# MED-POL II.DÖNEM
# UZUN SÜRELİ DENİZ KİRLİLİĞİ ÖLÇÜM VE İZLEME PROJESİ
# AKDENİZ KESİMİ

## 1995 YILI
## FİNAL RAPORU

**DESTEKLEYEN KURULUŞ**

**T.C.**
**ÇEVRE BAKANLIĞI**

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*TEŞEKKÜR*

*Akdeniz Eylem Planı (MAP) kapsamında Akdeniz'de kirliliğin izlenmesi amacıyla gerçekleştirilen MED-POL II. Aşama Uzun Süreli Deniz Kirliliği Ölçüm ve İzleme Projesi, Akdeniz Kesimi çalışmalarında 1995 yılında Kuzeydoğu Akdeniz'de kıyısal alanlarda mevsimsel aralıklarla deniz saha çalışmaları yapılmıştır. Bu İzleme Programını destekleyen T.C. Çevre Bakanlığına teşekkürü bir borç biliriz.*

*Sunulan çalışmayı yürüten Orta Doğu Teknik Üniversitesi Deniz Bilimleri Enstitüsü'ndeki araştırıcı ve teknik personel ile deniz saha çalışmalarına katkıda bulunan R/V Bilim gemisi kaptanı ve gemici personeline teşekkür ederiz.*

**İÇİNDEKİLER:**

# I.GİRİŞ

Akdeniz Eylem Planı (MAP) kapsamında Akdeniz'de kirliliğin izlenmesi amacıyla gerçekleştirilen MED-POL II. Aşama Uzun Süreli Deniz Kirliliği Ölçüm ve İzleme Projesi, Akdeniz Kesimi çalışmalarında 1995 yılında Kuzeydoğu Akdeniz'de kıyısal alanlarda üç deniz saha çalışması yapılmıştır. Projeyi destekleyen kuruluş olan T.C. Çevre Bakanlığı ile Projeyi yürüten kuruluş olan Orta Doğu Teknik Üniversitesi 1995 Yılı İzleme Programına ait Protokolü 03 Ocak 1995'de imzalamasına karşın Projenin onaylanarak uygulamanın yürürlüğe girmesi 25 Mayıs 1995'i bulmuştur. Bu nedenle deniz saha çalışmalarına geç başlanmış ve Akdeniz Eylem Planı MED-POL II. Aşama Programına göre mevsimsel bazda yapılması istenen deniz seferleri tam anlamıyla mevsimsel bazda yapılamamıştır. Çizelge 1'de Kuzeydoğu Akdeniz'de yapılan deniz seferlerine ait tarihler verilmektedir. Bu listeden görüleceği üzere ilk deniz seferi yaz aylarını temsilen Temmuz 1995'de, ikinci deniz seferi ise sonbahar aylarını temsilen Eylül 1995'de gerçekleştirilmiştir. Kış aylarını temsilen Aralık ayında yapılması gereken üçüncü sefer ise Protokole göre Final Raporunun 20 Aralık 1995'de T.C. Çevre Bakanlığına sunulmasının gerekliliği nedeniyle ikinci seferden 1 ay sonra (Ekim 1995'de) yapılmıştır.

Çizelge 1. MED-POL II. Aşama Akdeniz kesiminde yapılan deniz seferleri

* 1-6 Temmuz 1995 (Yaz Dönemi)
* 18-21 Eylül 1995 (Sonbahar Dönemi)
* 19-28 Ekim 1995 (Sonbahar Dönemi)

Bu Çizelgede verilen deniz saha çalışmalarında örnekleme yapılan istasyonları gösteren harita Şekil 1'de verilmektedir.

Deniz saha çalışmalarına paralel olarak evsel ve endüstriyel atıkların verildiği noktalar ile 1995 Protokolünde yer almayan ancak daha önceki yıllarda izleme çalışmaları kapsamında bulunan bazı nehirlerde 12-19 Temmuz 1995 ve 23 Kasım 1995 dönemleri olmak üzere iki kez örnekleme yapılmıştır.

MED POL II. Aşama Akdeniz kesimi kapsamında Türkiye kıyılarında sürdürülen izleme çalışmalarına paralel olarak Kuzey Kıbrıs Türk Cumhuriyeti'nin kıyılarında benzer bir izleme çalışmasının yapılması öngörülmüştür. 22.08.1995 tarihinde Proje Yürütücüsü Prof. Dr. İlkay Salihoğlu'nun Kuzey Kıbrıs Türk Cumhuriyeti Spor, Gençlik ve Çevre Bakanlığı, Çevre Dairesi Genel Müdürü Sn. Mehmet Çelik ile yaptığı görüşme sonucunda Şekil 2'de gösterilen istasyonlar belirlenerek bu çalışmanın başlaması konusunda mutabakat sağlanmıştır. Şekil 2'den görüleceği üzere saptanan üç istasyon Magosa ve Girne şehir ve Güzelyurt (Yedidalga bölgesi) körfezi olmak üzere kıyı istasyonları ve açık istasyonlar olarak belirlenmiştir.

Bu izleme çalışmaları kapsamında Ek 1'de verilen parametreler ölçülmekte ve analiz edilmektedir.

## II. MATERYAL VE METOD

Kaynak (evsel, endüstriyel ve akarsu) istasyonlarında Proje kapsamında belirtilen noktalardan toplanan atıksu veya nehir suyu örneklerinde toplam 12 biyokimyasal ve kirlilik parametresi ölçülmüştür. Bu ölçümlerde takip edilen yöntemler aşağıda özetle verilmektedir. Bu analiz ve ölçümlerde genel olarak uluslararası standart yöntemler uygulanmıştır (Kaynak: APHA, AWWA, WPCF, Standard Methods for the Examination of Water and Wastewater, 16. Baskı, 1985).

1. Suda Toplam Civa ($T\text{-}Hg_W$): Sıcak kromik asit ile yıkanmış renkli cam şişelere alınan 500 mL hacmindeki civa örneklerine koruyucu olarak 10mL sülfürik asit ve 10 mL %5 lik $KMnO_4$ çözeltisi eklenir. Örnekte permanganat rengi kaybolursa daha fazla ekleme yapılır. Laboratuvara getirilen örneklere 5mL derişik $HNO_3$ ve 10mL %5 lik $K_2S_2O_8$ eklenerek, 50-60 °C'ye kadar ısıtılmış su banyosunda 7-8 saat tutulur. Örnekler soğuduktan sonra arta kalan permanganatı indirgemek için yeterli miktarda kimyasal (NaCl + $HONH_3Cl$) Balonlara alınan örneklere 10 mL %1 lik $NaBH_4$ eklenir ve indirgenerek inorganik yapıya dönüştürülen civa amalgam üzerinde tutularak soğuk buhar ve atomik soğurma tekniği uygulanarak ölçülür. Standart ekleme yöntemi uygulanarak, geri kazanım yüzdesinden kaynaklanan ölçüm hataları çok düşük seviyelere indirilir. Bu analizde duyarlılık sınırı 0.3 ng/L dir.

2. Suda Toplam Kadmiyum ($T\text{-}Cd_W$): Önceden temizlenmiş 100 mL lik şişelere alınan atıksu örneklerinde kadmiyum kaybını önlemek için 0.5 mL derişik nitrik asit eklenir. Soğuk olarak analize kadar saklanır. Bundan 40mL alt örnek alınarak, 10mL $HCl+HNO_3$ karışımı eklenir. Beher içerisinde ağzı saat camı ile kapalı olarak 100 °C de 30 dakika ısıtılır. Soğuduktan sonra, balon jojelere alınır ve 0.2 mL %25 lik $NH_4NO_3$ ilavesinden sonra uygun hacme (10 mL) soğutulmuş örnek ile tamamlanır. Örneğin toplam kadmiyum derişimi alevli veya karbon küvetli atomik absorpsiyon cihazı kullanılarak ölçülür. Seyrelme faktörü ile çarpılarak orijinal atıksudaki toplam kadmiyum derişimi hesaplanır. Bu parametrenin analizi 50 ng/L duyarlılıkla yapılabilmektedir.

3. Toplam Azot (T-N) ve Toplam Oksitlenmiş Azot ($NO_3+NO_2$-N): Temiz plastik şişelere alınan atıksu örnekleri, dondurulmuş olarak saklanır. Daha sonra 15mL örnek kapaklı ve ısıya dayanıklı cam şişeye alınır ve 10mL (NaOH+persülfat) oksitleme çözeltisi eklenir. Basınç altında 30 dakika tutulur, soğutulur ve 50 mL lik balon jojeye aktarılır. Örnekte bulunan oksitlenebilir organik azot bileşikleri ve amonyak nitrata yükseltgendiğinden, toplam azotu öçmek için nitrat için verilen standart analiz yöntemi uygulanır.

Bu yöntemde nitrat iyonları önce kadmiyum kolondan geçirilerek nitrite indirgenir. Nitrit daha sonra sülfanilamidle reaksiyona sokulur ve renkli diazo kompleksi oluşur. Meydana gelen bileşiğin renk yoğunluğu UV-VIS specrofotometresi kullanılarak 520 nm de 1 veya 5 cm lik cam küvet kullanılaral ölçülür. Kantitatif hesaplamalarda, aynı şartlarda analiz edilen nitrat standartlardan elde edilen kalibrasyon eğrisi kullanılır. Deniz suyunda nitrat+nitrit analizleri Technicon II otoanalizör kullanılarak yapılmaktadır.

4. Toplam Fosfor (T-P): Asitle temizlenmiş plastik şişelere alınan atıksu örneklerine $H_2SO_4$ ilave edilerek pH <2 düşürülür. Analiz anına kadar soğukta saklanır. 35mL örnek ısıya dayanıklı, kapaklı 50 mL lik cam şişelere veya beherlere alınır. 30-40 dakika basınç altında ya da açıkta ısıtılır. pH=8 e ayarlanır ve orto-fosfat ölçüm yöntemi uygulanarak örneğin fosfor derişimi bulunur. Seyrelme faktörü ile çarpılır ve orijinal örneğin toplam fosfor derişimi hesaplanır.

5. Orto-fosfat (o-$PO_4$-P): Çözünmüş inorganik fosfat tayini için ayrı şişelere alınan örnekler dondurulmuş olarak analize kadar saklanır. Oda sıcaklığına getirilen atıksuların fosfat derişimine bağlı olarak uygun hacimde (10-100mL arasında) örnek 100mL lik balon jojelere alınır ve destile su ile seyreltilir. Eğer örnekte fazla miktarda katı madde varsa, GF/C tipi filtre kağıdından süzüldükten sonra fosfat analizi yapılır. Standart yöntemde belirtilen miktarlarda kompleks yapıcı kimyasal çözeltiler balon jolelere eklenir. Çözeltideki fosfat miktarına bağlı olarak meydana gelen mavi renkli fosfo molibdenyum kompleksinin renk yoğunluğu 880 nm de 1 veya 5cm lik cam küvette kolorimetrik olarak ölçülür. Kanitatif hesaplamalar standart çözeltilerden elde edilen kalibrasyon eğrisi kullanılarak hesaplanır. Silikat girişimini azaltmak için deney sırasında pH<1 de tutulmalıdır. Deniz suyundaki fosfat ölçümlerinde otoanalizör kullanılmaktadır.

6. Toplam Asılı Katı (TSS): Plastik veya cam şişelere alınan 1-2 litre su örneği buz kutuları içerisinde laboratuvara taşınır. Önceden 103 °C de kurutulmuş ve boş ağırlığı tartılmış 1.2 mikron gözenekli GF/C tipi filtrelerden yeterli hacimde örnek vakumla süzülür. Cam petri kaplarına yerleştirilen filtre kağıtları, üzerindeki katı madde ile birlikte bir gece 103 °C de kurutulur ve tekrar tartılır. Boş ağırlığı çıkarılır ve filtre kağıdı üzerinde toplanan katı madde miktarı belirlenir. Bu değer süzülen atıksu hacmine bölünerek birim hacimdeki TSS miktarı tesbit edilir.

7. Biyokimyasal Oksijen İhtiyacı (BOİ5): Asitle temizlenmiş ve birkaç defa damıtık su ile yıkanmış renkli cam şişelere alınan atıksu örnekleri buz kutuları içerisinde soğuk olarak laboratuvara taşınır. En geç 8 saat içerisinde deneysel işlemler tamamlanır. Örnekler en az 10 dakika havalandırılarak oksijence doygun hale getirilir. Örneğin içerdiği organik madde miktarına bağlı olarak uygun hacim alınır ve 300ml'lik BOİ şişelerine konur. Daha sonra seyreltme suyu ile hacim 300ml'ye tamamlanır. BOİ seviyesi çok düşük

olan ve organik tutucu aktif karbon sisteminden geçirilen seyreltme suyuna, örnekteki organik maddeyi biyokimyasal olarak parçalayacak canlı organizmanın temini için 1-2 ml/L seviyesinde, cam pamuğundan süzülmüş evsel atıksu ilave edilir. Ayrıca pH kontrolü ve çözeltinin besi elementleri ihtiyacını karşılamak için "Standart Metod" da verilen oranlarda değişik kimyasallar seyreltme suyuna eklenir. Seyreltme suyu, kullanılmazdan önce 1-2 saat havalandırılır. Paralel hazırlanan örneklerin birisinde çözünmüş oksijen, karıştırıcılı oksijen probu (duyarlılığı: 0.1 mg/L) kullanılarak ölçülür. Daha sonra, uygun seyrelme oranlarında hazırlanan tüm örnekler 20 °C de, karanlıkta 5 gün süreyle saklanır. Beşinci gün sonunda örneklerin oksijen seviyesi tekrar ölçülür ve başlangıç değerinden çıkarılır. Aynı şartlarda hazırlanan "şahit" örneğin oksijen kullanımı da bu değerden düşülerek, bulunan değer atıksu seyrelme faktörü ile çarpılır ve orijinal örneğin beş günlük oksijen kullanımı (BOİ$_5$) mg-$O_2$/L olarak belirtilir. Deneyin sonucunun güvenilir olması için başlangıç ve 5. gün sonunda ölçülen oksijen değerleri arasındaki fark en az 2.0 mg/L fark olmalıdır.

8. Kimyasal Oksijen İhtiyacı (KOİ): Temiz cam şişelere alınan örneklerin pH sı sülfürik asit ilavesi ile 2 nin altına düşürülür. Analiz anına kadar soğukta saklanır. Uygun hacimde (2-20mL) örnek balonlara alınır. Gerekli kimyasalllar ($HgSO_4$, $H_2SO_4$) ve 0.25N $K_2Cr_2O_7$ standardı eklenir. Geri soğutuculu sistemde iki saat kaynatılır. Balon soğumaya bırakılır ve daha sonra çözeltide kalan kullanılmamış Cr(+6) miktarı geri titrasyon yöntemiyle, standart Fe(+2) çözeltisi ve ferroin indikörü kullanılarak belirlenir. Aynı şartlarda "şahit" deney yapılarak seyreltme suyundan ve kullanılan kimyasallardan gelen parçalanabilir organik madde miktari belirlenir. Standart Yöntemlerde verilen eşitlik kullanılarak örneğin KOİ derişimi hesaplanır.

9. Poliaromatik Hidrokarbonlar (PAH): 2.5 litrelik kahverengi cam şişelere alınan atıksu örneği 50 mL nanograde mertebesinde temiz n-hegzan ile ekstrakte edilir ve PAH organik faza alınır. Rotary-evaporatörde n-hegzan uçurularak örnek konsantre edilir ve son hacim 10 mL'ye ayarlanır. Floresans ölçümü 310 nm uyarma (excitation), 360 nm yayınım (emission) dalga boyunda yapılır. PAH konsantrasyonu Chrysene standardı kullanılarak ve gerekli hacim düzeltmeleri yapılarak $\mu$g/L seviyesinde hesaplanır.

10. Halojenli Hidrokarbonlar (HH): 250 mL atıksu n-hegzan ile ekstrakte edilir ve rotary-evaporatör yardımıyla düşük sıcaklıkta 5-10 mL'ye konsantre edilir. Kudurna-Danishte azot gazı yardımıyla 1 mL'lik çözelti elde edilir. Sodyum sülfat kolonundan geçirilen n-hegzan fazı florosil kolonundan da geçirilerek halojenli hidrokarbonlar belirli guruplara ayrılır. Gruplar 1mL kalıncaya kadar azot gazı ile uçurulur ve elektron yakalayıcı dedektör kullanılarak gaz kromatografik analizleri yapılır ve derişimi bilinen standartlar kullanılarak atıksudaki halojenli hidrokarbonların nitel ve nicel analizi yapılır.

11. Anyonik Deterjanlar (DET): LAS gibi anyonik yüzey aktif maddeler metilen mavisi ile reaksiyona girerek mavi renkli bir kompleks oluştururlar. Oluşan kompleks tuzların kloroformda çözünmesiyle meydana gelen mavi rengin şiddeti deterjanın konsantrasyonu ile doğru orantılıdır. Bu renk 652 nm dalga boyunda spektrofotometrik olarak ölçülür. Metilen mavisi yöntemi 0.025-100 mg/L LAS derişim aralığı için uygulanabilmektedir ve bu yöntemle tayin edilebilen minimum LAS miktarı 0.010 mg/L dir.

12. Debi: Örnekleme yapılan kaynakların günlük ortalama debisinin tesbiti için ayrı ve özel bir ölçüm yapılmamaktadır. Evsel atıksu debisi için gerekli bilgi Belediyelerden, Endüstriyel atıksu debileri de ilgili kuruluşlardan sağlanmaktadır. Nehir sularının debisinde ise Devlet Su İşleri verileri esas alınmaktadır.

MED-POL II. Aşama Akdeniz Kesimi deniz saha çalışmaları sırasında toplanan deniz suyu örneklerinde aşağıda verilen parametreler ölçülmekte ve sözü edilen analiz yöntemleri kullanılmaktadır.

1. Derinlik (D), Tuzluluk (S), Sıcaklık (T), ve İletkenlik (C) ve çözünmüş oksijen (ÇO, DO) ölçümleri R/V Bilim gemisinde bulunan Sea-Bird Model CTD-DO probu ve okuyucusu kullanılarak anında yapılır, bilgisayar disketlerine kayıt edilir. Sigma-teta ($\sigma t$, Si-T) CTD bulguları kullanılarak ayrıca hesaplanır.

2. Besin Tuzları: Deniz suyunda orto-fosfat (o-PO4-P) ve toplam oksitlenmiş azot ($NO_3$+$NO_2$-N) analizleri için atık sular için verilen yöntem uygulanır. Ancak deniz suyunda konsantrasyonlar çok düşük olduğundan örnekler seyreltilmeden analiz edilmektedir ve ölçümler otoanalizör ile yapılmaktadır. Reaktif Silikat [$Si(OH)_4$-Si] analizi için örnekler iyi kalite plastik şişelere alınır. Örnekleme için hiçbir şekilde cam şişe kullanılmamalıdır. Örnekler analize kadar serin bir ortamda ve karanlıkta saklanır. Silikat otoanalizör ile analiz edilmekte ve asidik ortamda molibdatla reaksiyona sokularak silikomolibdik asit oluşumu sağlanmaktadır. Bu kompleks askorbik asit ile indirgenerek oluşan mavi renkteki molibden kompleksi 660 nm de kalorimetrik olarak ölçülür. Fosfattan kaynaklanan interferansın önlenebilmesi için ortama oksalik asit ilavesi yapılır. Sırasıyla fosfat, nitrat ve silikatın duyarlılık sınırları 0.02, 0.05 ve 0.3 $\mu$M olarak belirlenmiştir.

3. Çözünmüş oksijen (ÇO, DOw)ölçümleri, CTD-DO probunun yaptığı yerinde ölçümlere paralel olarak ayrıca Winkler titrasyon metodu kullanılarak da yapılmaktadır. Özel DO şişelerinde çöktürülen örnekteki oksijen derişimi ile orantılı olan mangan çökeltisi asit ilavesi ile çözülür, açığa çıkan iyot standart tiyosülfat çözeltisi ile titre edilir. Titrasyon dönüm noktası nişasta çözeltisi ve redoks potansiyel elektrodu kullanılarak belirlenir. Karanlıkta

korunan örneklerin analizi normal olarak iki saat içerisinde tamamlanır. Ölçümlerin hassasiyet derecesi ± 10 $\mu$M dür.

4. Petrol Hidrokarbonları (PHC): Deniz suyunda Çözünmüş/Dağılmış Petrol Hidrokarbonları atıksu PAH analizinde olduğu gibi 2.5 litre deniz suyu 50 mL n-hegzan ile extrakte edilip florimetrik ölçümler 310 nm uyarma, 360 nm yayınım dalga boylarında Chrysene standardına karşı yapılmaktadır. Petrol Hidrokarbon bileşenlerinin Gaz Kromatografik analizleri ise florimetrik ölçümleri takiben yapılmaktadır. Sonuçlar $\mu$g/L olarak verilmektedir.

MED-POL II. Aşama Akdeniz Kesimi deniz saha çalışmaları sırasında toplanan asılı katı örneklerinde aşağıda sıralanan parametreler ölçülmektedir. Bu parametreler genelde sediman için kullanılan yöntemler uygulanarak analiz edilmektedir.

1. Asılı Katıda Toplam Civa ($T\text{-}Hg_{TSS}$) ve Toplam Kadmiyum ($T\text{-}Cd_{TSS}$): Toplanan su örnekleri belirli hacimde GF/C filtre kağıdından süzülür ve filtreler 100 mL 2X su ile yıkanır. Filtre kağıtları petri kabı içerisinde analiz anına kadar derin dondurucuda saklanır. Analiz sırasında filtreler teflon parçalama kaplarına alınır ve 3 mL derişik nitrik asit ilave edilerek kapalı olarak 120 °C de 8 saat ısıtılır. Soğutulan örnekler saf su ile 25 mL ye tamamlanır. Toplam civa için 4 mL örnek + 1 mL $SnCl_2$ çözeltisi hazırlanarak atomik absorpsiyon spektrometresi(AAS) ile soğuk buhar yöntemi kullanılarak analiz edilir. Asılı katıdaki toplam kadmiyum ise AAS karbon küvet yöntemi ile analiz edilir. Her iki parametre için duyarlılık 1 ng/L dir.

2. Petrol Hidrokarbonları($PHC_{TSS}$): Asılı katıda Petrol Hidrokarbonu analizleri sediman analiz yöntemi takip edilerek yapılmaktadır. Belirli hacimdeki deniz suyu GF/C tipi filtre kağıtlarından süzülmekte ve analiz anına kadar derin dondurucuda saklanmaktadır. Daha sonra filtre kağıtları sediman analizinde sözü edilen ekstraksiyon basamakları takip edilerek ve gerekli hacim düzeltmesi yapılarak $\mu$g/L seviyesinde ölçülmektedir.

3. Asılı Katıda Halojenli Hidrokarbonlar ($HH_{TSS}$): Belirli hacimde deniz suyu daha önce yüksek sıcaklıkta yakılmış cam filtrelerden (GF/C) süzülür. Daha sonra sedimanda ve organizmada HH analiz yöntemi izlenir.

MED-POL II. Aşama Akdeniz Kesimi deniz saha çalışmaları kapsamında kıyı istasyonlarından toplanan sediman örneklerinde analiz edilen Toplam Civa, Toplam Kadmiyum, Kurşun ve Krom ile Poliaromatik Hidrokarbonlar, Petrol Hidrokarbonları ve Halojenli Hidrokarbonlara ait analiz yöntemleri aşağıda verilmektedir.

1. Sedimanda Toplam Civa ($T\text{-}Hg_{SED}$) ve Toplam Kadmiyum ($T\text{-}Cd_{SED}$): Sediman örnekleri analiz anına kadar derin dondurucuda saklanır. Analiz

sırasında 1 g dan az olmak koşulyla tarılan sediman örneğine 3 mL nitrik asit ilave edilerek 130±5 °C de 8 saat süre ile kapalı olarak ısıtılır (parçalanır). Soğuduktan sonra destile su ile hacim 25 mL ye tamamlanır. Bu basamaktan sonra asılı katıda toplam civa ve toplam kadmiyum analiz yöntemi uygulanır. Her iki parametre için duyarlılık sınırı 0.3 ng/g (yaş ağırlık) olarak verilmektedir.

2. Sedimanda Kurşun ($Pb_{SED}$) ve Krom ($Cr_{SED}$): 1 g dan az sediman örneği tartılarak teflon kaplara alınır ve üzerine 3 mL nitrik asit ilave edilerek 130±5 °C de 8 saat süre ile kapalı olarak ısıtılır (parçalanır). Soğuduktan sonra destile su ile hacim 25 mL ye tamamlanır. AAS ile Kurşun karbon küvet yöntemiyle g/g seviyesinde, Krom ise alev ortamında g/g seviyesinde ölçülür. Asılı katıda kurşun ve kromda da aynı yöntem takip edilir. Bu kez işlem gören filtrelerdeki kurşun ve krom μg/L seviyelerinde ölçülür.

3. Poliaromatik Hidrokarbonlar ($PAH_{SED}$) ve Petrol Hidrokarbonları ($PHC_{SED}$): 35-40 °C de düşük basınç altında kurutulan sediman örneklerinden 0.25-0.75 g örnek 90 dakika süre ile 20 mL $C_2H_5OH$ ve 0.7 g KOH karışımı ile geri soğutucu altında ısıtılarak organik faza alınmaktadır. Daha sonra örnek yaklaşık 20 mL n-hegzan ile ekstrakte edilmektedir. Ektraksiyon destile su ilavesi ve tekrar n-hegzan ilavesi ile tekrarlanmakta ve sonuçta tüm ekstraktlar birleştirilmektedir. Hegzan ekskraktının daha sonra 310 nm uyarma (excitation) ve 360 nm yayınım (emission) dalga boylarında floresansı Chrysene standardına karşı ölçülmekte sonuçlar μg/g seviyesinde hesaplanmaktadır. Ayrıca 12 saat süre ile direk olarak n-hegzan ile kuru sediman örneğinin soxhelet ekstraksiyonu ile yapılan floresans ölçümleri de benzer sonuçları vermektedir. Sediman örneklerindeki Petrol Hidrokarbonları bileşenlerine ait Gaz Kromatografik analizler floresans ölçümlerini takiben yapılmaktadır.

