.01	6.60							
150.	14.94	38.95	29.04	6.50	0.03	0.19		2.65		0.36	
200.	14.60	38.90	29.08	6.21	0.13	0.22		3.16		0.48	
250.	14.37	38.86	29.10	6.00							
300.	14.18	38.82	29.11	5.83	0.08	0.22		4.74		0.39	
400.	13.95	38.77	29.13	5.62	0.11	0.24		5.95		0.38	
500.	13.82	38.74	29.14	5.53	0.07	0.26		6.22		0.32	
600.	13.74	38.72	29.14	5.46							
700.	13.68	38.70	29.14	5.53							
750.	13.66	38.70	29.14	5.52	0.11	0.26		5.73		0.27	
800.	13.65	38.69	29.14	5.51							
900.	13.63	38.68	29.14	5.59							
1000.	13.61	38.67	29.15	5.63	0.16	0.28		6.40		0.28	

STATION NUMBER: FOON00  
 TOTAL DEPTH: 2100.0 m.  
 PLACE:  
 DATE:13-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME:23:55  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE:31. 0'  
 LATITUDE:35. 0'  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS:0.18  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH:0.87  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	23.82	39.48	27.09	6.47	0.10	-11		0.17		0.63	
5.	23.83	39.48	27.09	6.47							
10.	23.84	39.48	27.09	6.47							
15.	23.84	39.48	27.09	6.46							
20.	23.83	39.48	27.09	6.48							
25.	23.73	39.45	27.10	6.50	0.17	-11		0.18		0.60	
30.	20.08	38.96	27.77	7.02							
40.	18.81	39.00	28.13	7.91							
50.	17.75	38.95	28.36	7.94	0.15	-11		0.18		0.55	
60.	16.90	38.94	28.57	7.82							
70.	16.56	38.95	28.66	7.56							
75.	16.38	38.94	28.69	7.40	0.16	-11		0.18		0.47	
80.	16.22	38.94	28.74	7.31							
90.	16.09	38.95	28.77	7.19							
100.	15.97	38.95	28.81	7.18	0.13	-11		0.19		0.42	
125.	15.65	38.98	28.90	6.97							
150.	15.46	38.97	28.94	6.82	0.12	-11		1.79		0.37	
200.	14.99	38.93	29.02	6.51	0.06	0.18		3.34		0.31	
250.	14.57	38.88	29.07	6.16							
300.	14.34	38.85	29.10	6.01	0.11	0.21		4.18		0.25	
400.	14.02	38.78	29.12	5.69	0.17	0.22		4.03		0.24	
500.	13.85	38.74	29.13	5.55	0.07	0.22		6.07		0.19	
600.	13.75	38.72	29.14	5.50							
700.	13.72	38.71	29.14	5.52							
750.	13.69	38.70	29.14	5.54	0.07	0.26		5.81		0.17	
800.	13.66	38.69	29.14	5.56							
900.	13.64	38.68	29.15	5.61							
1000.	13.62	38.68	29.15	5.71	0.07	0.26		5.94		0.16	

STATION NUMBER: F55P30  
 TOTAL DEPTH: 1500.0 m.  
 PLACE:  
 DATE: 15-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 22:10  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 32.30'  
 LATITUDE: 35.55'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.26  
 SD/PH:  
 SW/PH: 0.55  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	25.26	39.37	26.57	6.40	0.14	-11		0.17		0.60	
5.	25.26	39.37	26.57	6.41							
10.	25.27	39.37	26.57	6.44							
15.	25.25	39.37	26.57	6.44							
20.	25.22	39.37	26.58	6.45							
25.	25.07	39.36	26.62	6.50	0.15	-11		0.20		0.58	
30.	24.77	39.37	26.72	6.54							
40.	24.56	39.48	26.87	6.60							
50.	20.50	38.97	27.66	7.26	0.10	-11		0.21		0.55	
60.	19.14	38.95	28.01	8.07							
70.	17.89	38.94	28.33	8.32							
75.	17.48	38.92	28.42	8.26	0.23	-11		0.18		0.52	
80.	17.29	38.95	28.48	8.08							
90.	16.79	38.96	28.61	7.93							
100.	16.53	38.96	28.67	7.73	0.20	-11		0.19		0.45	
125.	16.07	38.96	28.79	7.44							
150.	15.82	38.98	28.86	7.21	0.15	-11		0.69		0.40	
200.	15.35	38.96	28.96	6.93	0.08	-11		1.86		0.37	
250.	14.84	38.91	29.04	6.53							
300.	14.41	38.85	29.09	6.12	0.20	0.17		4.87		0.26	
400.	14.00	38.77	29.12	5.76	0.13	0.25		5.81		0.22	
500.	13.83	38.73	29.13	5.65	0.10	0.26		5.86		0.24	
600.	13.70	38.70	29.14	5.58							
700.	13.66	38.69	29.14	5.55							
750.	13.64	38.69	29.14	5.56	0.16	0.28		5.89		0.19	
800.	13.63	38.68	29.14	5.57							
900.	13.61	38.67	29.14	5.62							
1000.	13.59	38.67	29.14	5.72	0.20	0.30		5.26		0.20	

STATION NUMBER: F45Q30  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 16-10-88  
 BAROMETRIC PRESSURE: 1018  
 CLOUD: bc  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: R  
 TIME: 11:40  
 AIR TEMPERATURE:  
 WAVE STATE: 3  
 VISIBILITY: 6

CHARACTER  
 LONGITUDE: 33.30'  
 LATITUDE: 35.45'  
 WIND: 4  
 WIND DIRECTION: NE

OS: HO  
 SD/Hg:  
 SW/Hg: 5.9  
 SM/Hg:  
 BOD-5:

TR: -11  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 1.98  
 SD/PH:  
 SW/PH: 1.70  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	FM-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	24.65	39.37	26.76	7.04	0.11	-11					0.59	
5.	24.65	39.37	26.76	7.04								
10.	24.67	39.37	26.76	7.03								
15.	24.66	39.37	26.76	7.04								
20.	24.64	39.37	26.76	7.07								
25.	24.64	39.37	26.76	7.03	0.23	-11					0.56	
30.	24.30	39.30	26.81	7.07								
40.	20.35	38.98	27.71	8.22								
50.	18.73	38.94	28.11	8.51		-11					0.57	
60.	18.06	38.95	28.29	8.35								
70.	17.63	38.95	28.40	8.14								
75.	17.33	38.97	28.48	8.10	0.18	-11					0.48	
80.	17.10	38.96	28.53	8.01								
90.	16.71	38.96	28.63	7.86								
100.	16.50	38.97	28.69	7.65	0.23	-11					0.46	
125.	16.32	38.97	28.73	7.57								
150.	16.13	38.97	28.78	7.45	0.12	-11					0.43	
200.	15.82	38.97	28.85	7.18	0.15	0.17					0.39	
250.	15.17	38.94	28.98	6.80								
300.	14.59	38.86	29.06	6.32	0.12	0.27					0.16	
400.	14.03	38.77	29.11	5.88	0.14	0.33					0.21	
500.	13.79	38.72	29.13	5.68	0.20	0.37					0.20	
600.	13.69	38.70	29.14	5.61								
700.	13.64	38.68	29.14	5.58								
750.	13.62	38.68	29.14	5.60	0.17	0.35					0.20	
800.	13.60	38.67	29.14	5.62								
900.	13.55	38.66	29.14	5.63								

STATION NUMBER: GOOR00  
 TOTAL DEPTH: 850.0 m.  
 PLACE:  
 DATE: 20-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 01:50  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 34. 0°  
 LATITUDE: 36. 0°  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS: 0.50  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH: 3.10  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	23.94	39.24	26.87	6.19	0.04	-11		0.16		0.64	
5.	23.94	39.24	26.87	6.20							
10.	23.95	39.24	26.87	6.19							
15.	23.93	39.24	26.88	6.19							
20.	23.90	39.24	26.89	6.20							
25.	23.83	39.24	26.91	6.21	0.16	-11		0.17		0.65	
30.	23.73	39.22	26.93	6.28							
40.	20.85	39.05	27.63	6.69							
50.	18.31	38.98	28.24	7.32	0.05	-11		0.19		0.66	
60.	17.37	38.98	28.48	7.31							
70.	16.87	38.97	28.60	7.09							
75.	16.71	38.97	28.64	7.08	0.02	-11		0.18		0.56	
80.	16.56	38.97	28.68	6.97							
90.	16.41	38.96	28.71	6.83							
100.	16.30	38.96	28.73	6.75	0.15	-11		0.30		0.51	
125.	16.02	38.97	28.80	6.66							
150.	15.89	38.97	28.83	6.61	0.18	0.21		1.09		0.41	
200.	15.35	38.94	28.94	6.33	0.08	0.14		0.98		0.42	
250.	14.65	38.87	29.05	5.91							
300.	14.19	38.80	29.10	5.70	0.08	0.18		1.98		0.39	
400.	13.86	38.74	29.12	5.45	0.06	0.24		3.95		0.34	
500.	13.72	38.70	29.13	5.37	0.15	0.28		5.64		0.29	
600.	13.65	38.69	29.13	5.35							
700.	13.60	38.67	29.14	5.36							
750.	13.60	38.67	29.14	5.36	0.07	0.30		6.27		0.25	

STATION NUMBER: GOOS30  
 TOTAL DEPTH: 260.0 m.  
 PLACE:  
 DATE: 20-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 19:20  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISTIBILITY:

CHARACTER  
 LONGITUDE: 35.30'  
 LATITUDE: 36. 0'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.44  
 SD/PH:  
 SW/PH: 1.33  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	24.91	39.35	26.66	6.45	0.05	-11		0.18			0.63	
5.	24.92	39.35	26.66	6.46								
10.	24.93	39.35	26.66	6.47								
15.	24.94	39.36	26.66	6.49								
20.	24.93	39.35	26.66	6.46								
25.	24.93	39.35	26.66	6.49	0.08	-11		0.19			0.63	
30.	24.93	39.35	26.66	6.49								
40.	24.96	39.37	26.67	6.48								
50.	24.99	39.39	26.67	6.49	0.02	-11		0.20			0.63	
60.	24.93	39.39	26.69	6.53								
70.	22.17	39.20	27.36	6.96								
75.	19.29	39.00	28.01	7.60	0.18	-11		0.19			0.62	
80.	18.62	38.96	28.16	7.90								
90.	17.69	38.97	28.40	7.70								
100.	17.30	38.98	28.50	7.61	0.12	-11		0.49			0.58	
125.	16.48	38.97	28.70	7.44								
150.	16.27	38.97	28.75	7.22	0.03	-11		0.42			0.55	
200.	15.81	38.97	28.86	6.96	0.02	-11		1.43			0.46	
250.	15.04	38.92	29.00	6.42								
300.	14.39	38.83	29.08	6.03	0.07	0.33		5.14			0.35	
400.	14.39	38.83	29.08	6.03	0.02	0.31		6.04			0.30	

STATION NUMBER: GOOS00  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 20-10-88  
 BAROMETRIC PRESSURE: 1020  
 CLOUD: bc  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: R  
 TIME: 22:40  
 AIR TEMPERATURE:  
 WAVE STATE: 3  
 VISIBILITY: 6

CHARACTER  
 LONGITUDE: 35. 0'  
 LATITUDE: 36. 0'  
 WIND: 4  
 WIND DIRECTION: SW

OS:NO  
 SD/Hg:  
 SW/Hg:  
 SM/Hg:  
 BOD-5:

TR:-11  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:0.28  
 SD/PH:  
 SW/PH:0.66  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N	Si	TOC	CHL-a
								+ NO2-N			
0.	24.46	39.30	26.77	6.80	0.04			0.16		0.65	0.08
5.	24.50	39.30	26.75	6.56							
10.	24.51	39.30	26.75	6.53							
15.	24.50	39.30	26.75	6.53							
20.	24.51	39.30	26.75	6.53							
25.	24.45	39.30	26.77	6.58	0.12			0.15		0.61	0.12
30.	23.21	39.23	27.09	6.74							
40.	19.80	38.96	27.85	7.50							
50.	18.49	38.95	28.18	7.78	0.21			0.16		0.59	0.07
60.	17.62	38.94	28.40	7.81							
70.	17.25	38.96	28.50	7.69							
75.	17.09	38.96	28.54	7.69	0.24			0.16		0.55	0.12
80.	16.98	38.96	28.56	7.60							
90.	16.77	38.96	28.62	7.48							
100.	16.66	38.96	28.65	7.38	0.21			0.36		0.55	
125.	16.48	38.96	28.69	7.21							
150.	16.31	38.97	28.73	7.08	0.02			0.53		0.52	-11
200.	15.94	38.97	28.82	6.91	0.11			0.91		0.50	-11
250.	15.35	38.95	28.95	6.57							
300.	14.58	38.86	29.06	6.06	0.15			3.52		0.42	
400.	14.07	38.78	29.11	5.74	0.13			5.85		0.36	
500.	13.76	38.71	29.13	5.55	0.28			5.58			

STATION NUMBER: K-20(G35N43)

SEASON:

TOTAL DEPTH: 200.0 m.

STATION TYPE:

PLACE:

CHARACTER

DATE:07-10-88

TIME:16:00

LONGITUDE:31.43°

BAROMETRIC PRESSURE:

AIR TEMPERATURE:

LATITUDE:36.35°

CLOUD:

WAVE STATE:

WIND:

SECCHI DISK DEPTH:

VISIBILITY:

WIND DIRECTION:

OS:

TR:

TSS:2.80

SD/Hg:

SD/Cd:

SD/PH:

SW/Hg:3.5

SW/Cd:

SW/PH:2.09

SM/Hg:

SM/Cd:

FC/0m.:

BOD-5:

FC/2m.:

DEPTH	T	S	SI-T	DD	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	26.57	39.39	26.17	6.77	0.05			0.16			0.56	
5.	26.57	39.39	26.17	6.77								
10.	26.39	39.38	26.22	6.74								
15.	26.37	39.38	26.23	6.76								
20.	26.36	39.39	26.24	6.76								
25.	26.33	39.39	26.24	6.77	0.02			0.19			0.56	
30.	26.31	39.38	26.25	6.76								
40.	25.65	39.32	26.41	6.86								
50.	22.35	39.01	27.17	7.62	0.13			0.19			0.52	
60.	19.36	39.02	28.01	8.23								
70.	18.16	38.98	28.29	8.33								
75.	17.75	38.98	28.39	8.33	0.10			0.20			0.45	
80.	17.45	38.98	28.47	8.31								
90.	17.00	38.97	28.57	8.17								
100.	16.69	38.97	28.65	8.01	0.03			0.17			0.44	
125.	16.26	38.97	28.75	7.71								
150.	16.01	38.97	28.81	7.50	0.04			0.71			0.38	
200.					0.07			1.14			0.37	
300.					0.10			4.56			0.24	
400.					0.11			5.73			0.23	



STATION NUMBER: K-22  
 TOTAL DEPTH: 17.0 m.  
 PLACE:  
 DATE: 21-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE: S  
 TIME: 19:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 10.7  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 3.32  
 SD/PH:  
 SW/PH: 1.03  
 FC/0m.:  
 FC/2m.:

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DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	24.21	38.79	26.45	6.61	0.51			2.11			0.83	
5.	24.28	38.94	26.55	6.58								
10.	24.23	38.93	26.56	6.58								

---

STATION NUMBER: K-24  
 TOTAL DEPTH: 12.0 m.  
 PLACE:  
 DATE: 21-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 12:00  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 10.9  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 15.70  
 SD/PH:  
 SW/PH: 4.55  
 FC/0m.:  
 FC/2m.:

---

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	24.85	39.11	26.50	7.78							0.98	
5.	24.85	39.11	26.50	7.74								
10.	24.84	39.11	26.50	7.72								

---

STATION NUMBER: K-25  
 TOTAL DEPTH: 11.0 m.  
 PLACE:  
 DATE: 21-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 11:35  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS: 7.18  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: 7.3 SW/Cd: SW/PH: 2.42  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	24.80	39.07	26.48	7.58	0.31	0.18		0.14		0.83	1.43
5.	24.80	39.07	26.48	7.62							

STATION NUMBER: K-27  
 TOTAL DEPTH: 14.0 m.  
 PLACE:  
 DATE: 21-10-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 08:40  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS:  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: 9.7 SW/Cd: SW/PH: 1.35  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	25.03	39.07	26.41	7.20	0.17	1.34		0.29		0.81	
5.	25.01	39.08	26.42	7.23							



STATION NUMBER: A-27  
 TOTAL DEPTH: 108.0 m.  
 PLACE:  
 DATE: 06-12-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 09:50  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.58°  
 LATITUDE: 36.42°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 6.6  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/FH:  
 SW/FH: 0.62  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	18.72	38.99	28.15	6.14	0.15	0.11		-11		0.82	
5.	18.72	39.04	28.19	6.54							
10.	18.72	39.07	28.21	7.33							
15.	18.72	39.07	28.21	7.82							
20.	18.72	39.08	28.21	7.52							
25.	18.73	39.08	28.21	7.59	0.19	-11		-11		0.84	
30.	18.82	39.11	28.21	7.57							
40.	18.93	39.19	28.25	7.66							
50.	18.82	39.17	28.26	7.67	0.25	0.11		-11		0.85	
60.	18.86	39.21	28.28	7.63							
70.	18.87	39.23	28.30	7.72							
75.	18.63	39.22	28.35	7.76		0.11		-11		0.85	
80.	18.06	39.19	28.47	7.77							
90.	17.66	39.15	28.55	7.83							
100.	17.66	39.15	28.15	7.83	0.16	0.12		0.07		0.78	