4. Halojenli Hidrokarbonlar ($HH_{SED}$): Belirli ağırlıkta düşük sıcaklıkta kurutulmuş sediman örneği n-hegzan ile soxhelet cihazında 8 saat süre ile ekstrakte edilir. Ekstrakt daha sonra 5-10 mL kalıncaya kadar rotary-evaporatörde konsantre edilir. Kudurna-Danish'de azot altında 1 mL'ye düşürülen çözelti sırasıyla sodyum sülfat ve florosil kolonlardan geçirilerek analize hazır hale getirilir ve analizleri belirli koşullar altında elektron yakalayıcı dedektörün kullanımıyla gaz kromotografisi ile yapılır.

MED-POL II. Aşama Akdeniz Kesimi Projesi kapsamında deniz canlılarındaki kirliliğin belirlenmesi amacıyla toplanan organizma (balık) örneklerinde aşağıdaki parametreler karşılarında özetle verilen yöntemler kullanılarak analiz edilmektedir.

1. Organizmada Toplam Civa ($T\text{-}Hg_{ORG}$) ve Toplam Kadmiyum ($T\text{-}Cd_{ORG}$): 1 g dan az balık eti tartılarak üzerine 3 mL nitrik asit ilave edilir ve 120 °C

de 8 saat süreyle kapalı olarak ısıtılır. Soğuduktan sonra toplam hacim destile su ile 25 mL ye tamamlanır. Daha sonra asılı katı veya sedimanda olduğu gibi civa soğuk buhar yöntemiyle, kadmiyum ise karbon küvet yöntemiyle AAS ile analiz edilir. Her iki parametre 0.3 ng/g (yaş ağırlık) duyarlılık sınırı ile ölçülebilmektedir.

2. Organizmada Kurşun ($Pb_{ORG}$) ve Krom ($Cr_{ORG}$): 1 g dan az balık eti tartılarak üzerine 3 mL nitrik asit ilave edilir ve teflon kaplarda kapalı olarak 8 saat 120 °C de ısıtılır. Soğuduktan sonra hacim saf su ile 25 mL ye tamamlanır. Örneklerdeki kurşun AAS ile karbon küvet yöntemi kullanılarak μg/g seviyesinde ölçülür. Krom ise alevli AAS de μg/g seviyesinde ölçülür.

3. Organizmada Poliaromatik Hidrokarbonlar ($PAH_{ORG}$): 35-40 °C de düşük basınç altında kurutulan balık örneklerinden 0.25-0.75 g örnek 90 dakika süre ile 20 mL $C_2H_5OH$ ve 0.7 g KOH karışımı ile geri soğutucu altında ısıtılarak organik faza alınmaktadır. Daha sonra örnek yaklaşık 20 mL n-hegzan ile ekstrakte edilmektedir. Ektraksiyon destile su ilavesi ve tekrar n-hegzan ilavesi ile tekrarlanmakta ve sonuçta tüm ekstraktlar birleştirilmektedir. Hegzan ekskraktının daha sonra 310 nm uyarma (excitation) ve 360 nm yayınım (emission) dalga boylarında floresansı Chrysene standardına karşı ölçülür ve sonuçlar μg/g seviyesinde hesaplanır.

4. Organizmada Halojenli Hidrokarbonlar ($HH_{ORG}$): Belirli ağırlıktaki organizma n-hegzan ile soxhelet cihazında 8 saat süre ile ekstrakte edilir. Ekstrakt daha sonra 5-10 mL kalıncaya kadar rotary-evaporatörde konsantre edilir. Kudurna-Danish'de azot altında 1 mL'ye düşürülen çözelti sırasıyla sodyum sülfat ve florosil kolonlardan geçirilerek analize hazır hale getirilir ve analizleri belirli koşullar altında elektron yakalayıcı dedektörün kullanımıyla gaz kromotografisi ile yapılır.

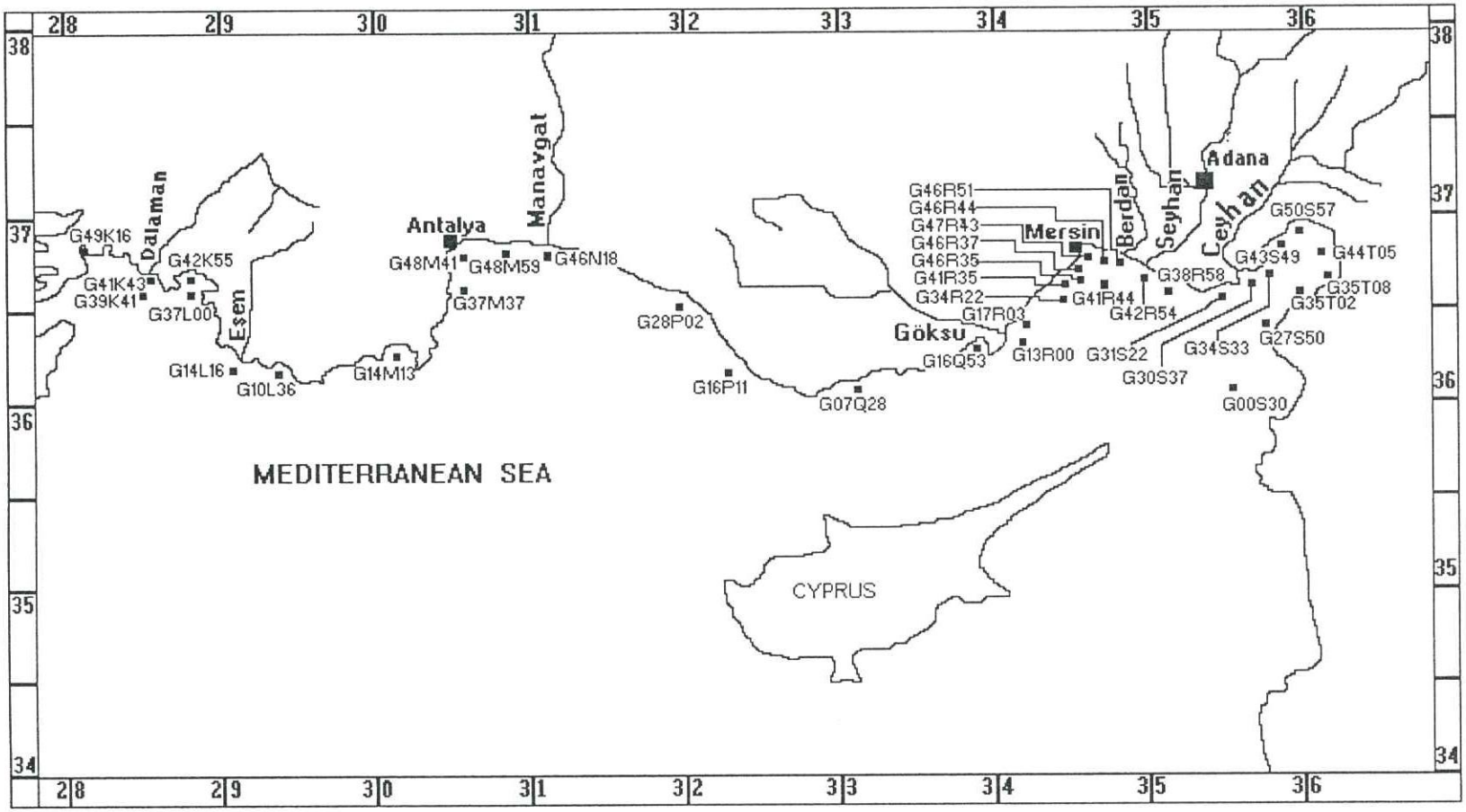
## III.SONUÇLAR VE TARTIŞMA

Akdeniz Eylem Planı (MAP) kapsamında Akdeniz'de kirliliğin izlenmesi amacıyla gerçekleştirilen MED-POL II. Aşama Uzun Süreli Deniz Kirliliği Ölçüm ve İzleme Projesi, Akdeniz Kesimi çalışmalarında 1995 yılında Kuzeydoğu Akdeniz'de yapılan deniz saha çalışmalarında ve kaynak noktalarında değişik matrikslerde (atıksu, deniz suyu, asılı katı, sediman ve organizma) ölçülen standart oşinografik parametrelerle kirletici parametreler ait sonuçlar bu Final Raporunda sunulmaktadır. Çizelge 2'de kaynak istasyonlarında Temmuz 1995 ve Kasım 1995 dönemlerinde toplanan örneklerde ölçülen organik ve inorganik kirletici parametrelere ait sonuçlar verilmektedir. Çizelge 3'de yüzey sularında ölçülen Petrol Hidrokarbonları ve Toplam Asılı Katı ile Asılı Katıda ölçülen Toplam-Cıva, Toplam Kadmiyum, Petrol Hidrokarbonları ve Halojenli Hidrokarbonlara ait sonuçlar verilmektedir. Bu Çizelgeden görüleceği üzere asılı katı miktarının çok düşük

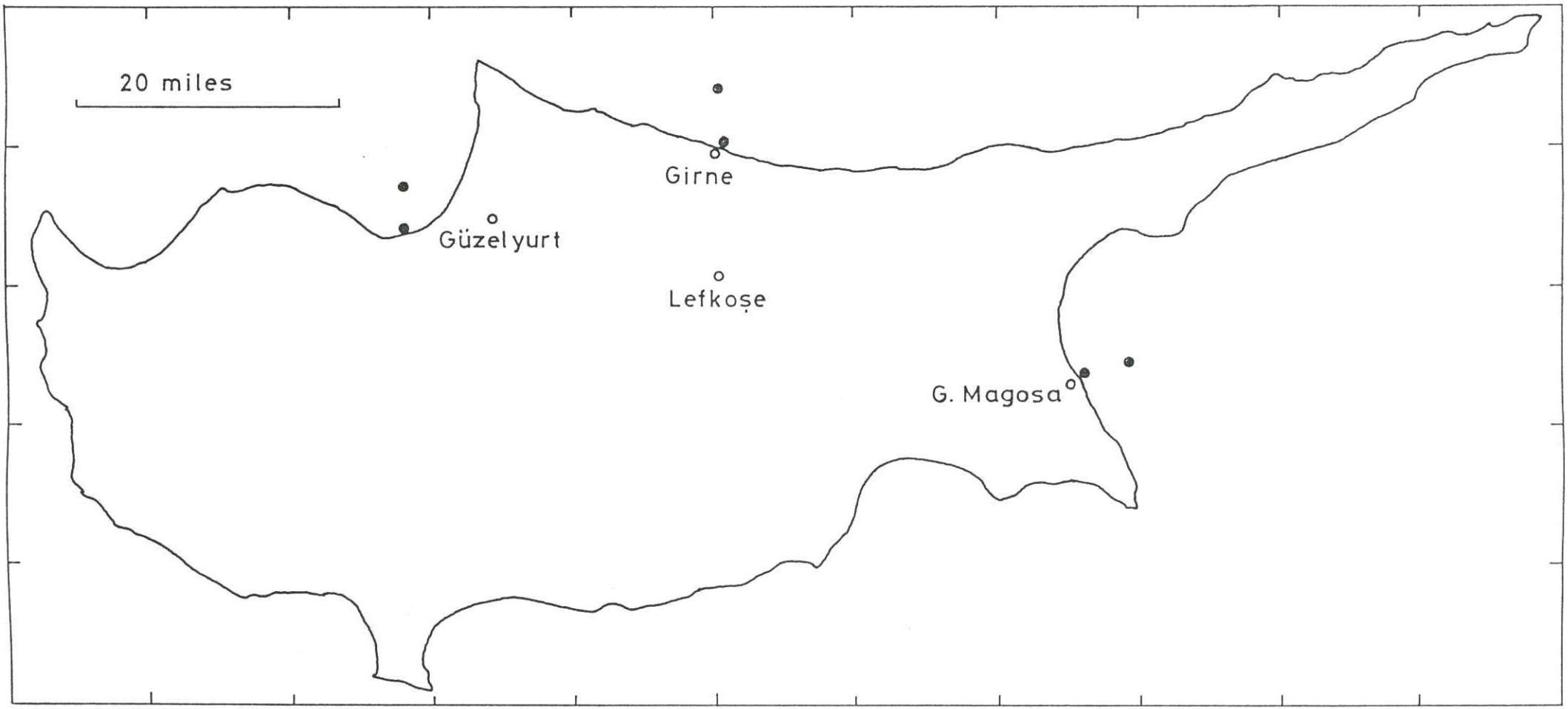
olması nedeniyle asılı katıda Halojenli Hidrokarbon ile Petrol Hidrokarbon değerleri ölçüm sınırlarının altında veya yöntemin duyarlılık sınırının altında bir konsantrasyon olarak belirlenmiştir. Çizelge 4 ise sedimanda Toplam-Cıva, Toplam Kadmiyum, Krom, Kurşun, Poliaromatik Hidrokarbonları ve Halojenli Hidrokarbon sonuçlarını içermektedir. Çizelge 5'de organizmada Poliaromatik Hidrokarbon, Toplam-Cıva, Toplam Kadmiyum, Kurşun ve Krom analizlerine ait sonuçlar verilmektedir. Çizelge 6, Çizelge 7 ve Çizelge 8 de ise sırasıyla Temmuz 1995, Eylül 1995 ve Ekim 1995 dönemlerinde Kuzeydoğu Akdeniz'de gerçekleştirilen deniz saha çalışmalarında ölçülen standart oşinografik parametrelere ait sonuçlar verilmektedir. Derinliğe karşı ölçülen sıcaklık, tuzluluk, sigma-teta (yoğunluk), çözünmüş oksijen, orto-fosfat, nitrat+nitrit ve reaktif silikat bulguları bu çizelgelerde sunulmaktadır.

## EK 1. KISALTMALAR VE BİRİMLER

| Parametre | | Sembol | Birim |
|---|---|---|---|
| Derinlik | | D | m |
| Tuzluluk | | S | ppt,‰ |
| Sıcaklık | | T | °C |
| İletkenlik | | C | S/m |
| Sigma-teta | | $\sigma_t$, Sig-T | (boyutsuz) |
| Çözünmüş oksijen | | ÇO, $DO_W$ | $\mu$M |
| Orto-fosfat | | o-$PO_4$-P | $\mu$M |
| Toplam Fosfor | | T-P | $\mu$M |
| Toplam Oksitlenmiş Azot | | $NO_3$+$NO_2$-N | $\mu$M |
| Toplam Azot | | T-N | $\mu$M |
| Reaktif Silikat | | $Si(OH)_4$-Si, Si | $\mu$M |
| Toplam Asılı Katı | | TAK, TSS | mg/L |
| Biyokimyasal Oksijen İhtiyacı | | $BOİ_5$ | mg/L |
| Kimyasal Oksijen İhtiyacı | | KOİ | mg/L |
| Anyonik Deterjan | | DET | mg/L |
| Toplam Civa | Atık Suda | $T\text{-}Hg_W$ | ng/L |
| | Asılı katıda | $T\text{-}Hg_{TSS}$ | ng/L |
| | Sedimanda | $T\text{-}Hg_{SED}$ | ng/g |
| | Organizmada | $T\text{-}Hg_{ORG}$ | ng/g |
| Toplam Kadmiyum | Atık Suda | $T\text{-}Cd_W$ | ng/L |
| | Asılı katıda | $T\text{-}Cd_{TSS}$ | ng/L |
| | Sedimanda | $T\text{-}Cd_{SED}$ | ng/g |
| | Organizmada | $T\text{-}Cd_{ORG}$ | ng/g |
| Kurşun | Sedimanda | $Pb_{SED}$ | $\mu$g/g |
| | Organizmada | $Pb_{ORG}$ | $\mu$g/g |
| Krom | Sedimanda | $Cr_{SED}$ | $\mu$g/g |
| | Organizmada | $Cr_{ORG}$ | $\mu$g/g |
| Poliaromatik Hidrokarbonlar | Atık Suda | $PAH_W$ | $\mu$g/L |
| | Sedimanda | $PAH_{SED}$ | $\mu$g/g |
| | Organizmada | $PAH_{ORG}$ | $\mu$g/g |
| Petrol Hidrokarbonlar | Deniz Suyunda | $PHC_W$ | $\mu$g/L |
| | Asılı katıda | $PHC_{TSS}$ | $\mu$g/L |
| | Sedimanda | $PHC_{SED}$ | $\mu$g/g |
| Halojenli Hidrokarbonlar | Suda | $HH_W$ | $\mu$g/L |
| | Asılı katıda | $HH_{TSS}$ | $\mu$g/L |
| | Sedimanda | $HH_{SED}$ | $\mu$g/g |
| | Organizmada | $HH_{ORG}$ | $\mu$g/g |




Şekil 1. 1995'te çalışma yapılan istasyonların konumları.




Şekil 2. Kuzey Kıbrıs Türk Cumhuriyeti kıyı bölgelerinde seçilen örnekleme istasyonları

Cizelge 2.a: MED-POL Projesi 2.Faz,Akdeniz Kesimi,1995 yili kapsaminda kaynak istasyonlarinda olculen parametrelere ait sonuclar.

Tarih:19 Temmuz 1995

| Istasyon | TAK (mg/L) | o-PO4-P (uM) | T-P (uM) | NO3+NO2-N (uM) | T-N (uM) | BOI (mg/L) | KOI (mg/L) | DET (mg/L) | T-Hgw (ng/L) | T-Cdw (ng/L) | PAH (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SEKA * Kagit Fab. (Lagun Cikisi | 66.0 | - | - | - | - | 323.0 | 588 | - | -- | - | - |
| MERSIN * Sehir Desarji | 38.6 | 151.5 | 229.1 | 0.8 | 26.5 | 47.6 | 819 | - | -- | 2.9 | - |
| TOROS GUBRE Asidik Kanal | 22.4 | 803.0 | 1588.6 | 102.3 | 607.7 | 12.1 | 79 | - | 12.7 | 2.4 | - |
| TOROS GUBRE Bazik Kanal | 30.2 | 72.5 | 130.1 | 12.5 | 361.8 | 131.1 | 118 | - | 33.7 | 1.4 | - |
| ISDEMIR Evsel | 20.8 | 23.0 | 26.2 | 73.9 | 683.5 | 274.8 | 574 | - | 50.9 | 4.6 | - |
| ISDEMIR Fabrika Had. | 126.5 | 11.5 | 13.7 | 8.5 | 19.7 | 93.2 | 110 | - | 5.5 | 1.3 | - |
| ISKENDERUN Sehir Desarji | 66.2 | 36.0 | 71.1 | 4.3 | 230.1 | 216.3 | 898 | - | 37.5 | - | - |

* Mersin Desarji 18.Temmuz.1995'de SEKA atiksuyu 12.Temmuz.1995'de orneklenmistir.

Cizelge 2.b: MED-POL Projesi 2.Faz,Akdeniz Kesimi,1995 yili kapsaminda kaynak istasyonlarinda olculen parametrelere ait sonuclar.

Tarih:23 Kasim 1995

| ISTASYON | TAK (mg/L) | o-PO4-P. (uM) | T-P (uM) | NO3+NO2-N. (uM) | T-N (uM) | BOI (mg/L) | KOI (mg/L) | DET (mg/L) | T-Hgw (ng/L) | T-Cdw (ng/L) | PAH (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SEKA * Kagit Fab. (Lagun Cikisi | 100.0 | - | - | - | - | 582.0 | 524 | - | -- | - | - |
| MERSIN Sehir Desarji | 244.7 | 77.0 | 150.1 | 2.1 | 777.9 | 165.6 | 1616 | 5.0 | 76.4 | 3.9 | 50.0 |
| BERDAN Cayi | 1031.0 | 6.38. | 23.3 | 64.1 | 131.7 | 3.3 | 120 | 0.3 | 34.2 | N.D | 2.7 |
| SEYHAN Nehri | 152.7 | 4.20. | 7.0 | 48.2 | 63.6 | 2.7 | 64 | 0.2 | 13.4 | - | 1.5 |
| CEYHAN Nehri | 526.0 | 9.56. | 8.0 | 145.5 | 134.7 | 1.3 | 32 | 0.1 | 18.4 | 3.1 | 0.8 |
| TOROS GUBRE Asidik Kanal | 49.4 | 13225 | 11558 | 1932 | 3539 | 5.8 | 176 | BDL | 32.0 | 5.6 | 4.9 |
| TOROS GUBRE Bazik Kanal | 14.2 | 46.5 | 294.6 | 43.2 | 214.1 | 37.7 | 240 | 1.6 | 17.7 | 1.9 | 3.0 |
| ISDEMIR Evsel | 21.6 | 25.5 | 110.6 | 158.0 | 1481.9 | 95.8 | 576 | 1.3 | 15.9 | 2.4 | 7.2 |
| ISDEMIR Fabrika Had. | 67.2 | 78.5 | 74.3 | 263.6 | 51.5 | 125.5 | 184 | 0.1 | 15.0 | 2.9 | 62.0 |
| ISKENDERUN Sehir Desarji | 94.0 | 54.0 | 75.6 | 184.1 | 395.8 | 66.9 | 13112. | 3.8 | 8.3 | 4.1 | 46.0 |

* 2. SEKA atiksuyu orneklemesi 9.Eylul.1995 tarihinde yapilmistir.

Cizekge 3.a: MED-POL 2.Asama Akdeniz Kesimi 1995 yili kapsaminda Kuzeydogu Akdeniz'de yapilan deniz saha calismalarinda toplanan deniz suyu(yuzey) ve asili kati maddede olculen kirlilik parametrelerine ait sonuclar .

Tarih :1-6/Temmuz/1995

| ISTASYON | PHCw (ug/L) | TSS (mg/L) | PHC-TSS (ug/L) | T-Hg-TSS. (ng/L) | T-Cd-TSS. (ng/L) | HH-TSS (ug/L) |
|---|---|---|---|---|---|---|
| G34R22 | 1.85 | - | BDL | 0.26 | 18.2 | BDL |
| G41R35 | 0.94 | - | BDL | 0.61 | 4.3 | BDL |
| G45R35 | 0.28 | - | BDL | 4.59 | 17.3 | BDL |
| G46R37 | 0.33 | - | BDL | 3.22 | 8.1 | BDL |
| G47R42 | 0.27 | - | BDL | 1.84 | 22.5 | BDL |
| G46R44 | 1.21 | - | BDL | - | 20.6 | BDL |
| G41R44 | 0.71 | - | BDL | 1.64 | 41.1 | BDL |
| G45R49 | 0.49 | - | BDL | 3.22 | 20.6 | BDL |
| G42R54 | 0.25 | - | BDL | 8.2 | 56.2 | BDL |
| G38R58 | 0.35 | - | BDL | 4.93 | ND | BDL |
| G31S22 | 0.10 | - | BDL | 4.52 | 5.4 | BDL |
| G34S33 | 0.10 | - | BDL | 2.19 | 20.4 | BDL |
| G30S37 | 0.09 | - | BDL | ND | 0.04 | BDL |
| G43S49 | 0.11 | - | BDL | ND | ND | BDL |
| G50S57 | 0.10 | - | BDL | ND | 30.7 | BDL |
| G44T05 | 0.16 | - | BDL | 0.82 | 7.1 | BDL |
| G35T08 | 1.00 | - | BDL | - | - | BDL |
| G35T02 | 0.21 | - | BDL | 2.76 | 6.3 | BDL |
| G27T50 | 0.33 | - | BDL | 0.82 | 54.3 | BDL |
| G49K16 | 0.15 | - | BDL | 2.47 | 40.3 | BDL |
| G39K41 | 0.11 | - | BDL | 0.46 | 14.3 | BDL |
| G41K49 | 4.14 | - | BDL | ND | 14.9 | BDL |
| G42K55 | 0.33 | - | BDL | 0.41 | 31.8 | BDL |
| G37L00 | 0.06 | - | BDL | 3.68 | 10.3 | BDL |
| G14L16 | 0.52 | - | BDL | 4.11 | 48.1 | BDL |
| G10L36 | 0.29 | - | BDL | - | 29.2 | BDL |
| G14M13 | 0.16 | - | BDL | 0.41 | 10.0 | BDL |
| G37M37 | 0.13 | - | BDL | 4.14 | 18.4 | BDL |
| G48M41 | 0.23 | - | BDL | ND | 25.5 | BDL |
| G48M59 | 0.10 | - | BDL | 4.59 | ND | BDL |
| G46N18 | 0.08 | - | BDL | 4.59 | ND | BDL |
| G28P02 | 0.13 | - | BDL | 0.41 | 93.2 | BDL |
| G16P11 | 0.31 | - | BDL | 0.40 | 28.0 | BDL |
| G07Q28 | 0.17 | - | BDL | 3.28 | 12.2 | BDL |
| G13R00 | 0.30 | - | BDL | - | 13.3 | BDL |
| G16Q11 | 0.18 | - | BDL | 4.14 | 11.9 | BDL |
| G10N36 | - | - | BDL | 6.17 | - | BDL |

Cizelge 3.b: MED-POL 2.Asama Akdeniz Kesimi 1995 yili kapsaminda Kuzeydogu Akdeniz'de yapilan deniz saha calismalarinda toplanan deniz suyu(yuzey) ve asili kati maddede olculen kirlilik parametrelerine ait sonuclar .