STATION NUMBER: A-28  
 TOTAL DEPTH: 80.0 m.  
 PLACE:  
 DATE: 06-12-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 09:00  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29.4'  
 LATITUDE: 36.39'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 1.6  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 0.51  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-H		Si	TOC	CHL-a
								+	NO2-H			
0.	18.92	38.66	27.84	1.28	0.24	0.12		0.10			0.80	0.41
5.	18.96	38.91	28.02	5.80								
10.	18.98	39.13	28.19	6.99	0.18	0.14		0.38			0.84	0.41
15.	18.95	39.16	28.22	7.51								
20.	18.94	39.17	28.23	7.53								
25.	18.93	39.18	28.24	7.56	0.27	0.13		-11			0.83	
30.	18.92	39.18	28.24	7.56								
40.	18.90	39.19	28.26	7.54								
50.	18.88	39.21	28.28	7.55	0.25	0.13		-11			0.81	0.29
60.	18.79	39.22	28.31	7.51								
75.	18.79	39.22	28.31	7.51	0.23	0.11		0.11			0.49	0.08

STATION NUMBER: A-29  
 TOTAL DEPTH: 550.0 m.  
 PLACE:  
 DATE: 05-12-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 10:50  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 28.59'  
 LATITUDE: 36.34'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 6.7  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 1.10  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PQ4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	19.06	39.29	28.29	7.61	0.15	-11		-11		0.83	
5.	18.85	39.24	28.31	7.46							
10.	18.78	39.22	28.31	7.33							
15.	18.79	39.23	28.31	7.24							
20.	18.79	39.23	28.31	7.24							
25.	18.79	39.23	28.31	7.27	0.24	-11		-11		0.83	
30.	18.79	39.23	28.31	7.24							
40.	18.79	39.22	28.31	7.30							
50.	18.78	39.22	28.31	7.33	0.22	0.14		-11		0.84	
60.	18.78	39.23	28.32	7.32							
70.	18.78	39.23	28.32	7.31							
75.	18.77	39.23	28.32	7.31	0.12	0.13		-11		0.88	
80.	18.76	39.23	28.33	7.31							
90.	18.41	39.24	28.42	7.39							
100.	16.87	39.15	28.74	7.57	0.17	-11		1.13		0.82	
125.	16.08	39.05	28.86	7.48							
150.	15.90	39.04	28.89	7.37	0.18	-11		1.60		0.69	
200.	15.40	39.02	28.99	7.22	0.22	0.14		1.61		0.62	
250.	14.88	38.97	29.07	6.94	0.20	-11		1.65		0.59	
300.	14.29	38.88	29.14	6.62	0.12	0.24		4.46		0.54	
400.	14.10	38.83	29.15	6.52							

STATION NUMBER: A-30  
 TOTAL DEPTH: 460.0 m.  
 PLACE:  
 DATE: 05-12-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 01:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.40'  
 LATITUDE: 36.20'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/l/g:  
 SW/l/g: 9.9  
 SM/l/g:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.66  
 SD/PH:  
 SW/PH: 0.33  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	chl-a
0.	18.74	38.99	28.14	5.21	0.27	0.12		-11		0.83	
5.	18.74	39.07	28.21	5.49							
10.	18.73	39.17	28.28	6.93							
15.	18.72	39.17	28.29	6.90							
20.	18.72	39.17	28.29	6.95							
25.	18.73	39.17	28.29	7.02	0.05	-11		-11		0.83	
30.	18.73	39.17	28.29	7.08							
40.	18.73	39.17	28.29	7.17							
50.	18.72	39.18	28.29	7.12	0.18	0.13		-11		0.84	
60.	18.70	39.18	28.30	7.12							
70.	18.56	39.19	28.35	7.15							
75.	18.51	39.19	28.36	7.17	0.24	-11		-11		0.84	
80.	18.45	39.19	28.38	7.20							
90.	18.08	39.16	28.45	7.29							
100.	17.97	39.15	28.47	7.33	0.12	0.13		-11		0.82	
125.	17.36	39.08	28.56	7.43							
150.	16.41	39.02	28.75	7.52	0.14	0.13		-11		0.84	
200.	15.79	39.02	28.90	7.16	0.14	-11		-11		0.85	
250.	15.03	38.98	29.04	6.79	0.27	0.12		-11		0.75	
300.	14.50	38.90	29.10	6.39	0.10	0.10		0.82		0.66	
400.	13.99	38.80	29.14	6.14	0.27	0.23		2.66		0.55	

STATION NUMBER: A-31  
 TOTAL DEPTH: 500.0 m.  
 PLACE:  
 DATE: 04-12-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 21:25  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.40°  
 LATITUDE: 36.30°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 10.1  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:  
 SD/PH:  
 SW/PH: 0.67  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	17.81	39.08	28.45	7.63	0.20	0.34		0.07			0.78	
5.	17.81	39.15	28.50	7.70								
10.	17.81	39.15	28.50	7.62	0.22	0.08		-11			0.82	
15.	17.79	39.15	28.51	7.59								
20.	17.79	39.15	28.51	7.58								
25.	17.79	39.15	28.51	7.52	0.09	-11		-11			0.80	
30.	17.79	39.15	28.51	7.41								
40.	17.79	39.15	28.51	7.27								
50.	17.78	39.15	28.51	7.36	0.08	0.08		-11			0.81	
60.	17.76	39.15	28.52	7.30								
70.	17.54	39.11	28.55	7.37	0.02	-11		-11			0.82	
75.	17.38	39.09	28.57	7.38								
80.	17.26	39.08	28.59	7.48								
90.	16.94	39.03	28.63	7.49								
93.					0.21	0.10		-11			0.76	
100.	16.66	39.00	28.67	7.54								
125.	16.40	39.00	28.74	7.30								
144.					0.17	0.10		0.31			0.68	
150.	16.23	39.01	28.79	7.23								
192.					0.07	0.07		0.60			0.64	
200.	15.69	39.00	28.91	7.05								
241.					0.22	0.09		1.98			0.63	
250.	15.11	38.97	29.02	6.83								
289.					0.11	0.23		3.98			0.53	
300.	14.61	38.91	29.09	6.48								
384.					0.22	0.31		5.72			0.43	
400.	14.01	38.79	29.13	6.09								