Tarih :18-21/Eylul/1995

| ISTASYON | PHCw (ug/L) | TSS (mg/L) | PHC-TSS (ug/L) | T-Hg-TSS (ng/L) | T-Cd-TSS (ng/L) | HH-TSS (ug/L) |
|---|---|---|---|---|---|---|
| G34R22 | 0.05 | 1.34 | BDL | 3.23 | 4.4 | BDL |
| G41R35 | 0.05 | 1.65 | BDL | 1.74 | 10.6 | BDL |
| G45R35 | 0.12 | 0.49 | BDL | 1.66 | 9.1 | BDL |
| G46R37 | 1.30 | 5.46 | BDL | 4.22 | 49.1 | BDL |
| G47R42 | 0.45 | 5.42 | BDL | 4.31 | 22.7 | BDL |
| G46R44 | 0.25 | 11.26 | BDL | 4.22 | 33.3 | BDL |
| G41R44 | 0.34 | 10.80 | BDL | 2.31 | 19.6 | BDL |
| G45R49 | 0.27 | 10.16 | BDL | 0.90 | 45.5 | BDL |
| G42R54 | 0.03 | 12.20 | BDL | 4.34 | 63.7 | BDL |
| G38R58 | - | 27.20 | BDL | 0.43 | 36.1 | BDL |
| G31S22 | 0.23 | 3.08 | BDL | 3.47 | 16.3 | BDL |
| G33S33 | 0.05 | 17.35 | BDL | 3.23 | 25.3 | BDL |
| G30S37 | 0.03 | 5.48 | BDL | - | - | BDL |
| G43S49 | 0.74 | 6.90 | BDL | 3.47 | 622.2 | BDL |
| G50S57 | 0.16 | 19.00 | BDL | 0.65 | 14.4 | BDL |
| G44T05 | <0.01 | 23.00 | BDL | 0.52 | 6.1 | BDL |
| G35T08 | <0.01 | 7.18 | BDL | 3.47 | 322.9 | BDL |
| G35T02 | 0.18 | 5.18 | BDL | 1.69 | 27.4 | BDL |
| G27T50 | 1.36 | 6.02 | BDL | 2.89 | ND | BDL |
| G49K16 | - | 5.04 | BDL | 1.99 | 14.1 | BDL |
| G39K41 | <0.01 | 4.12 | BDL | 1.53 | 9.7 | BDL |
| G41K43 | 0.05 | 4.08 | BDL | 5.07 | 9.0 | BDL |
| G49K55 | 0.27 | 4.34 | BDL | 1.80 | ND | BDL |
| G37L00 | - | 5.02 | BDL | 3.80 | 21.1 | BDL |
| G14L16 | <0.01 | 2.04 | BDL | 1.69 | 11.5 | BDL |
| G10L36 | 0.24 | 1.62 | BDL | 0.56 | 47.1 | BDL |
| G14M13 | 0.01 | 4.82 | BDL | 3.59 | 6.4 | BDL |
| G37M37 | 0.02 | 4.48 | BDL | 2.69 | ND | BDL |
| G48M41 | 0.05 | 1.40 | BDL | 1.29 | 5.0 | BDL |
| G48M59 | 0.03 | 5.46 | BDL | 1.44 | 37.9 | BDL |
| G46N18 | <0.01 | 2.04 | BDL | 4.31 | 3.7 | BDL |
| G28P02 | <0.01 | 5.44 | BDL | 3.59 | 25.4 | BDL |
| G16P11 | 0.08 | 5.06 | BDL | 1.63 | 11.6 | BDL |
| G07Q28 | 0.14 | 7.00 | BDL | - | - | BDL |
| G13R00 | 0.16 | 2.65 | BDL | 2.82 | 17.9 | BDL |
| G16Q53 | 0.02 | 9.48 | BDL | 2.41 | ND | BDL |
| G17R03 | 0.10 | 3.00 | BDL | 2.11 | 12.9 | BDL |

Cizelge 3.C: MED-POL 2.Asama Akdeniz Kesimi 1995 yili kapsaminda Kuzeydogu Akdeniz'de yapilan deniz saha calismalarinda toplanan deniz suyu(yuzey) ve asili kati maddede olculen kirlilik parametrelerine ait sonuclar .

Tarih :19-28/Ekim/1995

| ISTASYON | PHCw (ug/L) | TSS (mg/L) | PHC-TSS (ug/L) | T-Hg-TSS. (ng/L) | T-Cd-TSS. (ng/L) | HH-TSS (ug/L) |
|---|---|---|---|---|---|---|
| G34R22 | 0.03 | 1.74 | BDL | - | 3.8 | BDL |
| G41R35 | 0.79 | 2.73 | BDL | 1.38 | 15.3 | BDL |
| G46R35 | 0.59 | 8.87 | BDL | 1.83 | 16.5 | BDL |
| G46R37 | 0.17 | 8.43 | BDL | 1.45 | 7.3 | BDL |
| G47R42 | 0.43 | 10.00 | BDL | 0.43 | 8.4 | BDL |
| G46R44 | 0.05 | 5.67 | BDL | 2.69 | 40.8 | BDL |
| G41R44 | 0.03 | 4.92 | BDL | 0.43 | 3.8 | BDL |
| G45R48 | 0.05 | 5.97 | BDL | 7.81 | 17.7 | BDL |
| G42R54 | 0.09 | 5.78 | BDL | 0.58 | 3.1 | BDL |
| G38R58 | - | 4.66 | BDL | 0.58 | 3.4 | BDL |
| G31S22 | 0.07 | 4.38 | BDL | 1.08 | 43.6 | BDL |
| G33S33 | 0.29 | 10.63 | BDL | 1.74 | 6.8 | BDL |
| G30S37 | - | - | BDL | 1.79 | ND | BDL |
| G43S49 | <0.01 | 4.26 | BDL | 1.45 | ND | BDL |
| G50S57 | 0.26 | 2.03 | BDL | 0.36 | ND | BDL |
| G44T05 | 0.13 | 1.16 | BDL | 0.58 | 4.5 | BDL |
| G35T08 | 0.22 | 1.80 | BDL | 1.80 | 16.4 | BDL |
| G33T02 | 0.07 | 1.34 | BDL | 0.29 | 11.8 | BDL |
| G27T50 | 0.54 | 5.40 | BDL | 0.61 | 12.7 | BDL |
| G14L16 | 0.08 | 1.10 | BDL | 0.57 | 5.9 | BDL |
| G39K41 | 0.13 | 1.14 | BDL | 1.23 | 3.3 | BDL |
| G41K43 | <0.01 | 1.18 | BDL | 1.31 | 3.4 | BDL |
| G42K55 | <0.01 | 1.22 | BDL | 0.74 | 2.1 | BDL |
| G37L00 | 0.22 | 1.56 | BDL | 0.99 | 2.1 | BDL |
| G49K16 | 0.18 | 1.24 | BDL | 0.61 | 11.9 | BDL |
| G10L36 | <0.01 | 0.64 | BDL | 0.74 | 11.5 | BDL |
| G14M15 | 0.22 | 6.12 | BDL | ND | 5.2 | BDL |
| G37M37 | 0.52 | 4.48 | BDL | ND | 13.2 | BDL |
| G48M41 | 0.37 | 1.24 | BDL | 0.37 | 11.7 | BDL |
| G48M59 | 0.40 | 0.80 | BDL | 1.16 | 6.2 | BDL |
| G46N18 | 0.46 | 4.58 | BDL | 1.08 | 32.6 | BDL |
| G28P02 | 0.10 | 0.92 | BDL | 0.87 | 8.5 | BDL |
| G16P11 | 0.35 | 4.32 | BDL | 1.16 | 2.7 | BDL |
| G07Q28 | 0.18 | 0.86 | BDL | 0.61 | 7.8 | BDL |
| G13R00 | 0.32 | 7.33 | BDL | 0.87 | 18.7 | BDL |
| G16Q53 | - | 7.37 | BDL | 0.87 | 28.0 | BDL |
| G17R03 | 0.24 | 7.80 | BDL | 0.43 | 0.9 | BDL |

Cizelge 4.:1-6 Temmuz 1995 (a) ve 19-28 Ekim 1995 (b) tarihleri arasinda Kuzeydogu Akdeniz'de toplanan sediman orneklerinde olculen kirlilik parametrelerine ait sonuclar (Metaller yas agirlik olarak, PAH,PHC,HH kuru agirlik olarak verilmektedir).

| ISTASYON | T-Hg(SED) (ng/g) | T-Cd(SED) (ng/g) | Pb (SED) (ug/g) | Cr (SED) (ug/g) | PAH(SED) (ug/g) | HH (SED) LN (ng/g) | HH (SED) BHC (ng/g) | HH (SED) ALD (ng/g) |
|---|---|---|---|---|---|---|---|---|
| G46K19 (b) MARMARIS(38m) | - | - | - | - | 2.61 | - | - | 0.10 |
| G39K41 Sarigerme | Toplam Derinlik 545.m oldugundan sediman alinamadi | | | | | | | |
| G41K43 Dalaman cayi | Nehir agzina yanasilamadigindan sediman alinamadi | | | | | | | |
| G42K55 (a) Gocek (111m) | 29.2 | 133.2 | 11.9 | - | 0.86 | - | - | - |
| G37L00 Fethiye | Toplam Derinlik 321.m oldugundan sediman alinamadi | | | | | | | |
| G14K16 Patara | Toplam Derinlik 266.m oldugundan sediman alinamadi | | | | | | | |
| G10L36 (b) Kas (195 m) | - | - | - | - | 0.69 | 0.20 | - | - |
| G14M13 Finike | Toplam Derinlik 264.m oldugundan sediman alinamadi | | | | | | | |
| G37M37 Kemer (180 m) | 41.4 | 394.8 | 18.4 | - | 1.90 | 0.11 | - | - |
| G48M41 Antalya | Toplam Derinlik 600.m oldugundan sediman alinamadi | | | | | | | |
| G48M59 (a) Kumkoy (71m) | 24.1 | 599.3 | 9.4 | 0.041 | 2.00 | 0.23 | - | - |
| G46N18 (a) Manavgat(47m) | 16.2 | 402.1 | 10.0 | - | 3.00 | - | - | - |
| G28P02 Alanya | Toplam Derinlik 850.m oldugundan sediman alinamadi | | | | | | | |
| G16P11 Gazipasa | Toplam Derinlik 1000.m oldugundan sediman alinamadi | | | | | | | |
| G07Q28 (a) Karatepe(97m) | - | - | - | - | 2.70 | - | - | - |
| G17Q53 (a) Tasucu (28m) | 22.5 | 187.5 | 6.9 | - | 1.74 | 0.22 | - | - |
| G13R00 (a) Incekum burnu (32 m) | - | 751.5 | - | - | 1.00 | - | - | - |

| ISTASYON | T-Hg(SED) (ng/g) | T-Cd(SED) (ng/g) | Pb (SED) (ug/g) | Cr (SED) (ug/g) | PAH(SED) (ug/g) | HH (SED) LN (ng/g) | HH (SED) BHC (ng/g) | HH (SED) ALD (ng/g) |
|---|---|---|---|---|---|---|---|---|
| G17R03 (a) Goksu Nehri | 18.0 | 1064.1 | 9.0 | 0.32 | 4.8 | 0.28 | 1.99 | 1.26 |
| G34R22 (a) Erdemli(94 m) | 15.4 | 624.5 | 11.1 | 0.080 | 2.0 | 0.38 | - | 1.26 |
| G46R37 (a) Lamas cayi (15 m) | 405.6 | 551.9 | 9.6 | 0.054 | 4.2 | - | - | - |
| G41R35 (b) Mersin (50 m) | 47.0 | 644.2 | 16.2 | 0.93 | 2.8 | - | - | - |
| G46R44 (a) Kazanli(13 m) | 18.9 | 475.8 | 11.7 | 0.065 | - | - | - | 0.02 |
| G45R49 (a) Tarsus cayi acigi (12 m) | 37.4 | 128.2 | 17.0 | - | - | 0.58 | 2.06 | 0.78 |
| G42R54 (b) Seyhan (10 m) | 39.9 | 613.1 | 14.5 | 0.086 | 3.0 | 0.67 | 1.98 | 1.18 |
| G38R58 (a) Tuzla (26 m) | 11.7 | 399.1 | 13.2 | 0.068 | 2.2 | 0.42 | - | 0.12 |
| G31S22 (a) Karatas(17 m) | 26.8 | 246.7 | 7.5 | 0.056 | - | - | - | - |
| G34S33 (a) Ceyhan N(10m) | 3.1 | 54.6 | 7.9 | - | 1.75 | 0.63 | - | 0.90 |
| G30S37 (a) Ceyhan (73 m) | 36.8 | 142.0 | 12.2 | - | 4.6 | 0.61 | - | - |
| G43S39 (a) Yumurtalik (46 m) | 38.7 | 129.5 | 14.6 | - | 3.0 | 0.36 | - | - |
| G50S57 (a) Golovasi(42m) | 33.8 | 136.9 | 10.5 | - | - | 0.19 | 1.17 | 0.85 |
| G44T05 (a) Payas (57 m) | 14.3 | 190.7 | 10.6 | - | - | - | - | - |
| G35T02 (a) Iskenderun | 17.0 | 442.5 | 5.1 | 0.11 | - | - | - | 0.07 |
| G27T50 (a) Ulucinar | 29.5 | 117.4 | 8.6 | - | - | 0.36 | - | 1.16 |
| G35T08 (a) Iskenderun sehir(kaynak) | 14.1 | 443.8 | 4.5 | 0.15 | 4.0 | - | - | - |
| G45R35 (a) Mersin kaynak (sehir) | 22.4 | 346.2 | 7.9 | - | - | - | - | - |

* SEDIMANDA: $\alpha$, $\beta$, $\gamma$ -BHC, Heptaklor, Aldrin, Heptaklorepoksit, pp'DDE, Dialdrin Endrin, pp'DDD, pp'DDT, op'DDD ve op'DDTpestisitlerine bakılmıştır. Duyarllk limitinin üzerinde bulunan konsantrasyonlar tablada sunulmaktadır.

Cizelge 5: MED-POL 2.Asama Akdeniz Kesimi projesi kapsaminda Kuzeydogu Akdeniz'de 1995 yilinda avlanan baliklarda olculen kirlilik parametreleri.(Metal sonuclari yas agirlik olarak, PAH ve HH sonuclari kuru agirlik olarak verilmektedir.)

| TARIH | AVLANMA BOLGESI | AVLANAN BALIK | T-Hg ORG (ng/g) | T-Cd ORG (ng/g) | Pb ORG (ug/g) | Cr ORG (ug/g) | PAH ORG (ug/g) |
|---|---|---|---|---|---|---|---|
| 25.Mayis.1995 | Tirtar-Mersin | Dil Baligi (Solea Solea) | 86.0 | 0.2 | ND | 51.4 | - |
| | | Sardalya (Sardine) | - | - | - | - | - |
| | | Kefal (Mugil auratus) | 19.3 | 19.5 | 54.5 | 87.5 | - |
| 2.Haziran.1995. | Mersin | Sardalya (Sardine) | 38.9 | ND | ND | 61.5 | - |
| 8.Haziran.1995. | Limonlu | Kefal (Mugil auratus) | 15.8 | 11.3 | 19.6 | 42.4 | - |
| 18-19.Haziran 1995 | Manavgat | Dil Baligi (Solea Solea) | - | ND | 241.2 | 63.9 | - |
| | | Barbunya (Mullus barbatus) | - | ND | 430.3 | 66.7 | - |
| 29 Eylul.1995 | Mersin | Barbunya (Mullus barbatus) (et) | 164.5 | 6.5 | ND | 54.8 | 2.52 |
| | | Barbunya (Mullus barbatus) (karaciger) | - | - | - | - | 7.00 |
| | | Karides (et) | 97.0 | - | - | - | 4.15 |
| | | Dil baligi (Solea Solea) (et) | 254.1 | 15.2 | 81.9 | 68.6 | 1.17 |
| | | Dil Baligi (Solea Solea) (karaciger) | - | - | - | - | 18.6 |
| | | Kefal (Mugil auratus) (et) | 28.9 | 10.4 | 50.3 | 55.2 | 0.80 |
| | | Kefal (Mugil auratus) (karaciger) | - | - | - | - | 2.97 |
| | | Sardalya (Sardine) (et) | 36.2 | 9.4 | 69.4 | 59.1 | 1.88 |

Cizelge 6: MED-POL 2.Asama Akdeniz Kesimi projesi kapsaminda Kuzeydogu Akdeniz'de 1-6 Temmuz 1995 doneminde deniz suyunda olculen standart osinografik parametreler

STATION NUMBER: G34R22 DATE: 01-07-95
LATITUDE: 36.34` TIME: 07:00
LONGITUDE: 34.22` TOTAL DEPTH: 94.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.98 | 38.99 | 25.73 | -99 | 0.03 | 0.39 | 0.91 |
| 10 | 26.79 | 39.21 | 25.96 | -99 | 0.03 | 0.26 | 1.05 |
| 25 | 24.18 | 41.27 | 28.34 | -99 | 0.03 | 0.23 | 1.19 |
| 50 | 18.94 | 39.01 | 28.10 | -99 | 0.03 | 0.23 | 1.68 |
| 75 | 18.19 | 38.96 | 28.26 | -99 | 0.03 | 0.23 | 1.82 |
| 90 | 18.05 | 38.97 | 28.30 | -99 | 0.06 | 0.39 | 0.95 |

STATION NUMBER: G41R35 DATE: 01-07-95
LATITUDE: 36.41` TIME: 08:30
LONGITUDE: 34.35` TOTAL DEPTH: 50.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.58 | 38.52 | 25.19 | 204.6 | 0.02 | 0.46 | 1.96 |
| 10 | 27.09 | 38.76 | 25.53 | 203.9 | 0.03 | 0.33 | 0.91 |
| 25 | 26.02 | 38.91 | 25.98 | 220.8 | 0.02 | 0.33 | 0.98 |
| 50 | 20.92 | 38.98 | 27.55 | 228.2 | 0.02 | 0.29 | 0.94 |

STATION NUMBER: G46R37 DATE: 01-07-95
LATITUDE: 36.46` TIME: 09:35
LONGITUDE: 34.37` TOTAL DEPTH:15.0 m.
SECCHI DISK: 2,5 m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.16 | 38.31 | 24.84 | 213.5 | 0.08 | 0.72 | 3.08 |
| 13 | 27.88 | 38.61 | 25.16 | 193.5 | 0.11 | 0.62 | 2.87 |

STATION NUMBER: G47R42 DATE: 01-07-95
LATITUDE: 36.47` TIME: 10:05
LONGITUDE: 34.42` TOTAL DEPTH: 12.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 28.50 | 38.18 | 24.62 | 211.0 | 0.03 | 0.39 | 4.41 |

STATION NUMBER: G46R44 DATE: 01=07-95
LATITUDE: 36.46` TIME: 10:20
LONGITUDE: 34.44` TOTAL DEPTH: 13.0 m.
SECCHI DISK: 2 m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.17 | 37.91 | 24.53 | 207.9 | 0.03 | 0.26 | 3.57 |
| 10 | 27.83 | 38.20 | 24.86 | 175.5 | 0.09 | 1.44 | 4.90 |

STATION NUMBER: G45R49 DATE: =07-95/1
LATITUDE: 36.44` TIME: :41
LONGITUDE: 34.49` TOTAL DEPTH: 12.0 m.
SECCHI DISK: 1,5 m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.05 | 38.57 | 25.07 | 203.6 | 0.03 | 0.23 | 3.08 |
| 10 | 27.68 | 38.67 | 25.27 | 251.3 | 0.09 | 0.29 | 2.73 |

STATION NUMBER: G38R58 DATE: 01=07-95
LATITUDE: 36.38` TIME: 13:00
LONGITUDE: 34.58` TOTAL DEPTH: 26.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.08 | 38.80 | 25.56 | 210.7 | 0.03 | 0.11 | 1.12 |
| 10 | 26.71 | 38.99 | 25.82 | 205.4 | 0.03 | 0.10 | 0.98 |
| 25 | 24.63 | 39.00 | 26.48 | 212.9 | 0.03 | 0.13 | 1.54 |

STATION NUMBER: G31S22 DATE: 01=07-95
LATITUDE: 36.31` TIME: 15:20
LONGITUDE: 35.22` TOTAL DEPTH: 17.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 26.84 | 39.24 | 25.97 | 206.5 | 0.06 | 0.15 | 0.98 |
| 10 | 26.67 | 39.23 | 26.01 | 201.5 | 0.04 | 0.13 | 1.19 |
| 15 | 26.53 | 39.21 | 26.05 | 201.7 | 0.04 | 0.13 | 1.40 |

STATION NUMBER: G34S33 DATE: 01=07-95
LATITUDE: 36.33` TIME: 16:30
LONGITUDE: 35.33` TOTAL DEPTH: 10.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.30 | 38.72 | 25.43 | 205.4 | 0.04 | 0.11 | 2.31 |
| 8 | 26.81 | 39.17 | 25.93 | 202.5 | 0.04 | 0.13 | 2.17 |

STATION NUMBER: G30S37 DATE: 01=07-95
LATITUDE: 36.30` TIME: 17:15
LONGITUDE: 35.37` TOTAL DEPTH: 73.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 2 | 26.74 | 39.23 | 25.99 | 203.2 | 0.03 | 0.11 | 0.98 |
| 10 | 26.69 | 39.23 | 26.01 | 202.5 | 0.03 | 0.26 | 0.98 |
| 25 | 26.50 | 39.23 | 26.07 | 204.1 | 0.03 | 0.10 | 1.01 |
| 50 | 25.99 | 39.20 | 26.21 | 216.2 | 0.03 | 0.10 | 1.61 |
| 70 | 19.29 | 38.87 | 27.91 | 229.0 | 0.11 | 0.10 | -99 |

STATION NUMBER: G43S49 DATE: 01=07-95
LATITUDE: 36.43` TIME: 19:25
LONGITUDE: 35.49` TOTAL DEPTH: 46.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.66 | 38.50 | 25.47 | 204.5 | 0.05 | 0.20 | 1.68 |
| 10 | 26.70 | 38.57 | 25.51 | 202.9 | 0.04 | 0.20 | 2.13 |
| 25 | 26.61 | 38.69 | 25.62 | 204.9 | 0.03 | 0.16 | 1.26 |
| 45 | 24.45 | 38.98 | 26.52 | 217.1 | 0.03 | 0.10 | 1.05 |

STATION NUMBER: G50S57 DATE: 01=07-95
LATITUDE: 36.50` TIME: 20:12
LONGITUDE: 35.57` TOTAL DEPTH: 42.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.86 | 37.30 | 24.50 | 339.0 | 0.05 | 0.33 | 0.63 |
| 10 | 25.31 | 38.44 | 25.85 | 200.4 | 0.04 | 0.10 | 1.75 |
| 25 | 26.50 | 38.63 | 25.62 | 204.8 | 0.04 | 0.11 | 1.54 |
| 40 | 24.56 | 38.94 | 26.46 | 202.0 | 0.04 | 0.10 | 1.05 |

STATION NUMBER: G44T05 DATE: 01=07-95
LATITUDE: 36.44` TIME: 21:40
LONGITUDE: 36.05` TOTAL DEPTH: 57.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.12 | 38.32 | 25.19 | 202.0 | 0.02 | 0.29 | 1.54 |
| 10 | 26.89 | 38.54 | 25.42 | 206.5 | 0.02 | 0.16 | 1.05 |
| 25 | 26.94 | 38.81 | 25.61 | 208.1 | 0.02 | 0.46 | 1.19 |
| 40 | 24.91 | 39.09 | 26.47 | 212.4 | 0.03 | 0.26 | 0.98 |
| 58 | 23.42 | 38.97 | 26.83 | 217.2 | 0.02 | 0.23 | 0.91 |

STATION NUMBER: G35T02 DATE: 01=07-95
LATITUDE: 36.35` TIME: 23:58
LONGITUDE: 36.02` TOTAL DEPTH: 64.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 27.45 | 38.66 | 25.33 | 201.0 | 0.04 | 0.23 | 0.84 |
| 10 | 27.32 | 38.74 | 25.43 | 212.2 | 0.03 | 0.16 | 0.98 |
| 25 | 26.60 | 39.24 | 26.04 | 206.8 | 0.03 | 0.16 | 0.98 |
| 50 | 24.74 | 39.10 | 26.52 | 223.0 | 0.02 | 0.13 | 1.12 |
| 60 | 21.31 | 38.88 | 27.37 | 224.8 | 0.02 | 0.16 | 2.17 |

STATION NUMBER: G27T50 DATE: 02=07-95
LATITUDE: 36.27` TIME: 01:23
LONGITUDE: 35.50` TOTAL DEPTH: 72.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.65 | 39.16 | 25.97 | 203.5 | 0.04 | 0.21 | 1.26 |
| 10 | 26.68 | 39.20 | 25.99 | 211.8 | 0.04 | 0.16 | 1.19 |
| 25 | 26.51 | 39.22 | 26.06 | 206.7 | 0.09 | 0.16 | 1.26 |
| 50 | 25.50 | 39.16 | 26.33 | 209.9 | 0.04 | 0.13 | 1.05 |
| 70 | 18.93 | 39.00 | 28.10 | 234.0 | 0.04 | 0.16 | 1.40 |

STATION NUMBER: G49K16 DATE: 04=07-95
LATITUDE: 36.49` TIME: 06:46
LONGITUDE: 28.16` TOTAL DEPTH: 38.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 20.47 | 39.06 | 27.74 | 253.6 | 0.04 | 0.07 | 1.61 |
| 5 | 20.39 | 39.06 | 27.75 | 257.8 | 0.03 | 0.09 | 1.47 |
| 10 | 19.05 | 39.07 | 28.12 | 260.4 | 0.03 | 0.06 | 1.47 |
| 20 | 18.73 | 39.07 | 28.21 | 253.4 | 0.03 | 0.06 | 1.40 |
| 25 | 18.37 | 39.07 | 28.30 | 252.0 | 0.03 | 0.09 | 1.54 |
| 34 | 18.07 | 39.06 | 28.37 | 257.3 | 0.03 | 0.09 | 1.75 |