STATION NUMBER: A32-1  
 TOTAL DEPTH: 100.0 m.  
 PLACE:  
 DATE: 04-12-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 18:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 30.45°  
 LATITUDE: 36.50°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 15.4  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 4.28  
 SD/PH:  
 SW/PH: 1.14  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	17.92	37.40	27.13	7.16	0.20	0.12		3.07		0.76	0.49
5.	17.99	37.68	27.33	7.63							
10.	18.07	38.06	27.60	9.29	0.13	0.16		0.88		0.72	0.50
15.	18.39	38.52	27.87	9.07							
20.	18.53	38.70	27.98	8.96							
25.	18.79	38.83	28.01	8.83	0.05	0.11		0.31		0.75	0.41
30.	18.85	38.90	28.05	8.80							
40.	18.92	38.97	28.09	8.37							
50.	18.96	39.01	28.11	8.43	0.15	-11		-11		0.77	0.37
60.	18.95	39.01	28.11	8.25							
70.	18.94	39.02	28.12	8.07							
75.	18.94	39.03	28.12	8.04							
80.	18.94	39.03	28.13	8.03							

STATION NUMBER: A32-2  
 TOTAL DEPTH: 550.0 m.  
 PLACE:  
 DATE:04-12-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME:19:40  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE:30.40'  
 LATITUDE:36.40'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:0.52  
 SD/PH:  
 SW/PH:0.79  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	19.01	39.14	28.19	9.57	-11	0.08		-11		0.85	0.25
5.	19.01	39.14	28.19	7.89							
10.	19.02	39.14	28.19	7.78	0.02	0.09		-11		0.81	0.29
15.	19.01	39.14	28.19	7.79							
20.	19.00	39.15	28.20	7.71							
25.	18.96	39.17	28.22	7.74	0.10	0.08		-11		0.80	0.25
30.	18.96	39.17	28.22	7.71							
40.	18.96	39.16	28.22	7.57							
50.	18.95	39.17	28.23	7.67	0.20	0.09		-11		0.84	0.33
60.	18.94	39.17	28.23	7.58							
70.	18.94	39.17	28.24	7.56							
75.	18.94	39.17	28.24	7.54	0.02	0.09		-11		0.81	0.33
80.	18.92	39.17	28.24	7.55							
90.	18.91	39.17	28.24	7.54							
100.	18.87	39.17	28.26	7.53	0.03	0.08		-11		0.83	
125.	18.22	39.15	28.40	7.65							
130.					0.10	0.08		-11		0.83	
150.	16.96	39.00	28.60	7.89							
172.					-11	0.12		0.49		0.69	
200.	15.86	38.99	28.86	7.45							
250.	15.86	38.97	28.97	7.25							
258.					0.30	0.23		1.37		0.53	
300.	14.50	38.87	29.08	6.61							
344.					0.33	0.24		5.03		0.47	
400.	14.00	38.78	29.12	6.30							

STATION NUMBER: A-33  
 TOTAL DEPTH: 300.0 m.  
 PLACE:  
 DATE: 03-12-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 05:45  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 32. 0'  
 LATITUDE: 36.30'  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 6.3  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 1.68  
 SD/PH:  
 SW/PH:  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	19.08	39.06	28.11	7.06		0.12		0.06		0.77	
5.	19.10	39.06	28.11	6.99							
10.	19.30	39.19	28.15	7.10							
15.	19.39	39.27	28.19	7.09							
20.	19.39	39.28	28.19	7.12							
25.	19.39	39.28	28.19	7.15		0.09		-11		0.77	
30.	19.39	39.28	28.19	7.15							
40.	19.38	39.28	28.19	7.15							
50.	19.37	39.27	28.20	7.15		0.09		-11		0.76	0.29
60.	19.26	39.26	28.22	7.18							
70.	19.15	39.24	28.23	7.22							
75.	19.13	39.24	28.24	7.23		0.10		-11		0.77	0.25
80.	19.10	39.24	28.25	7.21							
90.	19.03	39.24	28.26	7.22							
100.	18.91	39.24	28.29	7.26		0.11		-11			
125.	18.21	39.17	28.42	7.45							
150.	16.52	39.02	28.73	7.72		0.12		-11		0.66	
200.	15.42	39.01	28.98	7.10	0.15	0.15		2.06		0.55	0.25

STATION NUMBER: A-34  
 TOTAL DEPTH: 53.0 m.  
 PLACE:  
 DATE: 28-11-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 17:55  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35.49°  
 LATITUDE: 36.42°  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.96  
 SD/PH:  
 SW/PH: 3.71  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	19.40	39.25	28.17	7.20	0.10	0.18		0.06		0.75	0.76
5.	19.40	39.25	28.17	7.11	0.16	0.21		-11		0.88	0.68
10.	19.41	39.25	28.17	7.13							
15.	19.41	39.25	28.17	7.11	0.12	0.25		-11		0.85	0.68
20.	19.41	39.25	28.17	7.08							
25.	19.41	39.25	28.17	7.09	0.18	0.17		-11		0.79	0.72
30.	19.41	39.25	28.17	7.08							
40.	19.41	39.25	28.17	7.10	0.13	0.17		-11		0.72	0.50

STATION NUMBER: A-35  
 TOTAL DEPTH: 42.0 m.  
 PLACE:  
 DATE: 28-11-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 22:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 36.6°  
 LATITUDE: 36.46°  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.84  
 SD/PH:  
 SW/PH: 2.15  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	19.27	39.17	28.14	7.32	0.14	0.25		0.23		0.73	
5.	19.29	39.17	28.14	7.22	0.12	0.19		0.58		0.72	
10.	19.31	39.17	28.13	7.12							
15.	19.31	39.17	28.14	7.12	0.12	0.16		-11		0.70	
20.	19.31	39.17	28.13	7.10							
25.	19.32	39.17	28.13	7.06	0.18	0.18		0.14		0.71	
30.	19.32	39.17	28.14	7.05							
35.	19.32	39.17	28.14	7.05	0.11	0.17		0.06		0.69	
40.	19.29	39.18	28.14	7.03							