STATION NUMBER: G39K41 DATE: 04=07-95
LATITUDE: 36.39` TIME: 09:21
LONGITUDE: 28.41` TOTAL DEPTH: 545.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.07 | 39.12 | 26.75 | 229.0 | 0.03 | 0.26 | 1.33 |
| 10 | 23.12 | 39.10 | 27.01 | 231.0 | 0.03 | 0.10 | 1.19 |
| 25 | 19.35 | 39.07 | 28.04 | 255.7 | 0.04 | 0.20 | 1.19 |
| 50 | 17.35 | 39.07 | 28.56 | 246.6 | 0.04 | 0.10 | 1.05 |
| 75 | 17.14 | 39.07 | 28.61 | 242.0 | 0.04 | 0.11 | 1.19 |
| 100 | 16.98 | 39.07 | 28.65 | 237.7 | 0.04 | 0.09 | 1.12 |
| 125 | 16.75 | 39.08 | 28.71 | 239.7 | 0.04 | 0.209 | 1.19 |
| 200 | 16.05 | 39.11 | 28.90 | 225.8 | 0.04 | 0.749 | 1.47 |
| 250 | 15.61 | 39.10 | 29.00 | 227.9 | 0.04 | 1.629 | 2.10 |
| 300 | 14.88 | 39.02 | 29.10 | 212.7 | 0.09 | 3.279 | 3.36 |
| 400 | 14.14 | 38.89 | 29.16 | 201.2 | 0.18 | 5.179 | 6.36 |
| 500 | 13.91 | 38.83 | 29.17 | 205.0 | 0.22 | 5.349 | 7.76 |

STATION NUMBER: G41K49 DATE: 04=07-95
LATITUDE: 36.41` TIME: 10:01
LONGITUDE: 28.43` TOTAL DEPTH: 320.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.91 | 39.12 | 26.49 | 220.6 | 0.03 | 0.14 | 1.75 |
| 10 | 24.11 | 39.16 | 26.76 | 235.5 | 0.03 | 0.09 | 1.61 |
| 25 | 19.37 | 39.06 | 28.03 | 250.8 | 0.03 | 0.11 | 1.12 |
| 50 | 17.66 | 39.06 | 28.48 | 251.5 | 0.03 | 0.14 | 1.12 |
| 75 | 17.35 | 39.06 | 28.55 | 252.2 | 0.03 | 0.14 | 1.12 |
| 100 | 17.05 | 39.07 | 28.63 | 243.3 | 0.03 | 0.14 | 1.15 |
| 125 | 16.81 | 39.08 | 28.69 | 243.9 | 0.03 | 0.26 | 1.26 |
| 200 | 16.28 | 39.10 | 28.84 | 221.1 | 0.03 | 0.69 | 1.54 |
| 250 | 15.59 | 39.10 | 29.00 | 221.0 | 0.04 | 1.70 | 2.24 |
| 300 | 14.74 | 38.99 | 29.11 | 207.9 | 0.09 | 3.82 | 4.45 |

STATION NUMBER: G42K55 DATE: 04=07-95
LATITUDE: 36.41` TIME: 12:35
LONGITUDE: 28.55` TOTAL DEPTH: 111.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 2 | 24.83 | 38.93 | 26.37 | 237.0 | 0.04 | 0.52 | 1.12 |
| 5 | 24.39 | 38.99 | 26.55 | 234.4 | 0.03 | 0.17 | 3.92 |
| 10 | 23.55 | 38.97 | 26.78 | 249.2 | 0.03 | 0.11 | 2.24 |
| 25 | 20.27 | 39.05 | 27.79 | 252.6 | 0.03 | 0.11 | 1.61 |
| 50 | 18.48 | 39.06 | 28.26 | 248.7 | 0.03 | 0.13 | 1.54 |
| 75 | 17.54 | 39.07 | 28.51 | 241.1 | 0.03 | 0.14 | 1.61 |
| 100 | 17.10 | 39.07 | 28.62 | 241.0 | 0.14 | 5.06 | 1.54 |

STATION NUMBER: G37L00 DATE: 04=07-95
LATITUDE: 36.37` TIME: 13:27
LONGITUDE: 29.00` TOTAL DEPTH: 321.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.85 | 39.21 | 26.57 | 218.0 | 0.03 | 0.32 | 1.26 |
| 10 | 23.94 | 39.17 | 26.82 | 223.6 | 0.02 | 0.14 | 1.19 |
| 25 | 20.72 | 39.04 | 27.66 | 252.0 | 0.03 | 0.17 | 1.05 |
| 50 | 18.26 | 39.05 | 28.31 | 245.8 | 0.03 | 0.11 | 1.05 |
| 75 | 17.66 | 39.06 | 28.47 | 250.5 | 0.03 | 0.11 | 1.05 |
| 100 | 17.34 | 39.06 | 28.55 | 247.9 | 0.03 | 0.14 | 1.05 |
| 125 | 16.91 | 39.08 | 28.67 | 242.9 | 0.03 | 0.17 | 1.12 |
| 200 | 15.89 | 39.12 | 28.94 | 227.9 | 0.04 | 0.12 | 1.75 |
| 250 | 15.00 | 39.03 | 29.09 | 207.5 | 0.06 | 2.96 | 3.43 |
| 300 | 14.55 | 38.96 | 29.13 | 200.8 | 0.11 | 3.37 | 5.31 |

STATION NUMBER: G14L16 DATE: 04=07-95
LATITUDE: 36.14` TIME: 16:35
LONGITUDE: 29.16` TOTAL DEPTH: 266.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.16 | 38.99 | 26.62 | 226.8 | 0.02 | 0.40 | 1.25 |
| 10 | 22.84 | 39.02 | 27.03 | 225.6 | 0.02 | 0.14 | 1.33 |
| 25 | 20.76 | 39.04 | 27.64 | 249.0 | 0.02 | 0.17 | 1.19 |
| 50 | 17.98 | 39.06 | 28.39 | 251.1 | 0.02 | 0.20 | 1.12 |
| 75 | 17.49 | 39.06 | 28.52 | 252.7 | 0.02 | 0.26 | 1.98 |
| 100 | 16.82 | 39.07 | 28.69 | 244.4 | 0.02 | 0.29 | 1.19 |
| 125 | 16.79 | 39.08 | 28.70 | 242.4 | 0.02 | 1.12 | 1.12 |
| 200 | 15.88 | 39.12 | 28.95 | 233.3 | 0.02 | 1.11 | 1.75 |
| 250 | 15.42 | 39.09 | 29.03 | 236.3 | 0.04 | 2.10 | 2.38 |

STATION NUMBER: G10L36 DATE: 04=07-95
LATITUDE: 36.10` TIME: 18:34
LONGITUDE: 29.36` TOTAL DEPTH: 200.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.65 | 38.94 | 26.43 | 237.1 | 0.02 | 0.14 | 1.47 |
| 10 | 24.59 | 38.97 | 26.48 | 225.6 | 0.02 | 0.16 | 1.54 |
| 25 | 23.28 | 38.97 | 26.87 | 241.0 | 0.02 | 0.16 | 1.40 |
| 50 | 18.55 | 39.06 | 28.24 | 252.5 | 0.02 | 0.14 | 1.05 |
| 75 | 17.60 | 39.06 | 28.49 | 254.1 | 0.02 | 0.20 | 1.05 |
| 100 | 17.18 | 39.07 | 28.60 | 250.8 | 0.02 | 0.20 | 1.12 |
| 125 | 16.70 | 39.09 | 28.73 | 237.4 | 0.02 | 0.46 | 1.47 |
| 175 | 16.57 | 39.09 | 28.76 | 233.4 | 0.02 | 0.66 | 1.82 |

STATION NUMBER: G14M13 DATE: 04=07-95
LATITUDE: 36.14` TIME: 22:49
LONGITUDE: 30.13` TOTAL DEPTH: 264.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.71 | 38.77 | 25.97 | 223.6 | 0.03 | 0.60 | 1.96 |
| 10 | 23.58 | 38.96 | 26.77 | 239.6 | 0.03 | 0.10 | 1.18 |
| 25 | 20.83 | 39.03 | 27.61 | 246.5 | 0.03 | 0.11 | 1.05 |
| 50 | 18.80 | 39.04 | 28.16 | 248.0 | 0.02 | 0.11 | 0.98 |
| 75 | 18.07 | 39.04 | 28.35 | 248.4 | 0.02 | 0.09 | 0.98 |
| 100 | 17.63 | 39.05 | 28.47 | 253.1 | 0.02 | 0.11 | 0.98 |
| 125 | 17.10 | 39.07 | 28.62 | 245.6 | 0.02 | 0.11 | 0.98 |
| 200 | 15.93 | 39.12 | 28.94 | 234.5 | 0.03 | 1.21 | 1.68 |
| 250 | 15.45 | 39.09 | 29.03 | 221.5 | 0.04 | 2.18 | 2.31 |

STATION NUMBER: G37M37 DATE: 05-07-95
LATITUDE: 36.37` TIME: 13:30
LONGITUDE: 36.37` TOTAL DEPTH: 180.0m..
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.82 | 38.77 | 25.62 | 206.6 | 0.02 | 0.14 | 8.18 |
| 10 | 26.23 | 38.90 | 25.91 | 221.2 | 0.02 | 0.09 | 1.54 |
| 25 | 21.61 | 38.94 | 27.33 | 242.5 | 0.02 | 0.03 | 1.12 |
| 50 | 18.83 | 39.02 | 28.14 | 238.6 | 0.02 | 0.03 | 1.18 |
| 75 | 18.03 | 39.03 | 28.36 | 243.1 | 0.02 | 0.06 | 1.12 |
| 100 | 17.48 | 39.05 | 28.51 | 240.6 | 0.02 | 0.09 | 1.18 |
| 125 | 16.94 | 39.07 | 28.66 | 242.5 | 0.02 | 0.24 | 1.40 |
| 150 | 16.77 | 39.08 | 28.71 | 209.1 | 0.02 | 0.14 | 1.54 |

STATION NUMBER: G48M41 DATE: 05-07-95
LATITUDE: 36.48` TIME: 15:00
LONGITUDE: 30.41` TOTAL DEPTH: 600.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.83 | 38.60 | 25.49 | 202.0 | 0.02 | 0.09 | 2.17 |
| 10 | 25.63 | 38.93 | 26.12 | 204.2 | 0.02 | 0.06 | 1.75 |
| 25 | 22.52 | 38.95 | 27.08 | 230.2 | 0.02 | 0.03 | 1.12 |
| 50 | 19.47 | 39.03 | 27.98 | 231.8 | 0.02 | 0.06 | 1.12 |
| 100 | 17.51 | 39.05 | 28.50 | 231.0 | 0.02 | 0.37 | 1.12 |
| 125 | 17.07 | 39.07 | 28.63 | 237.1 | 0.02 | 0.57 | 1.12 |
| 150 | 16.80 | 39.09 | 28.70 | 238.4 | 0.02 | 0.80 | 1.18 |
| 200 | 16.05 | 39.12 | 28.91 | 227.9 | 0.02 | 1.12 | 1.68 |
| 250 | 15.40 | 39.10 | 29.05 | 215.0 | 0.05 | 2.30 | 1.82 |
| 300 | 14.74 | 39.01 | 29.12 | 202.9 | 0.10 | 4.43 | 2.80 |
| 400 | 14.07 | 38.87 | 29.17 | 208.1 | 0.16 | 5.92 | 4.55 |
| 500 | 13.89 | 38.83 | 29.17 | 211.2 | 0.18 | 6.26 | 7.48 |

STATION NUMBER: G48M59 DATE: 05-07-95
LATITUDE: 36.48` TIME: 17:00
LONGITUDE: 30.59` TOTAL DEPTH: 71.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.71 | 39.02 | 26.16 | 221.8 | 0.02 | 0.10 | 1.10 |
| 5 | 25.73 | 39.05 | 26.18 | 219.8 | 0.02 | 0.09 | 1.10 |
| 10 | 25.54 | 39.17 | 26.33 | 220.5 | 0.02 | 0.09 | 1.03 |
| 25 | 20.84 | 39.02 | 27.60 | 243.0 | 0.02 | 0.09 | 1.10 |
| 50 | 18.75 | 39.02 | 28.16 | 226.6 | 0.02 | 0.14 | 1.08 |

STATION NUMBER: G46N18 DATE: 05-07-95
LATITUDE: 36.46` TIME: 18:43
LONGITUDE: 31.18` TOTAL DEPTH: 47.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.89 | 38.75 | 25.90 | 214.9 | 0.03 | 0.23 | 1.18 |
| 5 | 25.84 | 38.98 | 26.09 | 219.5 | 0.02 | 0.14 | 1.10 |
| 10 | 25.13 | 39.02 | 26.35 | 237.0 | 0.02 | 0.14 | 1.10 |
| 25 | 20.24 | 39.03 | 27.77 | 235.3 | 0.02 | 0.16 | 1.32 |
| 47 | 18.58 | 39.02 | 28.20 | 245.4 | 0.02 | 0.14 | 1.29 |

STATION NUMBER: G28P02 DATE: 06-07-95
LATITUDE: 36.28` TIME: 01:12
LONGITUDE: 32.02` TOTAL DEPTH: 850.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.03 | 39.13 | 25.83 | 210.2 | 0.02 | 0.20 | 0.81 |
| 10 | 24.89 | 39.04 | 26.43 | 229.3 | 0.02 | 0.19 | 0.81 |
| 25 | 21.22 | 39.00 | 27.48 | 246.6 | 0.04 | 0.22 | 0.81 |
| 50 | 19.35 | 39.03 | 28.01 | 248.9 | 0.02 | 0.20 | 0.88 |
| 100 | 17.44 | 39.07 | 28.53 | 248.6 | 0.02 | 0.23 | 0.81 |
| 125 | 17.06 | 39.07 | 28.63 | 243.0 | 0.02 | 0.23 | 0.81 |
| 150 | 16.84 | 39.08 | 28.69 | 221.2 | 0.02 | 0.43 | 0.88 |
| 200 | 16.20 | 39.11 | 28.87 | 222.9 | 0.05 | 0.83 | 1.32 |
| 250 | 15.52 | 39.10 | 29.02 | 207.1 | 0.04 | 2.04 | 1.84 |
| 400 | 14.16 | 38.90 | 29.17 | 186.7 | 0.14 | 5.09 | 7.89 |
| 500 | 13.94 | 38.84 | 29.17 | 191.4 | 0.14 | 5.11 | 7.95 |
| 750 | 13.68 | 38.78 | 29.18 | 184.4 | 0.16 | 5.49 | 7.85 |

STATION NUMBER: G16P11 DATE: 06-07-95
LATITUDE: 36.16` TIME: 03154
LONGITUDE: 32.11` TOTAL DEPTH: 1000.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.16 | 39.05 | 25.72 | 198.5 | 0.03 | 0.10 | 0.81 |
| 10 | 25.58 | 39.03 | 26.21 | 218.1 | 0.03 | 0.10 | 0.88 |
| 25 | 22.99 | 39.02 | 26.99 | 196.8 | 0.03 | 0.16 | 0.96 |
| 50 | 18.94 | 39.02 | 28.11 | 246.6 | 0.03 | 0.14 | 1.03 |
| 100 | 17.33 | 39.03 | 28.53 | 240.0 | 0.03 | 0.13 | 1.03 |
| 150 | 16.77 | 39.08 | 28.71 | 225.1 | 0.03 | 0.26 | 1.18 |
| 200 | 16.16 | 39.11 | 28.88 | 212.8 | 0.04 | 0.86 | 1.54 |
| 250 | 15.65 | 39.12 | 29.00 | 199.0 | 0.05 | 1.84 | 2.10 |
| 500 | 13.94 | 38.84 | 29.17 | 197.3 | 0.15 | 5.20 | 7.94 |
| 750 | 13.69 | 38.78 | 29.18 | 194.4 | 0.16 | 5.37 | 9.63 |
| 850 | 13.64 | 38.77 | 29.18 | 195.9 | 0.17 | 5.40 | 9.93 |
| 1000 | 13.58 | 38.75 | 29.18 | 188.0 | 0.22 | 5.40 | 10.07 |

STATION NUMBER: G07Q28 DATE: 06-07-95
LATITUDE: 36.07` TIME: 11:28
LONGITUDE: 33.28` TOTAL DEPTH: 97.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.32 | 39.00 | 25.64 | 208.2 | 0.02 | 0.09 | 1.25 |
| 5 | 27.25 | 39.12 | 25.74 | 204.9 | 0.02 | 0.14 | 1.25 |
| 10 | 27.00 | 39.08 | 25.80 | 186.2 | 0.02 | 0.12 | 1.32 |
| 25 | 26.67 | 39.10 | 25.92 | 206.0 | 0.04 | 0.14 | 1.25 |
| 50 | 22.06 | 39.03 | 27.27 | 220.7 | 0.03 | 0.11 | 1.32 |
| 75 | 19.16 | 38.98 | 28.03 | 211.2 | 0.02 | 0.10 | 1.25 |
| 90 | 18.12 | 39.00 | 28.31 | -99 | 0.16 | 0.23 | 1.25 |

STATION NUMBER: G11R04 DATE: 06-07-95
LATITUDE: 36.11` TIME: 14:34
LONGITUDE: 34.04` TOTAL DEPTH: 230.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.32 | 39.27 | 25.83 | 219.1 | 0.04 | 0.08 | 1.03 |
| 5 | 27.13 | 39.27 | 25.90 | 239.6 | 0.03 | 0.03 | 0.96 |
| 10 | 26.88 | 39.25 | 25.96 | 240.4 | 0.05 | 0.03 | 1.03 |
| 25 | 22.86 | 39.06 | 27.06 | 252.2 | 0.03 | 0.03 | 1.03 |
| 50 | 18.81 | 39.00 | 28.14 | -99 | 0.03 | 0.03 | 1.03 |
| 75 | 17.54 | 39.01 | 28.46 | -99 | 0.03 | 0.03 | 1.02 |
| 100 | 16.91 | 39.09 | 28.68 | -99 | 0.02 | 0.17 | 1.40 |
| 125 | 16.69 | 39.09 | 28.73 | -99 | 0.05 | 0.20 | 1.32 |
| 150 | 16.48 | 39.10 | 28.79 | -99 | 0.03 | 0.13 | 1.47 |
| 175 | 16.18 | 39.12 | 28.88 | -99 | 0.04 | 1.02 | 1.54 |
| 200 | 15.46 | 39.11 | 29.04 | -99 | 0.07 | 2.97 | 1.67 |

STATION NUMBER: G17R03 DATE: 06-07-95
LATITUDE: 36.17` TIME: 16:05
LONGITUDE: 34.03` TOTAL DEPTH: 22.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.11 | 38.58 | 25.39 | 226.0 | 0.03 | 1.22 | 4.34 |
| 5 | 26.49 | 38.91 | 25.83 | 218.4 | 0.04 | 0.11 | 1.99 |
| 10 | 26.09 | 38.95 | 25.99 | 221.7 | 0.03 | 0.20 | 1.91 |
| 15 | 25.66 | 38.99 | 26.15 | 223.9 | 0.04 | 0.12 | 1.99 |
| 20 | 24.30 | 39.07 | 26.64 | 222.9 | 0.04 | 0.07 | 1.99 |

STATION NUMBER: G17Q53 DATE: :06-07-9
LATITUDE: 36.17` TIME: /19:5
LONGITUDE: 33.53` TOTAL DEPTH: 28.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.22 | 38.84 | 25.22 | 223.8 | 0.06 | 0.29 | 0.81 |
| 5 | 28.21 | 38.84 | 25.22 | 209.2 | 0.06 | 0.29 | 0.96 |
| 10 | 26.51 | 38.97 | 25.87 | 231.4 | 0.05 | 0.26 | 1.32 |
| 15 | 25.92 | 39.02 | 26.10 | 222.2 | 0.05 | 0.26 | 1.18 |
| 20 | 25.50 | 39.01 | 26.22 | 226.9 | 0.06 | 0.29 | 1.40 |
| 25 | 24.55 | 39.05 | 26.54 | 229.4 | 0.07 | 0.49 | 1.62 |

STATION NUMBER: G45R35 DATE: 01-07-95
LATITUDE: 36.45` TIME: 09:10
LONGITUDE: 34.35` TOTAL DEPTH: 16.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.12 | 38.36 | 24.88 | 215.9 | 0.03 | 0.49 | 2.87 |
| 15 | 27.84 | 38.61 | 25.17 | 200.6 | 0.07 | 0.39 | 2.66 |

STATION NUMBER: G47R42 DATE: 01-07-95
LATITUDE: 36.47` TIME: 10:05
LONGITUDE: 34.42` TOTAL DEPTH: 12.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 28.50 | 38.18 | 24.62 | 211.0 | 0.03 | 0.39 | 4.41 |

STATION NUMBER: G41R44 DATE: 01=07-95
LATITUDE: 36.41` TIME: 10:56
LONGITUDE: 34.44` TOTAL DEPTH: 45.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.43 | 38.92 | 25.53 | 202.4 | 0.05 | 0.21 | 0.84 |
| 10 | 25.91 | 40.08 | 26.90 | 208.9 | 0.04 | 0.07 | 1.05 |
| 25 | 22.77 | 39.01 | 27.05 | 229.4 | 0.03 | 0.03 | 0.98 |
| 45 | 21.12 | 38.96 | 27.48 | 209.6 | 0.03 | 0.03 | 1.19 |

STATION NUMBER: G35T08 DATE: 01=07-95
LATITUDE: 36.35` TIME: 23:20
LONGITUDE: 36.08` TOTAL DEPTH: 25.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 27.51 | 38.63 | 25.29 | 204.3 | 0.02 | 0.16 | 1.01 |
| 10 | 26.71 | 38.88 | 25.74 | 206.1 | 0.02 | 0.13 | 1.05 |
| 25 | 26.48 | 39.16 | 26.03 | 205.9 | 0.02 | 0.13 | 1.19 |

Cizelge 7: MED-POL 2.Asama Akdeniz Kesimi projesi kapsaminda Kuzeydogu Akdeniz'de 18-21 Eylul 1995 doneminde deniz suyunda olculen standart osinografik parametreler

STATION NUMBER: G16Q53 DATE: 18-09-95
LATITUDE: 36.16` TIME: 15:45
LONGITUDE: 33.53` TOTAL DEPTH: 35.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.35 | 39.50 | 25.67 | -99 | 0.04 | 0.53 | 2.05 |
| 5 | 28.35 | 39.50 | 25.67 | 201.8 | 0.03 | 0.13 | 1.85 |
| 10 | 28.35 | 39.50 | 25.67 | 199.8 | 0.02 | 0.13 | 1.99 |
| 20 | 28.35 | 39.50 | 25.67 | 199.6 | 0.02 | 0.13 | 1.85 |
| 25 | 28.35 | 39.50 | 25.67 | 209.9 | 0.03 | 0.13 | 1.78 |
| 30 | 28.35 | 39.50 | 25.67 | 206.7 | 0.02 | 0.17 | 1.85 |

STATION NUMBER: G13R00 DATE: 18-09-95
LATITUDE: 36.13` TIME: 16:51
LONGITUDE: 34.00` TOTAL DEPTH: 36.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.36 | 39.39 | 25.58 | 205.0 | 0.03 | 0.20 | 1.51 |
| 10 | 28.36 | 39.39 | 25.58 | 207.1 | 0.02 | 0.17 | 1.71 |
| 20 | 28.36 | 39.39 | 25.58 | 205.7 | 0.02 | 0.32 | 1.71 |
| 30 | 28.31 | 39.39 | 25.60 | 203.8 | 0.05 | 0.23 | 1.99 |

STATION NUMBER: G17R03 DATE: 18-09-95
LATITUDE: 36.17` TIME: 17:30
LONGITUDE: 34.03` TOTAL DEPTH: 22.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.43 | 39.06 | 25.31 | 205.2 | 0.03 | 0.48 | 2.95 |
| 7 | 28.42 | 39.12 | 25.36 | 198.5 | 0.03 | 0.38 | 2.33 |
| 20 | 28.37 | 39.37 | 25.56 | 203.2 | 0.11 | 0.33 | 1.85 |

STATION NUMBER: G34R22 DATE: 18-09-95
LATITUDE: 36.34` TIME: 20:20
LONGITUDE: 34.22` TOTAL DEPTH: 91.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.43 | 39.46 | 25.61 | 199.8 | 0.02 | 0.21 | 1.44 |
| 9 | 28.43 | 39.46 | 25.61 | 198.0 | 0.02 | 0.19 | 1.58 |
| 24 | 28.43 | 39.46 | 25.61 | 200.2 | 0.02 | 0.17 | 2.33 |
| 49 | 23.10 | 39.02 | 26.96 | 256.5 | 0.02 | 0.17 | 1.37 |
| 79 | 17.90 | 38.96 | 28.34 | 239.6 | 0.02 | 0.30 | 2.40 |
| 89 | 17.46 | 39.00 | 28.47 | 222.2 | 0.03 | 0.75 | 3.29 |

STATION NUMBER: G41R35 DATE: 18-09-95
LATITUDE: 36.41` TIME: 22:05
LONGITUDE: 34.35` TOTAL DEPTH: 49.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.53 | 39.22 | 25.40 | 201.6 | 0.04 | 0.17 | 2.47 |
| 10 | 28.55 | 39.31 | 25.46 | 202.4 | 0.03 | 0.17 | 2.88 |
| 20 | 28.40 | 39.46 | 25.63 | 199.6 | 0.02 | 0.14 | 1.78 |
| 30 | 28.28 | 39.46 | 25.66 | 208.3 | 0.02 | 0.14 | 1.85 |
| 45 | 25.94 | 39.20 | 26.23 | 209.1 | 0.02 | 0.16 | 2.67 |

STATION NUMBER: G46R37 DATE: 18-09-95
LATITUDE: 36.46` TIME: 22:54
LONGITUDE: 34.37` TOTAL DEPTH: 15.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.95 | 38.01 | 24.68 | 202.5 | 0.32 | 0.70 | 4.04 |
| 13 | 28.48 | 39.33 | 25.50 | 175.7 | 0.13 | 0.59 | 3.49 |

STATION NUMBER: G46R44 DATE: 18-09-95
LATITUDE: 36.46` TIME: 23:50
LONGITUDE: 34.44` TOTAL DEPTH: 13.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.64 | 38.78 | 25.03 | 205.2 | 0.04 | 0.45 | 5.34 |
| 10 | 28.66 | 38.81 | 25.05 | 208.3 | 0.05 | 0.52 | 6.51 |

STATION NUMBER: G45R48 DATE: 19-09-95
LATITUDE: 36.45` TIME: 00:23
LONGITUDE: 34.48` TOTAL DEPTH: 12.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.72 | 38.62 | 24.88 | 208.1 | 0.19 | 1.42 | 11.92 |
| 10 | 28.70 | 39.17 | 25.30 | 200.1 | 0.19 | 1.42 | 13.84 |

STATION NUMBER: G41R54 DATE: 19-09-95
LATITUDE: 36.41` TIME: 02:01
LONGITUDE: 34.54` TOTAL DEPTH: 14.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.75 | 38.99 | 25.15 | 200.4 | 0.06 | 0.31 | 6.10 |
| 10 | 28.75 | 39.09 | 25.23 | 196.0 | 0.06 | 0.47 | 6.64 |
| 20 | 28.75 | 39.09 | 25.23 | 192.4 | 0.06 | 0.35 | 6.44 |

STATION NUMBER: G38R58 DATE: 19-09-95
LATITUDE: 36.38` TIME: 02:45
LONGITUDE: 34.58` TOTAL DEPTH: 26.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.41 | 39.31 | 25.51 | 195.8 | 0.05 | 0.50 | 2.47 |
| 10 | 28.46 | 39.33 | 25.50 | 198.7 | 0.05 | 0.93 | 3.36 |
| 20 | 28.44 | 39.33 | 25.51 | 194.8 | 0.04 | 0.62 | 3.36 |

STATION NUMBER: G31S22 DATE: 19-09-95
LATITUDE: 36.31` TIME: 05:04
LONGITUDE: 35.22` TOTAL DEPTH: 17.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.22 | 39.26 | 25.53 | 205.2 | 0.05 | 1.20 | 3.01 |
| 5 | 28.22 | 39.26 | 25.53 | 199.4 | 0.04 | 0.43 | 3.08 |
| 10 | 28.22 | 39.26 | 25.53 | 199.9 | 0.04 | 0.04 | 3.29 |
| 15 | 28.22 | 39.26 | 25.53 | 199.4 | 0.04 | 0.04 | 3.29 |

STATION NUMBER: G33S33 DATE: 19-09-95
LATITUDE: 36.33` TIME: 06:12
LONGITUDE: 35.33` TOTAL DEPTH: 10.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.26 | 39.14 | 25.43 | 199.6 | 0.07 | 0.04 | 4.38 |
| 8 | 28.23 | 39.19 | 25.47 | 196.6 | 0.06 | 1.16 | 4.52 |

STATION NUMBER: G30S37 DATE: 19-09-95
LATITUDE: 36.30` TIME: 06:45
LONGITUDE: 35.37` TOTAL DEPTH: 73.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.29 | 39.04 | 25.34 | 203.3 | 0.04 | 0.19 | 2.05 |
| 10 | 28.28 | 39.05 | 25.35 | 207.6 | 0.03 | 0.35 | 2.95 |
| 20 | 28.02 | 39.39 | 25.70 | 203.8 | 0.03 | 0.39 | 2.09 |
| 30 | 27.60 | 39.46 | 25.89 | 214.8 | 0.03 | 0.58 | 1.44 |
| 50 | 25.11 | 39.23 | 26.51 | 215.7 | 0.03 | 0.58 | 1.64 |
| 70 | 18.81 | 38.96 | 28.10 | 204.2 | 0.07 | 2.52 | 6.37 |

STATION NUMBER: G43S49 DATE: 19-09-95
LATITUDE: 36.43` TIME: 08:50
LONGITUDE: 35.49` TOTAL DEPTH: 47.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.42 | 39.19 | 25.41 | 200.4 | 0.02 | 0.17 | 2.74 |
| 10 | 28.40 | 39.19 | 25.42 | 199.0 | 0.02 | 0.21 | 2.74 |
| 20 | 28.40 | 39.19 | 25.42 | 198.7 | 0.02 | 0.12 | 2.74 |
| 30 | 28.18 | 39.39 | 25.64 | 188.8 | 0.02 | 0.17 | 1.71 |
| 42 | 26.81 | 39.22 | 25.97 | 162.5 | 0.03 | 0.62 | 6.51 |

STATION NUMBER: G50S57 DATE: 19-09-95
LATITUDE: 36.50` TIME: 10:02
LONGITUDE: 35.57` TOTAL DEPTH: 43.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 2 | 28.51 | 39.17 | 25.36 | 195.5 | 0.03 | 0.17 | 2.88 |
| 10 | 28.51 | 39.17 | 25.36 | 195.3 | 0.03 | 0.19 | 2.88 |
| 20 | 28.50 | 39.16 | 25.37 | 201.4 | 0.02 | 0.17 | 3.77 |
| 30 | 28.49 | 39.17 | 25.37 | 203.7 | 0.02 | 0.17 | 3.15 |
| 40 | 27.30 | 39.25 | 25.83 | 160.2 | 0.04 | 0.78 | 7.88 |

STATION NUMBER: G44T05 DATE: 19-09-95
LATITUDE: 36.44` TIME: 11:10
LONGITUDE: 36.05` TOTAL DEPTH: 58.0 m.
SECCHI DISK: 10.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 2 | 28.55 | 39.15 | 25.34 | 200.9 | 0.02 | 0.23 | 2.88 |
| 10 | 28.55 | 39.15 | 25.34 | 202.9 | 0.02 | 0.27 | 3.36 |
| 25 | 28.55 | 39.15 | 25.34 | 202.7 | 0.02 | 0.19 | 3.22 |
| 35 | 28.54 | 39.15 | 25.34 | 199.2 | 0.02 | 0.25 | 2.60 |
| 50 | 25.59 | 39.19 | 26.33 | 184.1 | 0.02 | 0.54 | 2.67 |
| 55 | 24.81 | 39.14 | 26.54 | 193.4 | 0.02 | 0.62 | 3.90 |

STATION NUMBER: G35T02 DATE: 19-09-95
LATITUDE: 36.35` TIME: 13:23
LONGITUDE: 36.02` TOTAL DEPTH: 65.0 m.
SECCHI DISK: 7.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.55 | 39.15 | 25.33 | 200.4 | 0.02 | 0.31 | 3.01 |
| 10 | 28.55 | 39.15 | 25.34 | 201.2 | 0.02 | 0.27 | 3.15 |
| 20 | 28.51 | 39.14 | 25.35 | 201.1 | 0.02 | 0.33 | 3.15 |
| 30 | 28.48 | 39.19 | 25.39 | 200.1 | 0.02 | 0.31 | 1.71 |
| 40 | 28.14 | 39.40 | 25.67 | 201.4 | 0.02 | 0.31 | 2.05 |
| 55 | 26.49 | 39.33 | 26.15 | 212.9 | 0.02 | 0.29 | 2.02 |

STATION NUMBER: G27S50 DATE: 19-09-95
LATITUDE: 36.27` TIME: 14:50
LONGITUDE: 35.50` TOTAL DEPTH: 68.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.01 | 39.22 | 25.57 | 201.8 | 0.02 | 0.19 | 1.47 |
| 10 | 27.82 | 39.38 | 25.75 | 199.5 | 0.02 | 0.54 | 1.40 |
| 20 | 27.94 | 39.30 | 25.65 | 216.4 | 0.02 | 0.25 | 1.53 |
| 30 | 27.64 | 39.49 | 25.89 | 206.5 | 0.02 | 0.39 | 1.80 |
| 40 | 27.34 | 39.47 | 25.98 | 214.6 | 0.02 | 0.39 | 1.67 |
| 50 | 26.34 | 39.38 | 26.24 | 210.1 | 0.02 | 0.31 | 2.13 |

STATION NUMBER: G07Q28 DATE: 20-09-95
LATITUDE: 36.07` TIME: 05:17
LONGITUDE: 33.28` TOTAL DEPTH: 94.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.55 | 39.48 | 25.92 | 204.3 | 0.02 | 0.12 | 1.27 |
| 10 | 27.54 | 39.48 | 25.92 | 205.0 | 0.02 | 0.12 | 1.40 |
| 25 | 27.52 | 39.48 | 25.93 | 206.5 | 0.02 | 0.16 | 1.40 |
| 50 | 20.79 | 38.85 | 27.48 | 250.4 | 0.02 | 0.12 | 0.93 |
| 75 | 18.04 | 38.94 | 28.28 | 239.6 | 0.02 | 0.27 | 2.03 |
| 90 | 17.79 | 38.95 | 28.35 | 239.0 | 0.02 | 0.37 | 2.13 |

STATION NUMBER: G16P11 DATE: 20-09-95
LATITUDE: 36.16` TIME: 12:30
LONGITUDE: 32.11` TOTAL DEPTH: 1200.0 m.
SECCHI DISK: 32.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.50 | 39.45 | 25.92 | 206.3 | 0.02 | 0.16 | 1.07 |
| 10 | 27.43 | 39.45 | 25.93 | 206.4 | 0.02 | 0.16 | 1.13 |
| 25 | 27.39 | 39.44 | 25.94 | 207.1 | 0.02 | 0.16 | 1.33 |
| 50 | 25.26 | 39.19 | 26.43 | 226.8 | 0.02 | 0.19 | 1.33 |
| 100 | 17.61 | 39.06 | 28.48 | 246.5 | 0.02 | 0.19 | 1.13 |
| 250 | 14.85 | 39.02 | 29.11 | 207.6 | 0.07 | 4.15 | 4.27 |
| 300 | 14.47 | 38.96 | 29.15 | 200.7 | 0.10 | 4.84 | 5.67 |
| 400 | 13.87 | 38.83 | 29.18 | 195.8 | 0.14 | 6.01 | 8.33 |
| 500 | 13.72 | 38.79 | 29.18 | 193.4 | 0.16 | 6.09 | 9.53 |
| 600 | 13.64 | 38.77 | 29.18 | 189.9 | 0.18 | 6.09 | 9.73 |
| 800 | 13.61 | 38.76 | 29.18 | 194.2 | 0.19 | 6.05 | 10.13 |
| 1000 | 13.57 | 38.75 | 29.18 | 191.3 | 0.19 | 6.12 | 10.40 |

STATION NUMBER: G28P02 DATE: 20-09-95
LATITUDE: 36.28` TIME: 14:45
LONGITUDE: 32.02` TOTAL DEPTH: 750.0 m.
SECCHI DISK: 27.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.47 | 39.46 | 25.93 | 205.5 | 0.03 | 0.12 | 1.33 |
| 10 | 27.46 | 39.45 | 25.93 | 205.3 | 0.03 | 0.12 | 1.40 |
| 25 | 27.40 | 39.45 | 25.94 | 205.0 | 0.03 | 0.16 | 1.20 |
| 50 | 24.77 | 39.16 | 26.56 | 234.2 | 0.04 | 0.12 | 1.07 |
| 100 | 17.62 | 39.03 | 28.46 | 242.1 | 0.04 | 0.14 | 1.07 |
| 150 | 16.33 | 39.10 | 28.83 | 226.3 | 0.04 | 0.47 | 1.53 |
| 250 | 14.91 | 39.03 | 29.10 | 198.4 | 0.09 | 4.07 | 4.00 |
| 300 | 14.33 | 38.93 | 29.16 | 197.7 | 0.15 | 5.54 | 6.60 |
| 400 | 13.96 | 38.85 | 29.17 | 191.9 | 0.17 | 5.31 | 8.13 |
| 500 | 13.87 | 38.83 | 29.18 | 193.9 | 0.20 | 6.05 | 8.67 |
| 600 | 13.76 | 38.80 | 29.18 | 195.5 | 0.20 | 6.01 | 9.33 |
| 750 | 13.65 | 38.77 | 29.18 | 190.5 | 0.20 | 5.46 | 10.20 |

STATION NUMBER: G46N18 DATE: 20-09-95
LATITUDE: 36.46` TIME: 19:20
LONGITUDE: 31.18` TOTAL DEPTH: 47.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.35 | 39.41 | 25.93 | 205.8 | 0.04 | 0.23 | 1.40 |
| 10 | 27.34 | 39.41 | 25.93 | 204.4 | 0.02 | 0.19 | 1.07 |
| 20 | 27.21 | 39.39 | 25.96 | 207.1 | 0.02 | 0.23 | 1.33 |
| 30 | 26.38 | 39.31 | 26.17 | 219.0 | 0.02 | 0.23 | 1.13 |
| 45 | 23.29 | 39.04 | 26.92 | 238.9 | 0.02 | 0.27 | 1.20 |

STATION NUMBER: G48M59 DATE: 21-09-95
LATITUDE: 36.48` TIME: 16:20
LONGITUDE: 28.59` TOTAL DEPTH: 520.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.03 | 39.37 | 26.01 | 207.3 | 0.02 | 0.23 | 1.33 |
| 10 | 27.05 | 39.38 | 26.01 | 213.7 | 0.02 | 0.27 | 1.33 |
| 25 | 26.53 | 39.32 | 26.13 | 215.5 | 0.02 | 0.21 | 1.37 |
| 40 | 22.90 | 39.04 | 27.03 | 249.1 | 0.02 | 0.23 | 0.73 |
| 63 | 19.66 | 38.97 | 27.89 | 251.4 | 0.02 | 0.23 | 1.13 |

STATION NUMBER: G48M41 DATE: 20-09-95
LATITUDE: 36.48` TIME: 22:25
LONGITUDE: 30.41` TOTAL DEPTH: 650.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.71 | 39.31 | 26.07 | 206.1 | 0.03 | 0.10 | 1.30 |
| 10 | 26.71 | 39.31 | 26.07 | 211.4 | 0.02 | 0.12 | 1.47 |
| 25 | 26.71 | 39.31 | 26.07 | 210.4 | 0.02 | 0.12 | 1.33 |
| 50 | 21.52 | 39.00 | 27.40 | 233.4 | 0.02 | 0.10 | 1.13 |
| 75 | 18.79 | 39.01 | 28.14 | 245.3 | 0.02 | 0.10 | 1.00 |
| 100 | 17.66 | 39.03 | 28.45 | 244.2 | 0.02 | 0.12 | 1.40 |
| 150 | 16.29 | 39.09 | 28.83 | 227.7 | 0.02 | 0.64 | 1.62 |
| 200 | 15.30 | 39.06 | 29.04 | 224.4 | 0.03 | 2.44 | 2.60 |
| 250 | 14.64 | 38.98 | 29.13 | 207.8 | 0.12 | 4.84 | 4.93 |
| 400 | 14.01 | 38.86 | 29.17 | 197.3 | 0.18 | 5.44 | 7.60 |
| 500 | 13.86 | 38.82 | 29.18 | 194.5 | 0.17 | 6.00 | 8.73 |
| 600 | 13.75 | 38.79 | 29.18 | 194.1 | 0.19 | 6.08 | 9.46 |

STATION NUMBER: G37M37 DATE: 21-09-95
LATITUDE: 36.37` TIME: 00:06
LONGITUDE: 30.37` TOTAL DEPTH: 175.0 m.
SECCHI DISK: 28.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.61 | 39.26 | 26.06 | 212.5 | 0.02 | 0.40 | 1.87 |
| 10 | 26.61 | 39.26 | 26.06 | 211.8 | 0.02 | 0.52 | 1.27 |
| 25 | 26.55 | 39.26 | 26.07 | 212.0 | 0.02 | 0.64 | 1.53 |
| 50 | 21.60 | 38.98 | 27.36 | 246.6 | 0.02 | 0.24 | 0.93 |
| 75 | 18.73 | 39.00 | 28.15 | 248.6 | 0.02 | 0.24 | 0.87 |
| 100 | 17.94 | 39.02 | 28.37 | 244.7 | 0.02 | 0.48 | 1.20 |
| 130 | 16.72 | 39.08 | 28.72 | 241.8 | 0.02 | 0.44 | 1.20 |

STATION NUMBER: G14M13 DATE: 21-09-95
LATITUDE: 36.14` TIME: 16:20
LONGITUDE: 28.13` TOTAL DEPTH: 520.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.99 | 39.37 | 26.34 | 208.6 | 0.02 | 0.24 | 1.33 |
| 10 | 25.85 | 39.36 | 26.38 | 210.4 | 0.02 | 0.28 | 1.47 |
| 25 | 24.43 | 39.22 | 26.71 | 208.8 | 0.02 | 0.24 | 1.47 |
| 50 | 21.52 | 39.02 | 27.41 | 249.4 | 0.02 | 0.30 | 1.27 |
| 75 | 19.07 | 39.00 | 28.07 | 247.8 | 0.02 | 0.24 | 1.33 |
| 100 | 17.77 | 39.03 | 28.42 | 242.8 | 0.02 | 0.44 | 1.67 |
| 150 | 16.68 | 39.07 | 28.72 | 223.9 | 0.03 | 1.60 | 2.07 |
| 200 | 15.55 | 39.08 | 29.00 | 208.3 | 0.07 | 4.04 | 3.73 |
| 250 | 14.77 | 39.00 | 29.11 | 207.3 | 0.12 | 5.16 | 5.07 |
| 300 | 14.16 | 38.89 | 29.16 | 200.3 | 0.16 | 5.52 | 6.47 |

STATION NUMBER: G10L36 DATE: 21-09-95
LATITUDE: 36.10` TIME: 07:50
LONGITUDE: 29.36` TOTAL DEPTH: 193.0 m.
SECCHI DISK: 19.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.80 | 39.39 | 26.10 | 206.5 | 0.02 | 0.40 | 1.73 |
| 10 | 26.77 | 39.36 | 26.08 | 205.1 | 0.02 | 0.30 | 1.53 |
| 25 | 26.74 | 39.35 | 26.09 | 199.6 | 0.02 | 0.40 | 1.73 |
| 50 | 20.69 | 39.05 | 27.67 | 252.2 | 0.02 | 0.32 | 1.40 |
| 75 | 18.23 | 39.03 | 28.31 | 249.4 | 0.02 | 0.50 | 1.47 |
| 100 | 17.56 | 39.05 | 28.49 | 244.6 | 0.02 | 0.52 | 1.40 |
| 150 | 16.41 | 39.08 | 28.79 | 231.2 | 0.02 | 1.32 | 1.73 |
| 180 | 16.28 | 39.08 | 28.82 | 226.7 | 0.02 | 1.28 | 1.93 |

STATION NUMBER: G14L16 DATE: 21-09-95
LATITUDE: 36.14` TIME: 09:45
LONGITUDE: 29.16` TOTAL DEPTH: 240.0 m.
SECCHI DISK: 25.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.99 | 39.41 | 26.05 | 206.1 | 0.02 | 0.36 | 1.13 |
| 10 | 26.98 | 39.41 | 26.05 | 210.2 | 0.02 | 0.40 | 1.13 |
| 25 | 26.91 | 39.40 | 26.07 | 211.5 | 0.02 | 0.32 | 1.33 |
| 50 | 22.33 | 39.08 | 27.23 | 232.5 | 0.02 | 0.38 | 1.13 |
| 75 | 18.72 | 39.01 | 28.16 | 250.4 | 0.02 | 0.44 | 1.13 |
| 100 | 17.29 | 39.06 | 28.56 | 249.4 | 0.02 | 0.40 | 1.27 |
| 150 | 16.24 | 39.09 | 28.84 | 232.3 | 0.02 | 0.76 | 1.60 |
| 200 | 15.29 | 39.07 | 29.05 | 219.6 | 0.04 | 2.80 | 2.73 |
| 215 | 15.10 | 39.05 | 29.07 | 214.5 | 0.06 | 3.52 | 3.20 |

STATION NUMBER: G37L00 DATE: 21-09-95
LATITUDE: 36.37` TIME: 12:47
LONGITUDE: 29.00` TOTAL DEPTH: 320.0 m.
SECCHI DISK: 27.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.15 | 39.37 | 26.29 | 212.5 | 0.03 | 0.16 | 1.53 |
| 10 | 25.61 | 39.32 | 26.42 | 216.8 | 0.03 | 0.22 | 1.27 |
| 25 | 25.14 | 39.26 | 26.52 | 222.1 | 0.02 | 0.16 | 1.53 |
| 50 | 22.42 | 39.06 | 27.19 | 244.0 | 0.02 | 0.16 | 1.07 |
| 75 | 20.46 | 38.99 | 27.68 | 247.3 | 0.02 | 0.24 | 1.00 |
| 100 | 18.20 | 39.04 | 28.32 | 238.7 | 0.02 | 0.28 | 1.40 |
| 150 | 15.66 | 39.09 | 28.98 | 218.7 | 0.02 | 1.88 | 2.40 |
| 200 | 14.79 | 39.00 | 29.11 | 208.8 | 0.08 | 4.00 | 4.33 |
| 300 | 14.10 | 38.88 | 29.17 | 211.0 | 0.15 | 5.88 | 7.40 |

STATION NUMBER: G41K55 DATE: 21-09-95
LATITUDE: 36.41` TIME: 13:05
LONGITUDE: 28.55` TOTAL DEPTH: 114.0 m.
SECCHI DISK: 19.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.55 | 39.28 | 26.41 | 246.3 | 0.02 | 0.28 | 2.17 |
| 10 | 25.48 | 39.28 | 26.43 | 220.4 | 0.02 | 0.28 | 2.40 |
| 25 | 25.23 | 39.26 | 26.49 | 225.4 | 0.02 | 0.30 | 2.53 |
| 50 | 22.61 | 39.07 | 27.14 | 230.9 | 0.02 | 0.28 | 1.67 |
| 75 | 20.82 | 39.01 | 27.60 | 215.4 | 0.02 | 0.24 | 1.47 |
| 100 | 18.53 | 39.03 | 28.23 | 246.0 | 0.02 | 0.28 | 1.60 |

STATION NUMBER: G41K43 DATE: 21-09-95
LATITUDE: 36.41` TIME: 15:45
LONGITUDE: 28.43` TOTAL DEPTH: 373.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.65 | 39.34 | 26.42 | 213.5 | 0.02 | 0.24 | 1.40 |
| 10 | 25.66 | 39.34 | 26.42 | 214.4 | 0.02 | 0.36 | 1.43 |
| 25 | 25.37 | 39.30 | 26.48 | 217.6 | 0.02 | 0.32 | 1.37 |
| 50 | 21.81 | 39.03 | 27.34 | 250.1 | 0.02 | 0.24 | 1.20 |
| 75 | 19.07 | 39.01 | 28.07 | 256.6 | 0.02 | 0.30 | 1.27 |
| 100 | 17.95 | 39.03 | 28.38 | 239.4 | 0.02 | 0.26 | 1.03 |
| 150 | 16.81 | 39.07 | 28.69 | 235.4 | 0.02 | 0.52 | 1.53 |
| 200 | 15.14 | 39.03 | 29.05 | 221.8 | 0.02 | 0.72 | 1.53 |
| 250 | 14.69 | 38.98 | 29.12 | 207.6 | 0.02 | 1.96 | 2.07 |
| 350 | 14.08 | 38.87 | 29.17 | 215.4 | 0.07 | 4.12 | 4.27 |

STATION NUMBER: G39K41 DATE: 21-09-95
LATITUDE: 36.39` TIME: 16:20
LONGITUDE: 28.41` TOTAL DEPTH: 520.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.99 | 39.37 | 26.34 | 209.3 | 0.02 | 0.16 | 1.53 |
| 10 | 25.85 | 39.36 | 26.38 | 215.4 | 0.02 | 0.12 | 1.47 |
| 25 | 24.43 | 39.22 | 26.71 | 222.8 | 0.02 | 0.16 | 0.77 |
| 50 | 21.52 | 39.02 | 27.41 | 242.4 | 0.02 | 0.16 | 1.27 |
| 75 | 19.07 | 39.00 | 28.07 | 249.1 | 0.02 | 0.28 | 1.20 |
| 100 | 17.77 | 39.03 | 28.42 | 248.3 | 0.02 | 0.22 | 1.20 |
| 150 | 16.68 | 39.07 | 28.72 | 234.6 | 0.02 | 0.40 | 1.47 |
| 200 | 15.55 | 39.08 | 29.00 | 223.3 | 0.02 | 1.84 | 2.33 |
| 250 | 14.77 | 39.00 | 29.11 | 207.3 | 0.06 | 1.28 | 4.13 |
| 350 | 14.16 | 38.89 | 29.16 | 149.8 | 0.15 | 5.24 | 6.66 |
| 500 | 13.91 | 38.83 | 29.17 | 196.6 | 0.15 | 5.92 | 8.47 |

STATION NUMBER: G49K16 DATE: 21-09-95
LATITUDE: 36.49` TIME: 19:10
LONGITUDE: 28.16` TOTAL DEPTH: 37.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.47 | 39.35 | 26.80 | 217.9 | 0.02 | 0.24 | 1.80 |
| 5 | 24.46 | 39.35 | 26.80 | 232.6 | 0.02 | 0.12 | 1.80 |
| 10 | 24.45 | 39.35 | 26.81 | 215.3 | 0.02 | 0.12 | 2.00 |
| 20 | 24.42 | 39.35 | 26.82 | 215.5 | 0.02 | 0.16 | 2.22 |
| 30 | 23.54 | 39.22 | 26.98 | 212.1 | 0.02 | 0.10 | 1.60 |

STATION NUMBER: G45R35 DATE: 18-09-95
LATITUDE: 36.45` TIME: 22:40
LONGITUDE: 34.35` TOTAL DEPTH: 17.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.63 | 39.14 | 25.30 | 201.7 | 0.02 | 0.17 | 3.22 |
| 15 | 28.50 | 39.29 | 25.46 | 175.1 | 0.11 | 0.66 | 6.16 |