STATION NUMBER: A-36  
 TOTAL DEPTH: 66.0 m.  
 PLACE:  
 DATE: 30-11-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 18:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35.57°  
 LATITUDE: 36.33°  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.32  
 SD/PH:  
 SW/PH: 1.34  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	20.08	39.32	28.04	6.97	0.15	0.13		-11		0.85	
5.	20.08	39.32	28.04	6.95	0.16	0.11		-11		0.77	
10.	20.09	39.33	28.05	7.02							
15.	20.09	39.34	28.06	6.96	0.12	0.12		-11		0.71	
20.	20.09	39.35	28.06	7.01							
25.	20.09	39.35	28.06	7.00	0.12	0.12		-11		0.69	
30.	20.10	39.36	28.06	6.98							
40.	20.11	39.37	28.07	6.95							
50.	20.02	39.35	28.08	6.96	0.11	0.11		-11		0.72	

STATION NUMBER: A-37  
 TOTAL DEPTH: 85.0 m.  
 PLACE:  
 DATE: 30-11-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 20:41  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35.43°  
 LATITUDE: 36.22°  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.50  
 SD/PH:  
 SW/PH: 1.18  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	19.89	39.28	28.06	7.50	0.18	0.11		-11		0.67	
5.	19.90	39.29	28.07	7.50	0.17	0.11		-11		0.73	
10.	19.91	39.31	28.08	7.41							
15.	19.91	39.31	28.08	7.38	0.15	0.11		-11		0.76	
20.	19.92	39.32	28.08	7.32							
25.	19.91	39.32	28.09	7.29	0.14	0.08		-11		0.73	
30.	19.87	39.32	28.10	7.26							
40.	19.83	39.33	28.12	7.22							
50.	19.63	39.30	28.15	7.22	0.11	0.10		-11		0.73	
60.	19.22	39.25	28.22	7.30							
70.	18.94	39.23	28.28	7.43							
75.	18.62	39.18	28.32	7.47	0.17	0.11		-11		0.69	

STATION NUMBER: A-38  
 TOTAL DEPTH: 15.0 m.  
 PLACE:  
 DATE: 28-11-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 15:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 35.32°  
 LATITUDE: 36.38°  
 WIND:  
 WIND DIRECTION:

OS: TR: TSS: 5.72  
 SD/Hg: SD/Cd: SD/PH:  
 SW/Hg: SW/Cd: SW/PH: 1.03  
 SM/Hg: SM/Cd: FC/0m.:  
 BOD-5: FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-H + NO2-N	Si	TOC	CHL-a
0.	19.14	38.46	27.63	7.26	1.12	0.21		15.27		0.74	
5.	19.30	38.82	27.87	7.24							
10.	19.38	38.99	27.98	7.23							

STATION NUMBER: GOOS00  
 TOTAL DEPTH: 500.0 m.  
 PLACE:  
 DATE:01-12-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME:01:13  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE:35. 0'  
 LATITUDE:36. 0'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS:0.32  
 SD/PH:  
 SW/PH:1.04  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	19.68	39.29	28.13	7.62	0.08	0.11		-11		0.69	
5.	19.68	39.30	28.13	7.52	0.20	0.16		-11		0.66	0.35
10.	19.69	39.30	28.13	7.33							
15.	19.69	39.30	28.13	7.18	0.10	0.11		-11		0.64	
20.	19.69	39.31	28.13	7.22							
25.	19.70	39.31	28.14	7.29	0.14	0.13		-11		0.65	0.57
30.	19.70	39.31	28.14	7.30							
40.	19.70	39.31	28.14	7.29							
47.					0.11	0.11		-11		0.63	0.55
50.	19.63	39.30	28.15	7.28							
60.	19.02	39.22	28.25	7.33							
68.					0.20	0.11		-11		0.63	0.22
70.	18.22	39.18	28.43	7.50							
75.	17.83	39.15	28.50	7.62							
80.	17.53	39.11	28.55	7.67							
90.	16.63	39.02	28.70	7.79	0.10	0.10		-11		0.56	0.11
100.	16.43	39.03	28.76	7.59							
110.											0.14
120.											0.08
135.					0.14	0.12		1.00		0.53	
140.											0.08
150.	15.76	39.01	28.90	7.24							
180.					0.20	0.19		3.27		0.44	
200.	14.91	38.94	29.04	6.59							
225.					0.23	0.28		4.54		0.47	
250.	14.29	38.85	29.11	6.29							
270.					0.10	0.29		4.97		0.47	
300.	14.05	38.80	29.13	6.17							
360.					0.09	0.31		5.66		0.40	
400.	13.78	38.74	29.14	6.07							

STATION NUMBER: F45Q30

SEASON:

TOTAL DEPTH: 850.0 m.

STATION TYPE:

PLACE:

CHARACTER

DATE:02-12-88

TIME:21:00

LONGITUDE:33.30°

BAROMETRIC PRESSURE:

AIR TEMPERATURE:

LATITUDE:35.45°

CLOUD:

WAVE STATE:

WIND:

SECCHI DISK DEPTH:

VISIBILITY:

WIND DIRECTION:

OS:

TR:

TSS:

SD/Hg:

SD/Cd:

SD/PH:

SW/Hg:14.4

SW/Cd:

SW/PH:

SM/Hg:

SM/Cd:

FC/0m.:

BOD-5:

FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	19.27	39.28	28.23	7.12			-11		-11		0.63	
5.	19.27	39.28	28.23	7.05								
10.	19.28	39.28	28.22	6.93								
15.	19.28	39.28	28.22	6.97								
20.	19.28	39.28	28.22	7.06								
25.	19.27	39.27	28.22	7.06		0.11			-11		0.64	
30.	19.20	39.27	28.24	7.06								
40.	18.86	39.24	28.30	7.12								
47.						0.11			-11		0.65	
50.	18.66	39.22	28.34	7.18								
60.	18.45	39.20	28.38	7.26								
68.						0.12			-11		0.65	
70.	18.38	39.19	28.39	7.26								
75.	18.33	39.18	28.40	7.29								
80.	18.30	39.18	28.40	7.30								
90.	18.24	39.17	28.41	7.33			-11		-11		0.67	
100.	17.97	39.14	28.46	7.37								
125.	16.44	39.01	28.74	7.37								
135.						0.11		0.43			0.58	
150.	16.14	39.01	28.81	7.19								
172.					0.12	0.13		1.36			0.67	
200.	15.57	39.00	28.94	7.02								
215.						0.15		3.25			0.47	
250.	14.97	38.94	29.03	6.55								
258.							-11	3.61			0.44	
300.	14.38	38.85	29.10	6.20								
344.						0.29		5.82			0.34	
400.	13.92	38.77	29.13	6.03								
430.						0.32		5.35			0.31	
500.	13.77	38.73	29.14	6.04								
600.	13.68	38.71	29.14	6.07								
645.						0.11		4.35			0.37	
700.	13.61	38.68	29.14	6.11								
750.	13.61	38.68	29.14	6.11								