STATION NUMBER: G47R42 DATE: 18-09-95
LATITUDE: 36.47` TIME: 23:35
LONGITUDE: 34.42` TOTAL DEPTH: 11.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.50 | 38.36 | 24.76 | 212.1 | 0.04 | 0.19 | 2.12 |
| 10 | 28.71 | 38.95 | 25.13 | 205.1 | 0.06 | 0.17 | 5.48 |

STATION NUMBER: G41R44 DATE: 19-09-95
LATITUDE: 36.41` TIME: 01:00
LONGITUDE: 34.44` TOTAL DEPTH: 45.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.37 | 39.42 | 25.60 | 205.1 | 0.06 | 0.66 | 1.99 |
| 10 | 28.37 | 39.43 | 25.61 | 197.3 | 0.07 | 0.89 | 1.85 |
| 20 | 28.36 | 39.43 | 25.61 | 201.6 | 0.05 | 0.68 | 2.19 |
| 30 | 28.36 | 39.43 | 25.61 | 201.8 | 0.06 | 0.31 | 2.40 |
| 45 | 26.96 | 39.32 | 25.99 | 209.1 | 0.05 | 0.31 | 2.47 |

STATION NUMBER: G35T08 DATE: 19-09-95
LATITUDE: 36.35` TIME: 12:40
LONGITUDE: 36.08` TOTAL DEPTH: 21.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.68 | 39.13 | 25.28 | 199.3 | 0.04 | 0.27 | 4.11 |
| 10 | 28.66 | 39.15 | 25.30 | 198.7 | 0.04 | 0.23 | 4.04 |
| 18 | 28.66 | 39.16 | 25.31 | 196.0 | 0.03 | 0.27 | 3.15 |

Cizelge 8: MED-POL 2.Asama Akdeniz Kesimi projesi kapsaminda Kuzeydogu Akdeniz'de 19-28 Ekim 1995 doneminde deniz suyunda olculen standart osinografik parametreler

STATION NUMBER: G49K16 DATE: 19-10-95
LATITUDE: 36.49` TIME: 11:59
LONGITUDE: 28.15` TOTAL DEPTH: 37.0 m.
SECCHI DISK: 7.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 22.84 | 39.44 | 27.35 | 211.8 | 0.39 | 0.13 | 2.09 |
| 11 | 22.72 | 39.44 | 27.39 | 211.6 | 0.03 | 0.09 | 2.03 |
| 21 | 22.51 | 39.39 | 27.41 | 216.3 | 0.03 | 0.08 | 2.22 |
| 35 | 19.97 | 39.05 | 27.87 | 218.9 | 0.05 | 0.08 | 2.09 |

STATION NUMBER: G39K41 DATE: 19-10-95
LATITUDE: 36.39` TIME: 14.37
LONGITUDE: 28.41` TOTAL DEPTH: 522.0 m.
SECCHI DISK: 11.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.12 | 39.51 | 27.32 | 212.6 | 0.06 | 0.08 | 0.92 |
| 10 | 23.13 | 39.51 | 27.32 | 208.8 | 0.03 | 0.06 | 0.92 |
| 25 | 23.12 | 39.51 | 27.32 | 213.4 | 0.03 | 0.06 | 0.92 |
| 50 | 18.79 | 39.01 | 28.14 | 246.9 | 0.03 | 0.08 | 0.78 |
| 75 | 17.53 | 39.04 | 28.49 | 237.0 | 0.05 | 0.06 | 0.78 |
| 90 | 17.06 | 39.06 | 28.62 | 234.6 | 0.05 | 0.16 | 0.85 |
| 150 | 15.70 | 39.09 | 28.97 | 218.0 | 0.05 | 0.89 | 1.57 |
| 200 | 14.92 | 39.02 | 29.09 | 202.4 | 0.10 | 3.50 | 3.40 |
| 250 | 14.41 | 38.93 | 29.14 | 194.9 | 0.18 | 4.86 | 5.03 |
| 300 | 14.15 | 38.89 | 29.16 | 192.9 | 0.23 | 5.30 | 6.27 |
| 350 | 14.00 | 38.86 | 29.17 | 190.5 | 0.24 | 5.30 | 6.99 |
| 400 | 13.92 | 38.84 | 29.17 | 189.5 | 0.25 | 5.46 | 7.58 |
| 500 | 13.81 | 38.81 | 29.18 | 184.6 | 0.25 | 5.52 | 8.04 |

STATION NUMBER: G41K43 DATE: 19-10-95
LATITUDE: 36.41` TIME: 15:20
LONGITUDE: 28.43` TOTAL DEPTH: 340.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.05 | 39.19 | 27.10 | 214.3 | 0.02 | 0.27 | 3.01 |
| 10 | 23.13 | 39.35 | 27.20 | 213.4 | 0.02 | 0.16 | 2.35 |
| 30 | 23.12 | 39.45 | 27.28 | 223.8 | 0.02 | 0.13 | 1.18 |
| 50 | 19.12 | 39.00 | 28.05 | 245.4 | 0.02 | 0.13 | 0.92 |
| 75 | 17.64 | 39.03 | 28.46 | 235.2 | 0.02 | 0.16 | 0.98 |
| 90 | 17.01 | 39.06 | 28.63 | 229.0 | 0.02 | 0.33 | 1.08 |
| 100 | 16.83 | 39.06 | 28.68 | 228.8 | 0.02 | 0.36 | 1.18 |
| 150 | 15.62 | 39.08 | 28.98 | 215.6 | 0.02 | 1.38 | 1.90 |
| 200 | 14.82 | 39.00 | 29.10 | 202.2 | 0.09 | 3.65 | 3.73 |
| 250 | 14.32 | 38.92 | 29.15 | 194.0 | 0.17 | 5.03 | 5.62 |
| 300 | 14.15 | 38.88 | 29.16 | -99 | 0.22 | 5.35 | 6.47 |
| 340 | 14.04 | 38.86 | 29.17 | 193.1 | 0.23 | 5.48 | 7.39 |

STATION NUMBER: G42K55 DATE: 19-10-95
LATITUDE: 36.41` TIME: 17:31
LONGITUDE: 28.55` TOTAL DEPTH: 120.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 22.92 | 39.24 | 27.18 | -99 | 0.05 | 0.16 | 2.29 |
| 10 | 22.85 | 39.22 | 27.18 | 255.3 | 0.05 | 0.13 | 2.22 |
| 20 | 22.84 | 39.25 | 27.21 | 231.7 | 0.04 | 0.13 | 2.03 |
| 40 | 21.14 | 39.06 | 27.55 | 241.8 | 0.04 | 0.14 | 1.31 |
| 50 | 19.30 | 39.02 | 28.02 | 221.0 | 0.05 | 0.16 | 1.18 |
| 75 | 17.34 | 39.05 | 28.55 | 241.3 | 0.10 | 0.45 | 1.24 |
| 90 | 16.93 | 39.06 | 28.65 | 219.3 | 0.10 | 0.53 | 1.31 |
| 105 | 16.47 | 39.07 | 28.77 | 217.2 | 0.10 | 0.91 | 1.76 |

STATION NUMBER: G37L00 DATE: 19-10-95
LATITUDE: 36.37` TIME: 18.20
LONGITUDE: 29.00` TOTAL DEPTH: 320.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.02 | 39.31 | 27.21 | 217.4 | 0.06 | 0.24 | 1.76 |
| 10 | 23.01 | 39.31 | 27.21 | 219.1 | 0.05 | 0.16 | 1.83 |
| 30 | 22.95 | 39.32 | 27.23 | 222.4 | 0.05 | 0.12 | 1.63 |
| 53 | 18.72 | 39.01 | 28.16 | 241.5 | 0.04 | 0.16 | 1.37 |
| 75 | 17.67 | 39.03 | 28.45 | 231.5 | 0.05 | 0.13 | 1.37 |
| 100 | 16.74 | 39.07 | 28.71 | 228.9 | 0.05 | 0.47 | 1.50 |
| 150 | 15.67 | 39.07 | 28.96 | 216.7 | 0.06 | 1.51 | 2.16 |
| 200 | 15.03 | 39.03 | 29.08 | 205.0 | 0.08 | 3.25 | 3.46 |
| 250 | 14.47 | 38.94 | 29.13 | 199.2 | 0.14 | 4.72 | 5.29 |
| 300 | 14.16 | 38.89 | 29.16 | 191.0 | 0.15 | 5.32 | 6.80 |

STATION NUMBER: G14L16 DATE: 21-10-95
LATITUDE: 36.14` TIME: 01.31
LONGITUDE: 29.16` TOTAL DEPTH: 275.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 22.94 | 39.26 | 27.19 | 214.1 | 0.02 | 0.45 | 2.28 |
| 10 | 23.13 | 39.35 | 27.21 | 215.0 | 0.02 | 0.31 | 1.85 |
| 25 | 23.15 | 39.40 | 27.24 | 214.9 | 0.02 | 0.13 | 1.23 |
| 50 | 18.78 | 38.89 | 28.06 | 249.4 | 0.02 | 0.11 | 1.11 |
| 75 | 18.09 | 39.01 | 28.33 | 395.0 | 0.02 | 0.09 | 1.17 |
| 100 | 16.68 | 39.05 | 28.71 | 233.1 | 0.02 | 0.24 | 1.23 |
| 150 | 16.02 | 39.07 | 28.88 | 219.0 | 0.02 | 0.87 | 1.54 |
| 200 | 15.28 | 39.06 | 29.04 | 207.0 | 0.02 | 2.43 | 2.65 |
| 250 | 14.50 | 38.95 | 29.13 | 196.7 | 0.12 | 4.52 | 5.00 |

STATION NUMBER: G10L36 DATE: 21-10-95
LATITUDE: 36.10` TIME: 03.47
LONGITUDE: 29.35` TOTAL DEPTH: 195.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.14 | 39.30 | 27.16 | 212.8 | 0.02 | 0.13 | 1.23 |
| 10 | 23.24 | 39.38 | 27.19 | 213.7 | 0.02 | 0.14 | 1.23 |
| 25 | 22.80 | 39.35 | 27.30 | 218.0 | 0.02 | 0.16 | 1.11 |
| 50 | 19.46 | 39.05 | 28.01 | 240.1 | 0.02 | 0.16 | 0.93 |
| 75 | 17.71 | 39.03 | 28.43 | 234.3 | 0.02 | 0.19 | 0.93 |
| 100 | 17.11 | 39.05 | 28.60 | 231.3 | 0.02 | 0.49 | 1.05 |
| 150 | 16.05 | 39.06 | 28.87 | 218.1 | 0.03 | 1.45 | 1.85 |
| 190 | 15.93 | 39.06 | 28.89 | 217.7 | 0.02 | 1.54 | 1.98 |

STATION NUMBER: G14M13 DATE: 22-10-95
LATITUDE: 36.14` TIME: 23.32
LONGITUDE: 30.13` TOTAL DEPTH: 300.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 22.93 | 39.41 | 27.31 | -99 | 0.03 | 0.29 | 1.38 |
| 20 | 22.91 | 39.41 | 27.31 | 214.7 | 0.03 | 0.33 | 1.20 |
| 40 | 21.03 | 39.13 | 27.63 | 238.6 | 0.04 | 0.26 | 1.02 |
| 60 | 18.80 | 39.01 | 28.14 | 240.4 | 0.04 | 0.27 | 1.02 |
| 80 | 17.54 | 39.04 | 28.49 | 234.5 | 0.04 | 0.26 | 1.02 |
| 100 | 16.96 | 39.06 | 28.64 | 230.3 | 0.10 | 0.37 | 1.08 |
| 150 | 15.88 | 39.10 | 28.93 | 217.9 | 0.13 | 1.06 | 1.50 |
| 200 | 15.23 | 39.05 | 29.05 | 206.1 | 0.15 | 2.64 | 2.51 |
| 260 | 14.77 | 39.00 | 29.11 | 199.1 | 0.14 | 4.14 | 3.89 |

STATION NUMBER: G37M37 DATE: 24-10-95
LATITUDE: 36.37` TIME: 05.51
LONGITUDE: 30.37` TOTAL DEPTH: 170.0 m.
SECCHI DISK: 17.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.46 | 39.44 | 27.17 | 206.8 | 0.03 | 0.13 | 1.42 |
| 10 | 23.47 | 39.44 | 27.17 | 210.6 | 0.03 | 0.10 | 1.11 |
| 20 | 23.26 | 39.39 | 27.19 | 213.4 | 0.03 | 0.10 | 1.23 |
| 40 | 23.12 | 39.39 | 27.24 | 214.9 | 0.03 | 0.10 | 1.23 |
| 60 | 21.24 | 39.19 | 27.62 | 233.8 | 0.03 | 0.13 | 1.11 |
| 80 | 18.09 | 39.01 | 28.33 | 237.8 | 0.03 | 0.16 | 1.17 |

STATION NUMBER: G48M41 DATE: 24-10-95
LATITUDE: 36.48` TIME: 07.12
LONGITUDE: 30.41` TOTAL DEPTH: 660.0 m.
SECCHI DISK: 17.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 23.71 | 39.41 | 27.07 | -99 | 0.03 | 0.08 | 1.60 |
| 20 | 23.44 | 39.42 | 27.16 | 211.9 | 0.03 | 0.03 | 1.67 |
| 40 | 23.05 | 39.34 | 27.22 | 215.7 | 0.04 | 0.10 | 1.42 |
| 60 | 21.58 | 39.23 | 27.55 | 225.9 | 0.04 | 0.06 | 1.48 |
| 80 | 18.13 | 39.02 | 28.32 | 235.0 | 0.04 | 0.11 | 1.60 |
| 100 | 17.38 | 39.04 | 28.53 | 234.0 | 0.03 | 0.10 | 1.23 |
| 150 | 16.44 | 39.09 | 28.80 | 222.2 | 0.03 | 0.32 | 1.48 |
| 200 | 15.72 | 39.10 | 28.97 | 212.2 | 0.05 | 1.47 | 2.10 |
| 250 | 15.04 | 39.03 | 29.08 | 200.8 | 0.05 | 3.07 | 3.46 |
| 300 | 14.59 | 38.97 | 29.13 | 195.2 | 0.13 | 4.60 | 5.25 |
| 400 | 14.06 | 38.87 | 29.17 | 189.9 | 0.17 | 5.53 | 7.84 |
| 500 | 13.90 | 38.83 | 29.17 | 185.1 | 0.18 | 5.65 | 9.20 |
| 630 | 13.80 | 38.81 | 29.18 | 182.0 | 0.18 | 5.72 | 9.38 |

STATION NUMBER: G48M59 DATE: 24-10-95
LATITUDE: 36.48` TIME: 09.18
LONGITUDE: 30.59` TOTAL DEPTH: 70.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.93 | 39.37 | 26.98 | -99 | 0.02 | 0.13 | 1.48 |
| 10 | 23.95 | 39.38 | 26.98 | 209.5 | 0.02 | 0.13 | 1.60 |
| 20 | 23.96 | 39.38 | 26.98 | 209.2 | 0.03 | 0.13 | 1.57 |
| 40 | 23.81 | 39.41 | 27.05 | 215.3 | 0.02 | 0.10 | 1.51 |
| 60 | 19.28 | 38.98 | 28.00 | 241.6 | 0.02 | 0.11 | 1.42 |

STATION NUMBER: G46N18 DATE: 24-10-95
LATITUDE: 36.46` TIME: 11.11
LONGITUDE: 31.18` TOTAL DEPTH: 48.0 m.
SECCHI DISK: 10.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.99 | 39.37 | 26.96 | 210.4 | 0.04 | 0.13 | 1.58 |
| 10 | 24.04 | 39.42 | 26.98 | 208.7 | 0.04 | 0.22 | 1.39 |
| 20 | 24.03 | 39.43 | 26.99 | 207.9 | 0.02 | 0.10 | 1.46 |
| 45 | 23.76 | 39.40 | 27.05 | 214.5 | 0.02 | 0.05 | 1.33 |

STATION NUMBER: G28P02 DATE: 24-10-95
LATITUDE: 36.28` TIME: 17.34
LONGITUDE: 32.02` TOTAL DEPTH: 864.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 24.21 | 39.50 | 26.99 | -99 | 0.02 | 0.10 | 1.52 |
| 20 | 24.22 | 39.50 | 26.99 | 208.4 | 0.02 | 0.13 | 1.33 |
| 40 | 24.22 | 39.50 | 26.99 | 208.8 | 0.02 | 0.10 | 1.33 |
| 60 | 21.19 | 39.07 | 27.54 | 240.3 | 0.02 | 0.10 | 1.14 |
| 80 | 18.64 | 38.96 | 28.15 | 246.8 | 0.02 | 0.11 | 0.95 |
| 100 | 17.49 | 39.04 | 28.50 | 238.5 | 0.02 | 0.10 | 0.95 |
| 150 | 16.25 | 39.10 | 28.85 | 221.7 | 0.02 | 0.70 | 1.23 |
| 200 | 15.72 | 39.10 | 28.97 | 207.7 | 0.03 | 1.59 | 1.42 |
| 250 | 15.09 | 39.06 | 29.08 | 203.7 | 0.08 | 3.42 | 1.99 |
| 300 | 14.59 | 38.97 | 29.13 | 193.6 | 0.11 | 4.98 | 4.94 |
| 400 | 14.10 | 38.88 | 29.17 | 190.0 | 0.14 | 5.53 | 7.72 |
| 500 | 13.94 | 38.84 | 29.17 | 188.0 | 0.16 | 5.72 | 8.92 |
| 600 | 13.78 | 38.80 | 29.18 | 185.9 | 0.18 | 5.72 | 9.72 |
| 750 | 13.64 | 38.76 | 29.18 | 184.5 | 0.18 | 5.75 | 10.25 |

STATION NUMBER: G16P11 DATE: 24-10-95
LATITUDE: 36.16` TIME: 19.50
LONGITUDE: 32.11` TOTAL DEPTH: 1100.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.04 | 39.47 | 27.02 | -99 | 0.04 | 0.19 | 1.46 |
| 25 | 24.04 | 39.47 | 27.02 | 209.2 | 0.04 | 0.19 | 1.33 |
| 50 | 24.03 | 39.47 | 27.03 | 215.3 | 0.04 | 0.16 | 1.27 |
| 100 | 17.58 | 39.03 | 28.47 | 235.0 | 0.03 | 0.10 | 1.14 |
| 150 | 16.45 | 39.09 | 28.79 | 224.3 | 0.03 | 0.75 | 1.39 |
| 200 | 15.49 | 39.09 | 29.02 | 212.6 | 0.03 | 1.98 | 2.47 |
| 250 | 15.06 | 39.04 | 29.08 | 203.5 | 0.07 | 3.29 | 3.73 |
| 300 | 14.59 | 38.97 | 29.13 | 194.3 | 0.11 | 4.95 | 6.23 |
| 400 | 14.00 | 38.86 | 29.17 | 187.5 | 0.12 | 5.53 | 8.29 |
| 500 | 13.85 | 38.82 | 29.18 | 183.1 | 0.14 | 5.62 | 8.99 |
| 600 | 13.74 | 38.79 | 29.18 | 185.7 | 0.14 | 5.62 | 9.62 |
| 800 | 13.60 | 38.76 | 29.18 | 184.1 | 0.15 | 5.02 | 10.57 |
| 1100 | 13.54 | 38.74 | 29.18 | 186.0 | 0.15 | 5.59 | 10.70 |

STATION NUMBER: G07Q28 DATE: 26-10-95
LATITUDE: 36.07` TIME: 01.08
LONGITUDE: 33.28` TOTAL DEPTH: 95.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.19 | 39.53 | 27.02 | -99 | 0.02 | 0.07 | 1.44 |
| 20 | 24.19 | 39.53 | 27.02 | 206.4 | 0.02 | 0.06 | 1.44 |
| 40 | 24.19 | 39.53 | 27.02 | 207.4 | 0.02 | 0.06 | 1.38 |
| 60 | 23.85 | 39.51 | 27.11 | 213.0 | 0.02 | 0.06 | 1.25 |
| 70 | 19.39 | 38.92 | 27.92 | 243.5 | 0.02 | 0.09 | 1.00 |
| 80 | 18.22 | 38.87 | 28.18 | 248.3 | 0.02 | 0.06 | 0.94 |
| 90 | 17.52 | 38.87 | 28.37 | 244.8 | 0.02 | 0.07 | 1.00 |

STATION NUMBER: G27S50 DATE: 27-10-95
LATITUDE: 36.27` TIME: 05.17
LONGITUDE: 35.50` TOTAL DEPTH: 72.0 m.
SECCHI DISK: 15.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.16 | 39.41 | 26.94 | -99 | 0.02 | 0.09 | 2.06 |
| 10 | 24.16 | 39.41 | 26.94 | 205.7 | 0.02 | 0.09 | 2.09 |
| 25 | 24.16 | 39.42 | 26.94 | 208.7 | 0.03 | 0.09 | 1.76 |
| 50 | 22.80 | 39.26 | 27.23 | 222.2 | 0.02 | 0.11 | 1.53 |
| 70 | 19.98 | 38.94 | 27.78 | 238.5 | 0.02 | 0.11 | 1.47 |

STATION NUMBER: G35T02 DATE: 27-10-95
LATITUDE: 36.35` TIME: 06.42
LONGITUDE: 36.02` TOTAL DEPTH: 65.0 m.
SECCHI DISK: 11.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.16 | 39.45 | 26.96 | -99 | 0.02 | 0.09 | 2.18 |
| 10 | 24.16 | 39.45 | 26.96 | 201.2 | 0.02 | 0.08 | 2.18 |
| 20 | 24.16 | 39.45 | 26.96 | 200.9 | 0.02 | 0.07 | 2.18 |
| 40 | 24.13 | 39.44 | 26.97 | 205.7 | 0.02 | 0.07 | 2.18 |
| 60 | 22.06 | 39.13 | 27.34 | 207.2 | 0.10 | 0.07 | 2.18 |

STATION NUMBER: G44T05 DATE: 27-10-95
LATITUDE: 36.44` TIME: 08.22
LONGITUDE: 36.05` TOTAL DEPTH: 60.0 m.
SECCHI DISK: 9.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.42 | 39.47 | 26.91 | -99 | 0.02 | 0.04 | 2.31 |
| 10 | 24.32 | 39.47 | 26.93 | 208.5 | 0.02 | 0.04 | 1.95 |
| 25 | 24.30 | 39.47 | 26.94 | 205.5 | 0.02 | 0.06 | 1.95 |
| 50 | 24.29 | 39.47 | 26.94 | 206.2 | 0.02 | 0.04 | 2.01 |

STATION NUMBER: G50S57 DATE: 27-10-95
LATITUDE: 36.50` TIME: 09.24
LONGITUDE: 35.57` TOTAL DEPTH: 44.0 m.
SECCHI DISK: 10.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.45 | 39.47 | 26.90 | -99 | 0.02 | 0.09 | 1.78 |
| 10 | 24.24 | 39.46 | 26.95 | 206.7 | 0.22 | 0.10 | 1.78 |
| 25 | 24.19 | 39.45 | 26.96 | 204.4 | 0.32 | 0.11 | 1.86 |
| 35 | 24.05 | 39.43 | 26.99 | 207.2 | 0.36 | 0.11 | 4.85 |

STATION NUMBER: G43S49 DATE: 27-10-95
LATITUDE: 36.43` TIME: 10.27
LONGITUDE: 35.49` TOTAL DEPTH: 48.0 m.
SECCHI DISK: 13.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.31 | 39.39 | 26.88 | -99 | 0.02 | 0.07 | 1.95 |
| 10 | 24.16 | 39.40 | 26.93 | 210.2 | 0.02 | 0.07 | 2.07 |
| 25 | 24.20 | 39.43 | 26.94 | 208.5 | 0.02 | 0.07 | 2.13 |
| 35 | 24.12 | 39.43 | 26.96 | 207.5 | 0.02 | 0.07 | 2.13 |
| 45 | 22.64 | 39.24 | 27.26 | 208.0 | 0.04 | 0.08 | 2.19 |

STATION NUMBER: G30S37 DATE: 27-10-95
LATITUDE: 36.30` TIME: 12.12
LONGITUDE: 35.37` TOTAL DEPTH: 75.0 m.
SECCHI DISK: 19.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.41 | 39.44 | 26.88 | -99 | 0.02 | 0.36 | 2.01 |
| 10 | 24.25 | 39.43 | 26.93 | 207.2 | 0.02 | 0.08 | 1.92 |
| 25 | 24.22 | 39.43 | 26.94 | 208.2 | 0.02 | 0.22 | 1.89 |
| 35 | 24.05 | 39.46 | 27.01 | 212.3 | 0.04 | 0.07 | 1.24 |
| 50 | 23.54 | 39.39 | 27.11 | 221.7 | 0.03 | 0.29 | 2.37 |
| 65 | 18.57 | 38.91 | 28.13 | 221.1 | 0.02 | 0.41 | 2.78 |

STATION NUMBER: G33S33 DATE: 27-10-95
LATITUDE: 36.33` TIME: 12.48
LONGITUDE: 35.33` TOTAL DEPTH: 10.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.34 | 39.26 | 26.77 | -99 | 0.04 | 0.39 | 3.85 |
| 7 | 23.98 | 39.35 | 26.95 | -99 | 0.05 | 0.48 | 4.08 |

STATION NUMBER: G31S22 DATE: 27-10-95
LATITUDE: 36.31` TIME: 14.09
LONGITUDE: 35.22` TOTAL DEPTH: 18.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.07 | 39.04 | 26.69 | -99 | 0.02 | 0.14 | 3.14 |
| 15 | 24.10 | 39.23 | 26.82 | 211.1 | 0.02 | 0.11 | 2.42 |