STATION NUMBER: G3ON30  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 05-12-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 00:30  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 31.30°  
 LATITUDE: 36.30°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 9.4  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.42  
 SD/PH:  
 SW/PH: 0.53  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	-			
0.	18.38	39.16	28.37	7.15	0.14	0.12		-11		0.80	0.29	
5.	18.38	39.17	28.37	7.13								
10.	18.39	39.17	28.37	7.29								
15.	18.39	39.17	28.37	7.37								
20.	18.37	39.17	28.37	7.37								
25.	18.11	39.18	28.45	7.44	0.13	0.12		-11		0.84	0.20	
30.	17.56	39.15	28.57	7.57								
40.	17.20	39.07	28.59	7.64								
50.	16.96	39.02	28.61	7.65	0.09	0.11		-11		0.76	0.20	
60.	16.87	39.01	28.63	7.65								
70.	16.79	39.01	28.65	7.63								
75.	16.70	39.01	28.67	7.61	0.14	0.10		0.11		0.74	0.12	
80.	16.64	39.01	28.69	7.57								
90.	16.54	39.01	28.71	7.41								
100.	16.47	39.01	28.73	7.40	0.11	0.10		0.24		0.70		
110.					0.18	0.08		0.19		0.69		
120.					0.30	0.08		0.10		0.68		
125.	16.25	39.01	28.78	7.38								
140.					0.15	0.08		0.48		0.67		
150.	15.98	39.02	28.85	7.34	0.03	-11		0.65		0.66		
200.	15.52	39.01	28.96	7.15	0.14	0.07		1.63		0.62		
250.	15.04	38.97	29.04	6.85	0.27	0.17		2.95		0.62		
300.	14.56	38.90	29.09	6.46								
350.					0.16	0.27		4.09		0.54		
400.	13.98	38.79	29.14	6.14	0.29	0.31		5.58		0.47		
500.	13.81	38.75	29.15	6.09	0.03	-11		5.76		0.43		
600.					0.21	-11		5.06		0.45		
850.						0.31		5.67		0.41		
1100.					0.04	0.30		5.76		0.42		

STATION NUMBER: G15H30	SEASON:	
TOTAL DEPTH: 1400.0 m.	STATION TYPE:	
PLACE:		CHARACTER
DATE:05-12-88	TIME:03:45	LONGITUDE:31.30'
BAROMETRIC PRESSURE:	AIR TEMPERATURE:	LATITUDE:36.15'
CLOUD:	WAVE STATE:	WIND:
SECCHI DISK DEPTH:	VISIBILITY:	WIND DIRECTION:
DS:	TR:	TSS:2.66
SD/Hg:	SD/Cd:	SD/PH:
SW/Hg:15.5	SW/Cd:	SW/PH:0.36
SM/Hg:	SM/Cd:	FC/0m.:
BOD-5:		FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-H		Si	TOC	CHL-a
								+	NO2-H			
0.	18.91	39.21	28.27	6.64	0.12	0.11		-11			0.89	
5.	18.92	39.30	28.34	6.19								
10.	18.92	39.33	28.35	6.64								
15.	18.92	39.33	28.36	7.27								
20.	18.92	39.33	28.36	7.32								
25.	18.92	39.33	28.36	7.23	0.27	0.10		-11			0.93	
30.	18.92	39.33	28.36	7.14								
40.	18.92	39.33	28.36	7.19								
50.	18.88	39.33	28.37	7.22	0.23	-11		-11			0.95	
60.	18.69	39.33	28.42	7.29								
70.	18.58	39.33	28.45	7.30								
75.	18.58	39.32	28.45	7.31	0.27	0.11		-11			0.87	
80.	18.57	39.32	28.45	7.32								
90.	18.55	39.32	28.45	7.37								
100.	18.40	39.30	28.47	7.39	0.11	0.09		-11			0.91	
125.	16.33	39.01	28.77	7.71								
150.	15.98	39.02	28.85	7.21	0.23	0.10		0.45			0.71	
200.	15.45	39.01	28.98	7.11	0.12	0.11		1.03			0.70	
250.	14.86	38.96	29.07	6.73	0.11	0.16		2.76			0.65	
300.	14.35	38.88	29.12	6.39	0.22	0.18		2.58			0.66	
400.	14.02	38.81	29.14	6.20	0.07	0.29		3.67			0.51	
500.	13.79	38.75	29.15	6.13	0.18	0.27		5.82			0.49	
600.	13.71	38.72	29.15	6.17								
700.	13.66	38.71	29.15	6.18								
750.	13.65	38.70	29.15	6.20	0.19	0.29		5.43			0.50	
800.	13.64	38.69	29.15	6.23								
900.	13.61	38.68	29.15	6.30								
1000.	13.61	38.68	29.15	6.30		0.30		4.66			0.47	

STATION NUMBER: F30100  
 TOTAL DEPTH: 1000.0 m.  
 PLACE:  
 DATE: 05-12-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCII DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 09:20  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 29. 0°  
 LATITUDE: 35.30°  
 WIND:  
 WIND DIRECTION:

OS:  
 SD/Hg:  
 SW/Hg: 8.4  
 SM/Hg:  
 BOD-5:

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 0.74  
 SD/PH:  
 SW/PH: 0.45  
 FC/0m. :  
 FC/2m. :