STATION NUMBER: G38R58 DATE: 27-10-95
LATITUDE: 36.38` TIME: 16.22
LONGITUDE: 34.58` TOTAL DEPTH: 23.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.80 | 39.40 | 27.04 | -99 | 0.02 | 0.09 | 2.54 |
| 10 | 23.68 | 39.39 | 27.07 | 210.3 | 0.02 | 0.10 | 2.37 |
| 18 | 23.57 | 39.37 | 27.08 | 211.1 | 0.02 | 0.09 | 2.60 |

STATION NUMBER: G42R54 DATE: 27-10-95
LATITUDE: 36.41` TIME: 16.57
LONGITUDE: 34.54` TOTAL DEPTH: 10.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.10 | 39.14 | 27.05 | -99 | 0.02 | 0.11 | 5.21 |

STATION NUMBER: G45R48 DATE: 27-10-95
LATITUDE: 36.45` TIME: 18.32
LONGITUDE: 34.48` TOTAL DEPTH: 10.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.48 | 38.72 | 26.62 | -99 | 0.09 | 0.09 | 0.24 |

STATION NUMBER: G46R44 DATE: 27-10-95
LATITUDE: 36.46` TIME: 18.40
LONGITUDE: 34.44` TOTAL DEPTH: 10.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.48 | 38.72 | 26.62 | -99 | 0.04 | 0.11 | 0.47 |

STATION NUMBER: G46R37 DATE: 27-10-95
LATITUDE: 36.46` TIME: 19.56
LONGITUDE: 34.37` TOTAL DEPTH: 12.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.05 | 38.73 | 26.75 | -99 | 0.11 | 0.16 | 0.47 |

STATION NUMBER: G41R35 DATE: 27-10-95
LATITUDE: 36.41` TIME: 20.49
LONGITUDE: 34.35` TOTAL DEPTH: 48.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.89 | 39.24 | 26.89 | -99 | 0.05 | 0.11 | 0.65 |
| 10 | 23.88 | 39.25 | 26.90 | 217.2 | 0.04 | 0.07 | 0.88 |
| 20 | 23.84 | 39.30 | 26.95 | 216.9 | 0.04 | 0.07 | 0.82 |
| 30 | 23.86 | 39.35 | 26.98 | 213.0 | 0.02 | 0.05 | 1.00 |
| 40 | 23.94 | 39.44 | 27.02 | 210.6 | 0.02 | 0.07 | 1.24 |

STATION NUMBER: G34R22 DATE: 27-10-95
LATITUDE: 36.34` TIME: 22.16
LONGITUDE: 34.22` TOTAL DEPTH: 88.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.60 | 39.53 | 26.89 | -99 | 0.02 | 0.11 | 1.24 |
| 15 | 24.60 | 39.53 | 26.89 | 207.4 | 0.03 | 0.09 | 1.24 |
| 25 | 24.59 | 39.53 | 26.90 | 207.3 | 0.02 | 0.09 | 1.24 |
| 50 | 24.03 | 39.41 | 26.98 | 215.3 | 0.03 | 0.09 | 1.12 |
| 65 | 18.92 | 38.89 | 28.02 | 252.5 | 0.02 | 0.08 | 0.88 |
| 75 | 18.05 | 38.87 | 28.23 | 248.2 | 0.02 | 0.09 | 1.00 |
| 85 | 17.64 | 38.88 | 28.34 | 246.9 | 0.03 | 0.11 | 1.00 |

STATION NUMBER: G17R03 DATE: 28-10-95
LATITUDE: 36.17` TIME: 04.06
LONGITUDE: 34.03` TOTAL DEPTH: 19.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.05 | 39.21 | 26.82 | 206.0 | 0.04 | 0.39 | 2.18 |
| 10 | 24.16 | 39.40 | 26.93 | 213.5 | 0.04 | 0.16 | 1.65 |
| 15 | 24.26 | 39.46 | 26.95 | 211.1 | 0.11 | 0.05 | 1.29 |

STATION NUMBER: G13R00 DATE: 28 10-95
LATITUDE: 36.13` TIME: 05.27
LONGITUDE: 34.00` TOTAL DEPTH: 32.0 m.
SECCHI DISK: 4.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.04 | 39.36 | 26.93 | 211.2 | 0.05 | 0.10 | 1.71 |
| 10 | 24.04 | 39.36 | 26.93 | 210.6 | 0.06 | 0.08 | 2.00 |
| 20 | 24.03 | 39.36 | 26.94 | 209.8 | 0.04 | 0.04 | 1.47 |
| 30 | 24.12 | 39.46 | 26.98 | 207.0 | 0.02 | 0.09 | 1.32 |

STATION NUMBER: G16Q53 DATE: 28-10-95
LATITUDE: 36.16` TIME: 06.45
LONGITUDE: 33.53` TOTAL DEPTH: 35.0 m.
SECCHI DISK: 10.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.21 | 39.53 | 27.01 | 209.4 | 0.02 | 0.09 | 1.82 |
| 10 | 24.19 | 39.53 | 27.02 | 208.3 | 0.02 | 0.09 | 1.76 |
| 20 | 24.18 | 39.53 | 27.03 | 205.3 | 0.02 | 0.10 | 1.94 |
| 30 | 24.09 | 39.52 | 27.04 | 208.6 | 0.02 | 0.11 | 1.88 |

STATION NUMBER: G35T08 DATE: 27-10-95
LATITUDE: 36.35` TIME: 07.21
LONGITUDE: 36.08` TOTAL DEPTH: 23.0 m.
SECCHI DISK: 9.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.11 | 39.45 | 26.98 | -99 | 0.02 | 0.06 | 2.24 |
| 10 | 24.11 | 39.45 | 26.98 | 205.6 | 0.02 | 0.06 | 2.29 |
| 18 | 24.11 | 39.44 | 26.98 | 204.4 | 0.03 | 0.07 | 2.24 |

STATION NUMBER: G41R44 DATE: 27-10-95
LATITUDE: 36.41` TIME: 17.53
LONGITUDE: 34.44` TOTAL DEPTH: 42.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.54 | 38.99 | 26.80 | -99 | 0.27 | 0.11 | 1.53 |
| 15 | 24.20 | 39.40 | 26.91 | 209.6 | 0.05 | 0.10 | 1.47 |
| 25 | 24.04 | 39.46 | 27.01 | 210.0 | 0.07 | 0.10 | 1.24 |
| 40 | 24.02 | 39.46 | 27.02 | 207.2 | 0.05 | 0.09 | 1.24 |

STATION NUMBER: G47R42 DATE: 27-10-95
LATITUDE: 36.47` TIME: 19.23
LONGITUDE: 34.42` TOTAL DEPTH: 8.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.67 | 39.10 | 26.85 | -99 | 0.04 | 0.11 | 0.35 |

STATION NUMBER: G46R35 DATE: 27-10-95
LATITUDE: 36.46` TIME: 20.10
LONGITUDE: 34.35` TOTAL DEPTH: 8.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.02 | 38.74 | 26.77 | -99 | 0.22 | 0.34 | 0.94 |

# MED POL PHASE II
# LONG TERM POLLUTION
# MONITORING PROGRAMME

## NORTHEASTERN MEDITERRANEAN

## 1995
## ANNUAL REPORT

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**ERDEMLİ-İÇEL**

**December 1995**

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*We also thank academic and thecnical staff of the Institute of Marine Sciences/Middle East Technical University and the captain and the crew of R/V Bilim who worked on the present programme.*

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## I.INTRODUCTION

Three oceanographic surveys related to MED POL Phase II Long Term Pollution Monitoring Programme of Mediterranean Action Plan (MAP) were carried out in the Northeastern Mediterranean coastal areas in 1995. The Project could formally start in May 1995 and the first field study was performed in July 1995. The fallowig cruises were in one month interval and the list of all cruises are given in Table 1. As can be seen from the Table sampling frequency was not on a real seasonal base throughout the year.

Table 1. MED-POL Phase II 1995 surveys in the Northeastern Mediterranean

* 1-6 July 1995 (Summer)
* 18-21 September 1995 (Autumn)
* 19-28 October 1995 (Autumn)

Locations of the sampling stations for the above oceanographic cruises are shown in Figure 1.

Parallel to oceanographic cruises, samples were collected from land-based source points such as from the municipal and industrial discharge points and from major river mouths during 12-19 July 1995 and 23 November 1995 periods.

Similar pollution monitoring programme related to MED POL Phase II was organized for Turkish Republic of Northern Cyprus (TRNC) coastal areas. Project Director Prof. İlkay Salihoğlu and Mr. Mehmet Çelik who is the director of Environment in the Ministry of Sport, Youth and Environment of TRNC agreed on this programme (22 August 1995). The study area and the locations of the sampling stations are shown in Figure 2. These stations are located in front of Magosa, Girne and Güzelyurt bay (Yenidalga region) and the reference stations are selected accordingly.

The parameters measured and analyzed in both of the monitoring programmes are give in Appendix 1.

## II. MATERIAL AND METHODS

In the present study totally 12 bio-chemical and pollution parameters were analyzed at samples collected form land-based source points such as from domestic and industrial discharges and from rivers. The methodology used are presented below in summary. International standard methods are used for the measurements of such parameters. (Reference: APHA, AWWA, WPCF, Standard Methods for

Standard Methods for the Examination of Water and Wastewater, 16. Edition, 1985).

1. Total mercury in water ($T\text{-}Hg_W$): Water samples are collected with 500 mL glass (amberlite) bottles (pre-cleaned with chromic acid) and 10 mL of conc. sulphuric acid and 10 mL of %5 $KMnO_4$ solution are added for preservation. If the permanganate color dissapears, more oxidant should be added. 5mL of conc. $HNO_3$ and 10mL of %5 $K_2S_2O_8$ are added into the samples and the samples are hold in 50-60 °C water bath for 7-8 hours. Appropriate amount of NaCl + $HONH_3Cl$ is added for the reduction of extra permanganate after the samples has reached the room temperature. Samples are transferred into the baloons and the mercury is reduced using 10 mL of %1 $NaBH_4$. Inorganic mercury is then amalgamated and analyzed by cold vapor-atomic absorption technique. Standard addition and recovery test are applied during the analysis. Detection limit is determined as 0.3 ng/L for this analysis.

2. Total Cadmium in water ($T\text{-}Cd_W$): Pre-cleaned 100 mL plastic bottles are filled with the waste water and 0.5 mL of conc. nitric acid is added for preservation. The samples are stored in a cool place (refrigerator) until analysis. 40 mL sub-sample is mixed with 10mL $HCl+HNO_3$. Samples are heated at 100 °C for 30 minutes. When the samples have reached to room temperature, they are transferred into volumetric flasks and 0.2 mL of %25 $NH_4NO_3$ is added and the volume is completed to 100 mL with the cold sample. Total cadmium concentration is determined by using flame atomic absorption or carbon rod atomic absorption techniques. After volume correction, concentration of cadmium is calculated. Detection limit is determined as 50 ng/L for this analysis.

3. Total nitrogen (T-N) and Total Oxidized Nitrogen ($NO_3+NO_2$-N): Waste water samples are collected using pre-cleaned plastic bottles and they are stored in a deep freeze until analysis. 15mL sub-sample is trasferred into reaction (glass) flask and 10mL of NaOH+persülfate solution is added as oxidant. 30 min reaction time is allowed to pass during heating and samples are transferred to 50 mL flasks after they have reached to room temperature. Total oxidizable organic nitrogen and ammonia are oxidized to nitrate during this reaction. Standart nitrate analysis method is then applied. First nitrate is reduced to nitrite using cadmium-cupper column in this method. Di-azo complex is formed by using sulphanylamide and the intensity of pink color of this complex is measured using UV-VIS specrophotometer at 520 nm wavelength. Standard calibration is performed using $KNO_3$. The same method is applied for the analysis of nitrate+nitrite in sea water. Technicon II Autoanalyzer is used for this purpose.

4. Total Phosphorus (T-P): Samples are collected with pre-cleaned (with acid) plastic bottles, the pH is reduced down to <2 by the addition of conc. $H_2SO_4$ and stored in a cool place until analysis. 35mL sub-sample is transferred in to heat resistant 50 mL volumetric flask and heated for about 30-40 minutes. pH is adjusted to 8 and the total otho-phosphate concentration is determined. After volume correction total-phosphorus concentration is calculated.

5. Ortho-phosphate (o-$PO_4$-P): Water samples for inorganic phosphate (ortho-phosphate) are collected with pre-cleaned high quality plastic bottles and they are stored in a deep freeze until analysis. According to expected concentration of phosphate, samples are diluted with distilled water after they have reached the room temperature. If the sample contains high quantity of suspended particles, phosphate analysis has to be done after the sample has been filtrated through GF/C filter paper. Application of standard phosphate analysis method results the formation of a blue color phospho-molibdenium complex. Intensity of this color is determined colorimetrically at 880 nm wavelength. $KH_2PO_4$ is used for standard calibration purposes. pH is adjusted to <1 in order to prevent the silicate interference. Autoanalyzer is used for the analysis of ortho-phosphate in sea water.

6. Total Suspended Sediment (TSS): 1-2 liters of water samples are collected with plastic or glass bottles and they are stored in a cool place until filtration. Known volume of samples are filtered through GF/C filter papers (pre-dried at 103 °C and pre-weighted). Filter papers are dried at 103 °C for one night and reweighted. The difference is volume corrected and the results are given in mg/L unit.

7. Biochemical Oxygen Demand ($BOD_5$): Pre-cleaned (with acid and distilled water) glass (amberlite) bottles are used for the waste water sampling and the samples are preserved in a cool place. All steps in the experiment shoul be completed max in 8 hours. First the samples are aerated at least 10 min and they are saturated with oxygen. Appropriate amount of sub-sample is placed in 300 mL BOD bottles and the volume is completed with oxygenated distilled water. The dilution water should have less quantity of BOD and should contain some seeding material for the decomposition of the organic matter in the sample. 1-2 mL/L of filtered (from glass wool) domestic effluent can be used for the seeding purposes. The pH of the dilution water is controlled and the necessary nutrients are added according to Standard method. Dilution water should be aerated 2 hours before the addition. The initial dissolved oxygen concentration is measured (by Winkler titration or by oxygen probe) in one of the parallel samples and the other one is incubated in the dark at 20 °C for 5 days. After the incubation the dissolved oxygen concentration of the samples are measured and subtracted from the initial concentration values. Blank BOD value is also subtracted from the sample concentration and after a volume correction the BOD value is calculated as

mg/L. Minumum value between the initial and final concentration of dissolved oxygen should be at least 2.0 mg/L.

8. Chemical Oxygen Demand (COD): Water samples are collected with pre-cleaned glass bottles. The pH of the sample is reduced by the sulphuric acid addition. Samples are preserved in a cool place until analysis. Appropriate volume (2-20mL) of sub-sample is placed in a baloon. Necessary chemicals ($HgSO_4$, $H_2SO_4$) and 0.25N $K_2Cr_2O_7$ are added. Sample is refluxed for two hours. The amount of Cr(+6) which is not used in the reactions is determined by titration with standart Fe(+2) solution using ferroin indicator. Blank COD value is determined using distilled water. Calculations are done using the equations given in Standard Methods.

9. Polyaromatic Hydrocarbons (PAH): Water sample is collected with 2.5 L glass (amberlite) bottles and 50 mL of nano-grade n-hexane is added into the bottle. PAH is extracted into organic phase and this portion is concentrated (to 10 mL) using rotary evaporator. Fluorescence measurements are done at 310 nm excitation and 360 nm emission wavelengths. Standard calibration is performed using Chrysene standard and the concentration is calculated after volume correction as $\mu$g/L.

10. Halogenated Hydrocarbons (HH): 250 mL waste water is extracted with n-hexane and the extract is concentrated (to 5-10 mL) using rotary evaporator at low temperature. Kudurna-Danish helps to concentrate the solution more (to 1 mL) by flushing the nitrogen gas from the system. First the n-hexane extract is eluted from sodium sulphate and then florasil columns and halogenated hydrocarbons are groupped. Each group is concentrated (to 1 mL) by nitrogen gas flushing. The samles are analyzed by Gas Chromatography with electron capture detector. Standard calibration is done by the known concentrations and halogenated hydrocarbons under the same chromatographic conditions. Both quantitative and qualitative analysis of halogenated hydrocarbon analysis could be done with this technique.

11. Anionic Detergents (DET): Anionic surface active materials such as LAS form a blue complex with methylene blue. The complex salts dissolve in chloroform and the concentration of the detergent in the original sample is proportional the concentration of this blue complex. The intensity of the color is measured colorimetrically at 652 nm wavelength. Methylene blue method is applied for 0.025-100 mg/L LAS concentration range and the min LAS concentration that can be determined with the present method is 0.010 mg/L.

12. Flow rate: Flow rates at land-based source points are not measured. The flow rates of domestic effluents are provided from municipalities and the flow rates of industrial effluents are reported by the related industries. Flow

rates of rivers are regulary measured by the State Hydroulic Works and the necessary information is provided from this office.

In sea water the following parameters are measured using the methods given respectively for each parameter for MED POL Phase II, Northeastern Mediterranean Programme.

1. Depth (D), Salinity(S), Temperature(T), Conductivity (C) and dissoved oxygen (DO) measurements are done on board R/V Bilim using Sea-Bird Model CTD-DO probe and the data is automatically transferred into PC's. Sigma-theta ($\sigma$t, Si-T) is calculated using CTD data.

2. Nutrients: The methods used for the analysis of ortho-phosphate (o-PO4-P) and total oxidized nitrogen ($NO_3$+$NO_2$-N) are the same with the methods used for waste waters. The concentrations of nutrients are quite low in seawater therefore sea water samples are not diluted and they are analyzed using Technicon II Autoanalyzer. Sea water samples are collected into pre-cleaned high quality plastic bottles for reactive Silicate [$Si(OH)_4$-Si] analysis. Glass sampling bottles are never used for this pupose. Sea water samples are kept in a dark and cool place until analysis. Reactive silicate is analyzed by the complexation reaction of molibdate with silicate in acidic medium. Ascorbic acid is used to reduce this complex and to form a blue molibdenium complex and then the intensity of color is measured colorimetrically at 660 nm wavelength using Technicon II Autoanalyzer. Oxalic acid is added for the preventation of the phosphate interference. The detection limits for phosphate, nitrate and silicate are 0.02, 0.05 and 0.3 $\mu$M respectively.

3. Dissolved oxygen (DOw): Parallel to in situ measurements of CTD-DO probe dissolved oxygen concentration in sea water is determined by Winkler titration method. DO is fixed by manganese sulphate and the precpitate is dissolved by acid (sulphuric acid) addition. The iodine formed is titrated with standard tiosulphate solution. Starch is used as an indicator. The analysis should be completed max in two hour. The detection limit is determined as 10 $\mu$M.

4. Petrolum Hydrocarbons (PHC): Dissolved/dispersed Petroleum Hydrocarbon analysis in sea water is similar the analysis of PHC in waste water. 2.5 L of sea water is extracted with 50 mL n-hexane: Extract is concentrated using rotary evaporator and the fluorescence intensity is measured at 310 nm excitation and 360 nm emission wavelengths. Chrysene standard is used for calibration purposes. Qualitative analysis of petroleum hydrocarbons are done by Gas Chromatography. Results are presented as $\mu$g/L.

In suspended sediment, the following parameters are measured using the methods given respectively for each parameter for MED POL Phase II, Northeastern Mediterranean Programme. These methods are very similar to the methods for the same parmeter in sediment samples.

1. Total Mercury (T-$Hg_{TSS}$) and Total Cadmiumum (T-$Cd_{TSS}$) in Suspended Sediment: Sea water sample is filtered through GF/C filter paper and the paper is especially washed with 100 mL double distilled water. Filter papers are kept frozen until analysis. 2 mL of conc. nitric acid is added to filter papers and then suspended sediment is digested in a digestion bomb at 120 °C for 8 hours. Volume of the sample is completed to 25 mL with distilled water. 4 mL of sample is mixed with 1 mL of $SnCl_2$ solution and total mercury is analyzed by using cold vapour-atomic absorption (AAS) techniques. Total cadmium is analyzed by carbon rod-AAS technique. Detection limits for both of the parameters are 1 ng/L.

2. Petroleum Hydrocarbons in Suspended Sediment ($PHC_{TSS}$): The analysis of petroleum hydrocarbons in suspended sediment is very similar the analysis of PHC in sediment. Sea water sample is filtered throug GF/C filter paper and the papers are kept frozen until analysis.

3. Halogeneted Hydrocarbons in suspended sediment ($HH_{TSS}$): Sea water sample is filtered through pre-combusted GF/C filter papers. The method used for the analysis of HH in sediment is applied.

The methods used for the analysis of Total Mercury, Total Cadmium, Lead, Chromium, Polyaromatic Hydrocarbons and Halogeneted Hydrocarbons in sediment samples collected during MED-POL Phase II Northeastern Mediterranean cruises are presented below.

1. Total Mercury (T-$Hg_{SED}$) and Total Cadmium (T-$Cd_{SED}$) in Sediment: Sediment samples are stored in a deep freeze until analysis. At least 1 g of sediment is weighted and by the addition of 3 mL nitric acid, digested in a digestion bomb at 130±5 °C for 8 hours. Volume is completed to 25 mL with distilled water. The following steps are the same with analysis of T-$Hg_{TSS}$ and T-$Cd_{TSS}$. The detection limits for both parameters are determined as 0.3 ng/g (wet weight).

2. Lead ($Pb_{SED}$) and Chromium ($Cr_{SED}$) in sediment: At least 1 g of sediment sample is weighted and by the addition of 3 mL of nitric acid, digested in a digestion bomb at 130±5 °C for 8 hours. The volume is completed to 25 mL with distilled water. Lead is analyzed using carbon rod AAS technique and chromium is analyzed using flame AAS technique at g/g level. The same methods are used for the analysis of lead and chromium in suspended sediment and the results are presented with µg/g unit.

3. Polyaromatic Hydrocarbons ($PAH_{SED}$) and Petroleum Hydrocarbons in sediment ($PHC_{SED}$): First the sediment samples are dried at low temperature (35-40 °C) and pressure. 0.25-0.75 g of sub-sample is refluxed with 20 mL of $C_2H_5OH$ and 0.7 g of KOH mixture for 90 min. The mixture is then extracted with 20 mL of n-hexane. Extraction is repeated step by step with the addition of distilled water and n-hexane and all the extracts are combined at the end. The petroleum hydrocarbon analysis of the final extract is done using spectrofluorometer at 310 nm excitation, 360 nm emission wavelengths. Chrysene is used for standard calibration purposes and the results are presented as µg/g. Similar results are obtained when the sediment samples are soxhelet extracted directly with the n-hexane for 12 hours. Qualitative analysis of PAH and PHC are done using Gas Chromatography.

4. Halogeneted Hydrocarbons ($HH_{SED}$): Known quantity of sediment sample (dried at low pressure and temperature) is soxhelet extracted with n-hexane for 8 hours. The extract is then concentrated to 5-10 mL with rotary evaporator. Kudurna-Danish helps to concentrate the solution more (to 1 mL) by flushing the nitrogen gas from the system. First the n-hexane extract is eluted from sodium sulphate and then florasil columns and halogenated hydrocarbons are groupped. Each group is concentrated (to 1 mL) by nitrogen gas flushing. The samles are analyzed by Gas Chromatography with electron capture detector. Standard calibration is done by the known concentrations of certain halogenated hydrocarbons under the same chromatographic conditions. Both quantitative and qualitative analysis of halogenated hydrocarbon analysis could be done with this technique.

The pollution parameters measured in biota (fish) samples for MED-POL Phase II Northeastern Mediterranean Programme and the methods used for their analysis are given below.

1. Total Mercury ($T\text{-}Hg_{ORG}$) and Total Cadmium ($T\text{-}Cd_{ORG}$) in Biota: At least 1 g of fish flesh or liver is weighted, mixed with 3 mL nitric acid and digested at 120 °C for 8 hours. The total volume is completed to 25 mL. Then the same steps are applied for the analysis of mercury and cadmium in sediment or suspended sediment and mercury is analyzed using cold vapour AAS technique and cadmium is analyzed using carbon rod AAS technique. The detection limits for both parameters are determined as 0.3 ng/g (wet weight).

2. Lead ($Pb_{ORG}$) and Chromium ($Cr_{ORG}$) in Biota: At least 1 g of fish sample is weighted and by the addition of 3 mL of nitric acid, digested in a digestion bomb at 130±5 °C for 8 hours. The volume is completed to 25 mL with distilled water. Lead is analyzed using carbon rod AAS technique and chromium is analyzed using flame AAS technique at g/g level. The same

methods are used for the analysis of lead and chromium in suspended sediment and the results are presented with μg/L unit.

3. Polyaromatic Hydrocarbons ($PAH_{ORG}$) in Biota: Biota samples (flesh or liver) are dried at low temperature (35-40 °C) and pressure. 0.25-0.75 g of sub-sample is refluxed with 20 mL of $C_2H_5OH$ and 0.7 g of KOH mixture for 90 min. The mixture is then extracted with 20 mL of n-hexane. Extraction is repeated step by step with the addition of distilled water and n-hexane and all the extracts are combined at the end. The petroleum hydrocarbon analysis of the final extract is done using spectrofluorometer and 310 nm excitation, 360 nm emission wavelengths are used during measurements. Chrysene is used for standard calibration purposes and the results are presented as μg/g. Similar results are obtained when the fish samples are soxhelet extracted directly with the n-hexane for 12 hours. Qualitative analysis of PAH and PHC are done using Gas Chromatography.

4. Halogeneted Hydrocarbons ($HH_{ORG}$) in Biota: Known quantity of fish sample (dried at low pressure and temperature) is soxhelet extracted with n-hexane for 8 hours. The extract is then concentrated to 5-10 mL with rotary evaporator. Kudurna-Danish helps to concentrate the solution more (to 1 mL) by flushing the nitrogen gas from the system. First the n-hexane extract is eluted from sodium sulphate and then florasil columns and halogenated hydrocarbons are groupped. Each group is concentrated (to 1 mL) by nitrogen gas flushing. The samles are analyzed by Gas Chromatography with electron capture detector. Standard calibration is done by the known concentrations of some halogenated hydrocarbons under the same chromatographic conditions. Both quantitative and qualitative analysis of halogenated hydrocarbon analysis could be done with this technique.