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N + NO2-N	Si	TOC	CHL-a
0.	18.99	39.21	28.25	7.26	0.10	0.11		-11		0.87	
5.	19.00	39.22	28.25	6.96							
10.	19.00	39.22	28.25	7.13							
15.	19.00	39.22	28.25	7.27							
20.	18.99	39.22	28.26	7.27							
25.	18.99	39.22	28.25	7.29	0.09	0.12		-11		0.82	
30.	19.00	39.21	28.25	7.31							
40.	18.89	39.21	28.27	7.29							
50.	18.78	39.29	28.37	7.35	0.33	0.11		-11		0.84	
60.	18.56	39.29	28.43	7.41							
70.	18.37	39.31	28.49	7.44	0.09	-11		-11		0.84	
75.	18.32	39.31	28.50	7.46							
80.	18.30	39.31	28.50	7.47							
90.	18.17	39.29	28.53	7.47							
93.					0.21	0.11		-11		0.84	
100.	16.93	39.11	28.69	7.78							
125.	15.96	39.02	28.86	7.53							
135.					0.23	-11		0.40		0.64	
150.	15.61	39.03	28.95	7.20							
180.						0.16		2.02		0.63	
191.					0.11	0.18		2.68		0.62	
200.	15.26	39.00	29.01	7.06							
228.					0.16	0.17		2.37		0.64	
250.	14.85	38.95	29.07	6.80							
300.	14.41	38.89	29.12	6.51							
304.					0.28	0.15		4.24		0.55	
380.						0.28		4.25		0.50	
400.	14.03	38.81	29.15	6.29							
500.	13.85	38.77	29.15	6.24							
570.					0.20	0.31		5.76		0.43	
600.	13.70	38.73	29.15	6.21							
700.	13.65	38.71	29.15	6.22							
750.	13.65	38.70	29.15	6.24							
760.					0.13	0.12		5.76		0.41	
800.	13.64	38.69	29.15	6.26							
900.	13.63	38.69	29.15	6.31							
1000.	13.63	38.69	29.15	6.31							

STATION NUMBER: G00K30

SEASON:

TOTAL DEPTH: 1100.0 m.

STATION TYPE:

PLACE:

CHARACTER

DATE: 05-12-88

TIME: 13:40

LONGITUDE: 28.30°

BAROMETRIC PRESSURE:

AIR TEMPERATURE:

LATITUDE: 36. 0°

CLOUD:

WAVE STATE:

WIND:

SECCHI DISK DEPTH:

VISIBILITY:

WIND DIRECTION:

OS:

TR:

TSS:

SD/Hg:

SD/Cd:

SD/PH:

SW/Hg: 0.5

SW/Cd:

SW/PH: 0.80

SM/Hg:

SM/Cd:

FC/0m.:

BOD-5:

FC/2m.:

DEPTH	T	S	ST-T	DO	HM	PO4-P	NO2-N	NO3-N		Si	TOC	CHL-a
								+	NO2-N			
0.	18.87	39.15	28.23	6.47	0.18	-11		-11			0.84	
5.	18.87	39.20	28.27	6.70								
10.	18.87	39.22	28.28	7.19								
15.	18.87	39.22	28.29	7.26								
20.	18.87	39.23	28.29	7.30								
25.	18.88	39.23	28.29	7.32	0.14	0.11		-11			0.84	
30.	18.88	39.23	28.29	7.32								
40.	18.88	39.23	28.29	7.31								
50.	18.88	39.24	28.30	7.31	0.11	0.12		-11			0.84	
60.	18.88	39.24	28.30	7.31								
70.	18.85	39.25	28.32	7.32								
75.	18.79	39.25	28.33	7.33	0.08	0.11		-11			0.84	
80.	18.77	39.25	28.34	7.34								
90.	18.47	39.22	28.39	7.38								
100.	17.64	39.15	28.55	7.46	0.15	-11		-11			0.80	
125.	16.27	39.03	28.80	7.47								
150.	16.08	39.03	28.84	7.38	0.16	0.11		0.30			0.75	
200.	15.49	39.02	28.97	7.18								
250.	15.11	38.99	29.03	7.04								
300.	14.65	38.94	29.10	6.77								
400.	14.20	38.86	29.14	6.57								
500.	13.96	38.80	29.15	6.45								
600.	13.83	38.76	29.15	6.36								
700.	13.79	38.74	29.15	6.39								

STATION NUMBER: K21-2  
 TOTAL DEPTH: 10.0 m.  
 PLACE:  
 DATE: 28-11-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 10:15  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 2.5  
 SD/PH:  
 SW/PH: 2.44  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	20.83	39.15	27.71	6.60	0.86	0.80		2.07		1.08	
5.	20.83	39.26	27.79	6.63							
10.	20.83	39.27	27.80	6.64							
15.	20.84	39.28	27.80	6.64							
20.	20.87	39.28	27.80	6.64							

STATION NUMBER: K-22  
 TOTAL DEPTH: 10.0 m.  
 PLACE:  
 DATE: 28-11-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 11:50  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 1.33  
 SD/PH:  
 SW/PH:  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	18.51	38.50	27.83	7.72	0.21	0.30		4.30		0.80	
5.	18.60	38.71	27.96	7.72							

STATION NUMBER: K-23  
 TOTAL DEPTH: 15.0 m.  
 PLACE:  
 DATE: 28-11-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 19:55  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 4.45  
 SD/PH:  
 SW/PH: 99.84  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	18.89	39.12	28.20	7.41	0.15	0.14		-11			
5.	18.87	39.12	28.21	7.45							

STATION NUMBER: K-25  
 TOTAL DEPTH: 10.0 m.  
 PLACE:  
 DATE: 28-11-88  
 BAROMETRIC PRESSURE:  
 CLOUD:  
 SECCHI DISK DEPTH:

SEASON:  
 STATION TYPE:  
 TIME: 21:05  
 AIR TEMPERATURE:  
 WAVE STATE:  
 VISIBILITY:

CHARACTER  
 LONGITUDE: 0. 0'  
 LATITUDE: 0. 0'  
 WIND:  
 WIND DIRECTION:

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

TR:  
 SD/Cd:  
 SW/Cd:  
 SM/Cd:

TSS: 4.55  
 SD/PH:  
 SW/PH: 1.43  
 FC/0m.:  
 FC/2m.:

DEPTH	T	S	SI-T	DO	HM	PO4-P	NO2-N	NO3-N +	Si	TOC	CHL-a
0.	17.48	38.69	28.23	8.45	0.16	1.36		8.58		1.05	
5.	17.48	38.69	28.23	8.29							