## III. RESULTS AND DISCUSSION

This Annual Report presents the results obtained in the Turkish Mediterranean coastal areas for the Long Term Pollution Monitoring Programme of MED POL Phase II. In the present study standart oceanographic and pollution parameters were measured in different types of matrix such as waste water, sea water, river water, suspended sediment, sediment and biota.

The results of inorganic and organic pollution parameters obtained at land-based source points for July 1995 and November 1995 periods are presented in Table 2. Table 3 includes the results of Petroleum Hydrocarbons ($PHC_W$) in surface waters, Total Suspended Sediment concentration and the concentrations of Total-Mercury, Total-Cadmium, Petroleum Hydrocarbons ($PHC_{TSS}$) and Halogenated Hydrocarbons($HH_{TSS}$) in suspended sediment. The dissolved/dispersed petroleum hydrocarbon concentrations are represented as

Chyrsene equivalent in this Table. On the other hand PHC$_{TSS}$ and HH$_{TSS}$ levels were below the detection limits of the alytical methods used since the concentration of suspended sediment was also low in the Northeastern Mediterranean (Table 3). The concentrations of Total-Mercury, Total-Cadmium, Total-Chromium, Total-Lead, Polyaromatic Hydrocarbons and Halogenated Hydrocarbons in bottom sediment are given in Table 4. Sediment samples were collected during July 1995 cruise and the above parameters are analyzed once a year. Total-Mercury, Total-Cadmium, Total-Chromium, Total-Lead and Polyaromatic Hydrocarbons concentrations determined at selected samples of biota were presented in Table 5. Table 6, 7 and 8 includes the results of standard oceanographic parameters obtained during July 1995, September 1995 and October 1995 cruises respectively. These tables represents the hydrographic data for the water column (e.g. temperature, salinity, density), dissolved oxygen and nutrient concentrations (e.g. ortho-phosphate, nitrate+nitrite and reactive silicate) at standard depths.

## APPENDIX 1. ABBREVIATION

| Parameter | | Symbol | Unit |
|---|---|---|---|
| Depth | | D | m |
| Salinity | | S | ppt,‰ |
| Temperature | | T | °C |
| Conductivity | | C | S/m |
| Sigma-theta | | $\sigma_t$, Sig-T | (dimensionless) |
| Dissolved oxygen | | $DO_W$ | μM |
| Ortho-phosphate | | o-$PO_4$-P | μM |
| Total Phosphorus | | T-P | μM |
| Total Oxidized Nitrogen | | $NO_3$+$NO_2$-N | μM |
| Total Nitrogen | | T-N | μM |
| Reactive Silicate | | $Si(OH)_4$-Si, Si | μM |
| Total Suspended Sediment | | TSS | mg/L |
| Biochemical Oxygen Demand | | $BOD_5$ | mg/L |
| Chemical Oxygen Demand | | COD | mg/L |
| Anionic Detergents | | DET | mg/L |
| Total Mercury | Waste water | $T\text{-}Hg_W$ | ng/L |
| | Susp. sediment | $T\text{-}Hg_{TSS}$ | ng/L |
| | Sediment | $T\text{-}Hg_{SED}$ | ng/g |
| | Organism | $T\text{-}Hg_{ORG}$ | ng/g |
| Total Cadmium | Waste water | $T\text{-}Cd_W$ | ng/L |
| | Susp. sediment | $T\text{-}Cd_{TSS}$ | ng/L |
| | Sediment | $T\text{-}Cd_{SED}$ | ng/g |
| | Organism | $T\text{-}Cd_{ORG}$ | ng/g |
| Total Lead | Sediment | $Pb_{SED}$ | μg/g |
| | Organism | $Pb_{ORG}$ | μg/g |
| Total Cromium | Sediment | $Cr_{SED}$ | μg/g |
| | Organism | $Cr_{ORG}$ | μg/g |
| Polyaromatic Hydrocarbons | Waste water | $PAH_W$ | μg/L |
| | Sediment | $PAH_{SED}$ | μg/g |
| | Organism | $PAH_{ORG}$ | μg/g |
| Petroleum Hydrocarbons | Sea Water | $PHC_W$ | μg/L |
| | Waste water | $PHC_{TSS}$ | μg/L |
| | Sediment | $PHC_{SED}$ | μg/g |
| Halogenated Hydrocarbons | Waste water | $HH_W$ | μg/L |
| | Susp. sediment | $HH_{TSS}$ | μg/L |
| | Sediment | $HH_{SED}$ | μg/g |
| | Organism | $HH_{ORG}$ | μg/g |

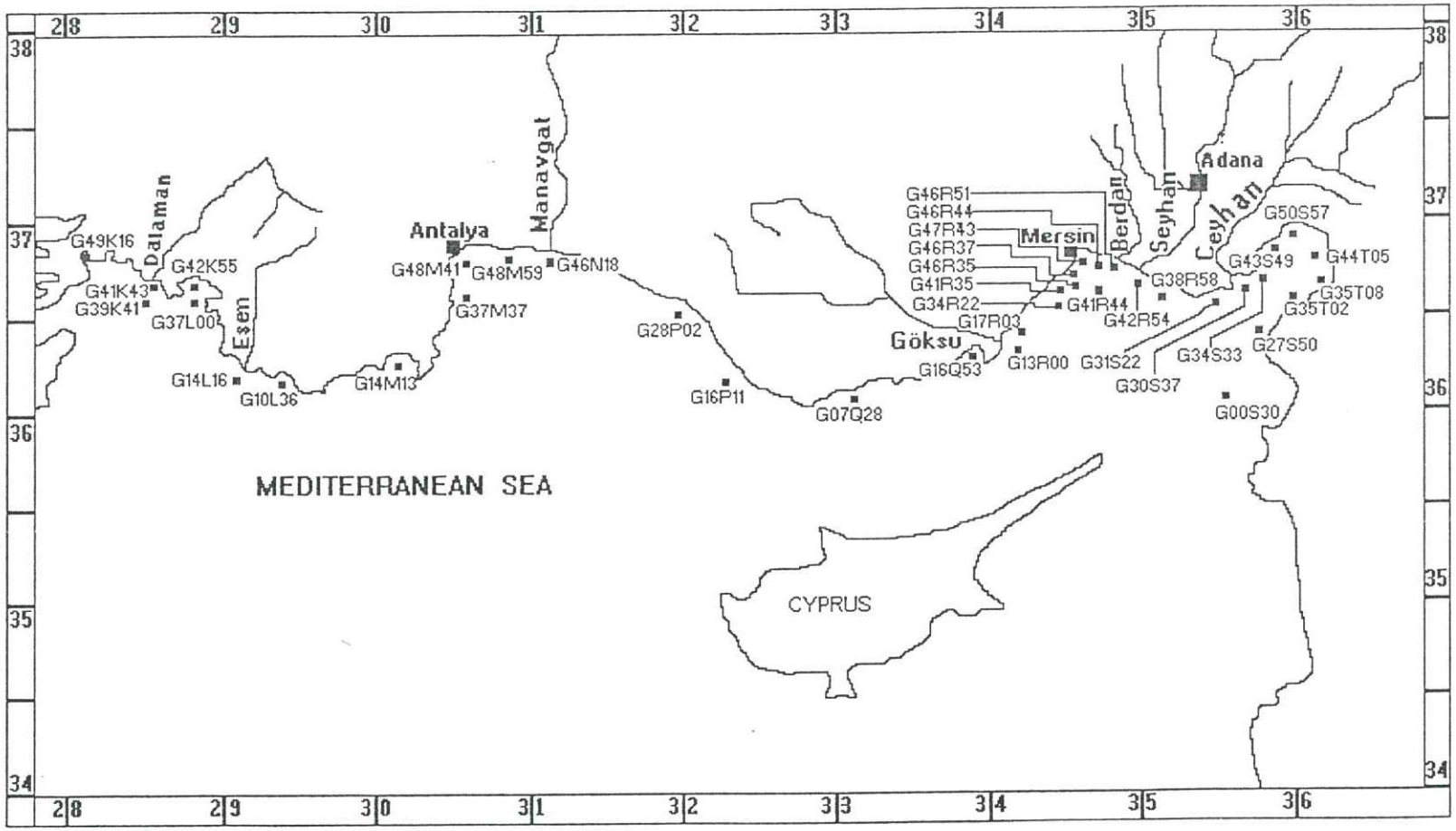


Figure 1. Locations of sampling stations in the Northeastern Mediterranean MED-POL Phase II, 1995

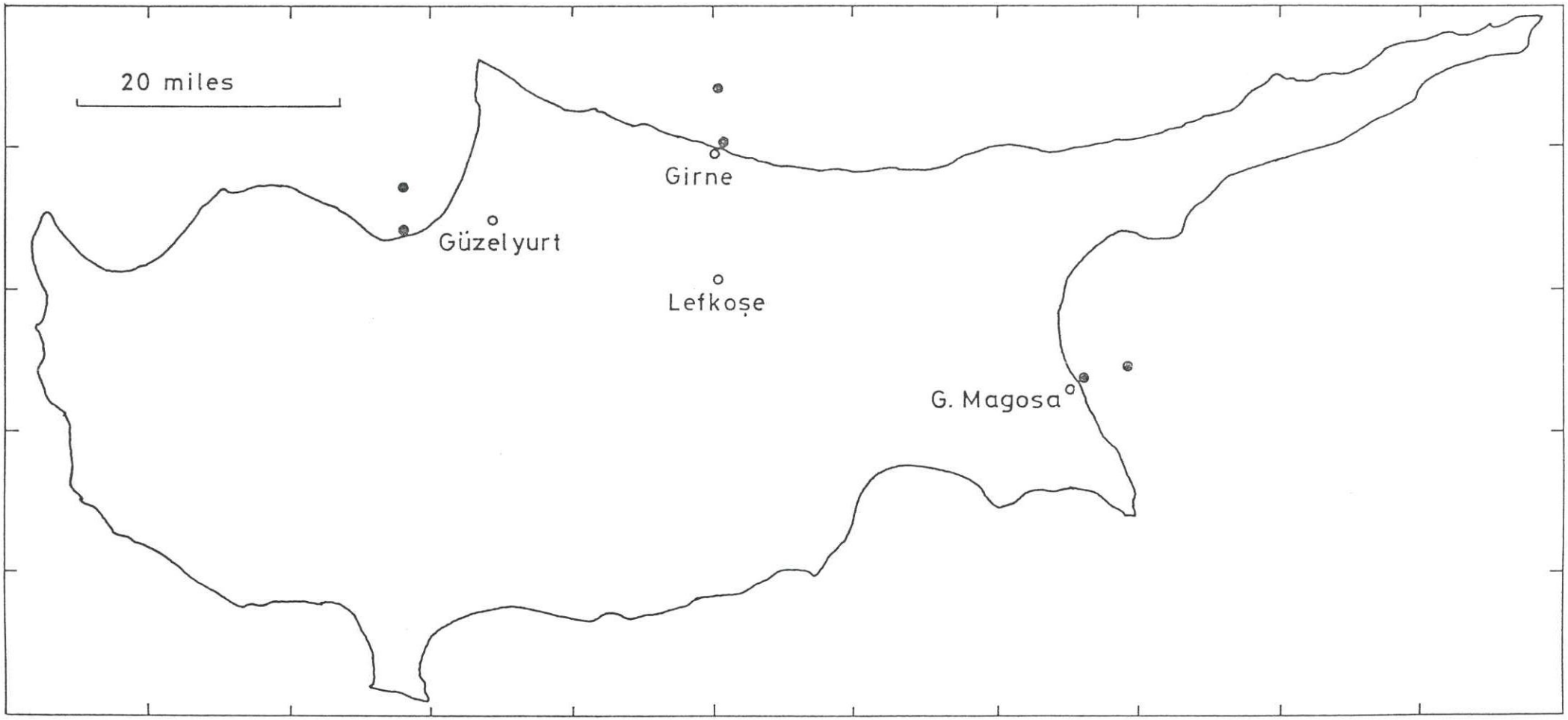


Figure 2. Location of sampling stations in the coastal areas of Turkish Republic of Northern Cyprus

Table 2.a: Parameters measured at Land-based source points.
MED-POL Phase II. Northeastern Medilerranean ,1995

Date: 19 July 1995

| STATION | TSS (mg/L) | o-PO4-P. (uM) | T-P (uM) | NO3+NO2-N. (uM) | T-N (uM) | BOD (mg/L) | COD (mg/L) | DET (mg/L) | T-Hgw (ng/L) | T-Cdw (ng/L) | PAH (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SEKA * Paper and pulp Factorydischarge | 66.0 | - | - | - | - | 323.0 | 588 | - | -- | - | - |
| MERSIN * City discharge | 38.6 | 151.5 | 229.1 | 0.8 | 26.5 | 47.6 | 819 | - | -- | 2.9 | - |
| TOROS Fertilizer Acidic canal | 22.4 | 803.0 | 1588.6 | 102.3 | 607.7 | 12.1 | 79 | - | 12.7 | 2.4 | - |
| TOROS Fertilizer Basic canal | 30.2 | 72.5 | 130.1 | 12.5 | 361.8 | 131.1 | 118 | - | 33.7 | 1.4 | - |
| ISDEMIR Iran and steel. Domestic effluent | 20.8 | 23.0 | 26.2 | 73.9 | 683.5 | 274.8 | 574 | - | 50.9 | 4.6 | - |
| ISDEMIR (Iran and steel. Industrial discharge | 126.5 | 11.5 | 13.7 | 8.5 | 19.7 | 93.2 | 110 | - | 5.5 | 1.3 | - |
| ISKENDERUN City discharge | 66.2 | 36.0 | 71.1 | 4.3 | 230.1 | 216.3 | 898 | - | 37.5 | - | - |

* Mersin Discharge was sampled on 18.July.1995 and SEKA waste water was sampled on 12.July.1995.

Table 2.b: Parameters measured at Land-based source points.
MED-POL Phase II. Northeastern Medilerranean ,1995

Date : 23 November 1995

| STATION | TSS (mg/L) | o-PO4-P. (uM) | T-P (uM) | NO3+NO2-N. (uM) | T-N (uM) | BOD (mg/L) | COD (mg/L) | DET (mg/L) | T-Hgw (ng/L) | T-Cdw (ng/L) | PAH (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SEKA * Paper and pulp Factorydischarge | 100.0 | - | - | - | - | 582.0 | 524 | - | -- | - | - |
| MERSIN City discharge | 244.7 | 77.0 | 150.1 | 2.1 | 777.9 | 165.6 | 1616 | 5.0 | 76.4 | 3.9 | 50.0 |
| BERDAN River | 1031.0 | 6.38. | 23.3 | 64.1 | 131.7 | 3.3 | 120 | 0.3 | 34.2 | N.D | 2.7 |
| SEYHAN River | 152.7 | 4.20. | 7.0 | 48.2 | 63.6 | 2.7 | 64 | 0.2 | 13.4 | - | 1.5 |
| CEYHAN River | 526.0 | 9.56. | 8.0 | 145.5 | 134.7 | 1.3 | 32 | 0.1 | 18.4 | 3.1 | 0.8 |
| TOROS Fertilizer Acidic canal | 49.4 | 13225 | 11558 | 1932 | 3539 | 5.8 | 176 | BDL | 32.0 | 5.6 | 4.9 |
| TOROS Fertilizer Basic canal | 14.2 | 46.5 | 294.6 | 43.2 | 214.1 | 37.7 | 240 | 1.6 | 17.7 | 1.9 | 3.0 |
| ISDEMIR Iran and steel. Domestic effluent | 21.6 | 25.5 | 110.6 | 158.0 | 1481.9 | 95.8 | 576 | 1.3 | 15.9 | 2.4 | 7.2 |
| ISDEMIR Iran and steel Industrial discharge | 67.2 | 78.5 | 74.3 | 263.6 | 51.5 | 125.5 | 184 | 0.1 | 15.0 | 2.9 | 62.0 |
| ISKENDERUN City discharge | 94.0 | 54.0 | 75.6 | 184.1 | 395.8 | 66.9 | 13112. | 3.8 | 8.3 | 4.1 | 46.0 |

* SEKA waste water was sampled on 9.September.1995.

Taple 3.a: Pollution paremeters measured in sea water (surface)and suspendet sedimend. MED-POL Phase II. Northeastern Mediterranean , 1995

Date: 1-6.July.1995

| STATION | PHCw (ug/L) | TSS (mg/L) | PHC-TSS (ug/L) | T-Hg-TSS. (ng/L) | T-Cd-TSS. (ng/L) | HH-TSS (ug/L) |
|---|---|---|---|---|---|---|
| G34R22 | 1.85 | - | BDL | 0.26 | 18.2 | BDL |
| G41R35 | 0.94 | - | BDL | 0.61 | 4.3 | BDL |
| G45R35 | 0.28 | - | BDL | 4.59 | 17.3 | BDL |
| G46R37 | 0.33 | - | BDL | 3.22 | 8.1 | BDL |
| G47R42 | 0.27 | - | BDL | 1.84 | 22.5 | BDL |
| G46R44 | 1.21 | - | BDL | - | 20.6 | BDL |
| G41R44 | 0.71 | - | BDL | 1.64 | 41.1 | BDL |
| G45R49 | 0.49 | - | BDL | 3.22 | 20.6 | BDL |
| G42R54 | 0.25 | - | BDL | 8.2 | 56.2 | BDL |
| G38R58 | 0.35 | - | BDL | 4.93 | ND | BDL |
| G31S22 | 0.10 | - | BDL | 4.52 | 5.4 | BDL |
| G34S33 | 0.10 | - | BDL | 2.19 | 20.4 | BDL |
| G30S37 | 0.09 | - | BDL | ND | 0.04 | BDL |
| G43S49 | 0.11 | - | BDL | ND | ND | BDL |
| G50S57 | 0.10 | - | BDL | ND | 30.7 | BDL |
| G44T05 | 0.16 | - | BDL | 0.82 | 7.1 | BDL |
| G35T08 | 1.00 | - | BDL | - | - | BDL |
| G35T02 | 0.21 | - | BDL | 2.76 | 6.3 | BDL |
| G27T50 | 0.33 | - | BDL | 0.82 | 54.3 | BDL |
| G49K16 | 0.15 | - | BDL | 2.47 | 40.3 | BDL |
| G39K41 | 0.11 | - | BDL | 0.46 | 14.3 | BDL |
| G41K49 | 4.14 | - | BDL | ND | 14.9 | BDL |
| G42K55 | 0.33 | - | BDL | 0.41 | 31.8 | BDL |
| G37L00 | 0.06 | - | BDL | 3.68 | 10.3 | BDL |
| G14L16 | 0.52 | - | BDL | 4.11 | 48.1 | BDL |
| G10L36 | 0.29 | - | BDL | - | 29.2 | BDL |
| G14M13 | 0.16 | - | BDL | 0.41 | 10.0 | BDL |
| G37M37 | 0.13 | - | BDL | 4.14 | 18.4 | BDL |
| G48M41 | 0.23 | - | BDL | ND | 25.5 | BDL |
| G48M59 | 0.10 | - | BDL | 4.59 | ND | BDL |
| G46N18 | 0.08 | - | BDL | 4.59 | ND | BDL |
| G28P02 | 0.13 | - | BDL | 0.41 | 93.2 | BDL |
| G16P11 | 0.31 | - | BDL | 0.40 | 28.0 | BDL |
| G07Q28 | 0.17 | - | BDL | 3.28 | 12.2 | BDL |
| G13R00 | 0.30 | - | BDL | - | 13.3 | BDL |
| G16Q11 | 0.18 | - | BDL | 4.14 | 11.9 | BDL |
| G10N36 | - | - | BDL | 6.17 | - | BDL |

Taple 3.b: Pollution paremeters measured in sea water (surface)and suspendet sedimend. MED-POL Phase II. Northeastern Mediterranean , 1995

Date:18-21.September.1995

| STATION | PHCw (ug/L) | TSS (mg/L) | PHC-TSS (ug/L) | T-Hg-TSS. (ng/L) | T-Cd-TSS. (ng/L) | HH-TSS (ug/L) |
|---|---|---|---|---|---|---|
| G34R22 | 0.05 | 1.34 | BDL | 3.23 | 4.4 | BDL |
| G41R35 | 0.05 | 1.65 | BDL | 1.74 | 10.6 | BDL |
| G45R35 | 0.12 | 0.49 | BDL | 1.66 | 9.1 | BDL |
| G46R37 | 1.30 | 5.46 | BDL | 4.22 | 49.1 | BDL |
| G47R42 | 0.45 | 5.42 | BDL | 4.31 | 22.7 | BDL |
| G46R44 | 0.25 | 11.26 | BDL | 4.22 | 33.3 | BDL |
| G41R44 | 0.34 | 10.80 | BDL | 2.31 | 19.6 | BDL |
| G45R49 | 0.27 | 10.16 | BDL | 0.90 | 45.5 | BDL |
| G42R54 | 0.03 | 12.20 | BDL | 4.34 | 63.7 | BDL |
| G38R58 | - | 27.20 | BDL | 0.43 | 36.1 | BDL |
| G31S22 | 0.23 | 3.08 | BDL | 3.47 | 16.3 | BDL |
| G33S33 | 0.05 | 17.35 | BDL | 3.23 | 25.3 | BDL |
| G30S37 | 0.03 | 5.48 | BDL | - | - | BDL |
| G43S49 | 0.74 | 6.90 | BDL | 3.47 | 622.2 | BDL |
| G50S57 | 0.16 | 19.00 | BDL | 0.65 | 14.4 | BDL |
| G44T05 | <0.01 | 23.00 | BDL | 0.52 | 6.1 | BDL |
| G35T08 | <0.01 | 7.18 | BDL | 3.47 | 322.9 | BDL |
| G35T02 | 0.18 | 5.18 | BDL | 1.69 | 27.4 | BDL |
| G27T50 | 1.36 | 6.02 | BDL | 2.89 | ND | BDL |
| G49K16 | - | 5.04 | BDL | 1.99 | 14.1 | BDL |
| G39K41 | <0.01 | 4.12 | BDL | 1.53 | 9.7 | BDL |
| G41K43 | 0.05 | 4.08 | BDL | 5.07 | 9.0 | BDL |
| G49K55 | 0.27 | 4.34 | BDL | 1.80 | ND | BDL |
| G37L00 | - | 5.02 | BDL | 3.80 | 21.1 | BDL |
| G14L16 | <0.01 | 2.04 | BDL | 1.69 | 11.5 | BDL |
| G10L36 | 0.24 | 1.62 | BDL | 0.56 | 47.1 | BDL |
| G14M13 | 0.01 | 4.82 | BDL | 3.59 | 6.4 | BDL |
| G37M37 | 0.02 | 4.48 | BDL | 2.69 | ND | BDL |
| G48M41 | 0.05 | 1.40 | BDL | 1.29 | 5.0 | BDL |
| G48M59 | 0.03 | 5.46 | BDL | 1.44 | 37.9 | BDL |
| G46N18 | <0.01 | 2.04 | BDL | 4.31 | 3.7 | BDL |
| G28P02 | <0.01 | 5.44 | BDL | 3.59 | 25.4 | BDL |
| G16P11 | 0.08 | 5.06 | BDL | 1.63 | 11.6 | BDL |
| G07Q28 | 0.14 | 7.00 | BDL | - | - | BDL |
| G13R00 | 0.16 | 2.65 | BDL | 2.82 | 17.9 | BDL |
| G16Q53 | 0.02 | 9.48 | BDL | 2.41 | ND | BDL |
| G17R03 | 0.10 | 3.00 | BDL | 2.11 | 12.9 | BDL |

Taple 3.c: Pollution paremeters measured in sea water (surface)and suspendet sedimend. MED-POL Phase II. Northeastern Mediterranean , 1995

Date: 19-28.October.1995

| STATION | PHCw (ug/L) | TSS (mg/L) | PHC-TSS (ug/L) | T-Hg-TSS (ng/L) | T-Cd-TSS (ng/L) | HH-TSS (ug/L) |
|---|---|---|---|---|---|---|
| G34R22 | 0.03 | 1.74 | BDL | - | 3.8 | BDL |
| G41R35 | 0.79 | 2.73 | BDL | 1.38 | 15.3 | BDL |
| G46R35 | 0.59 | 8.87 | BDL | 1.83 | 16.5 | BDL |
| G46R37 | 0.17 | 8.43 | BDL | 1.45 | 7.3 | BDL |
| G47R42 | 0.43 | 10.00 | BDL | 0.43 | 8.4 | BDL |
| G46R44 | 0.05 | 5.67 | BDL | 2.69 | 40.8 | BDL |
| G41R44 | 0.03 | 4.92 | BDL | 0.43 | 3.8 | BDL |
| G45R48 | 0.05 | 5.97 | BDL | 7.81 | 17.7 | BDL |
| G42R54 | 0.09 | 5.78 | BDL | 0.58 | 3.1 | BDL |
| G38R58 | - | 4.66 | BDL | 0.58 | 3.4 | BDL |
| G31S22 | 0.07 | 4.38 | BDL | 1.08 | 43.6 | BDL |
| G33S33 | 0.29 | 10.63 | BDL | 1.74 | 6.8 | BDL |
| G30S37 | - | - | BDL | 1.79 | ND | BDL |
| G43S49 | <0.01 | 4.26 | BDL | 1.45 | ND | BDL |
| G50S57 | 0.26 | 2.03 | BDL | 0.36 | ND | BDL |
| G44T05 | 0.13 | 1.16 | BDL | 0.58 | 4.5 | BDL |
| G35T08 | 0.22 | 1.80 | BDL | 1.80 | 16.4 | BDL |
| G33T02 | 0.07 | 1.34 | BDL | 0.29 | 11.8 | BDL |
| G27T50 | 0.54 | 5.40 | BDL | 0.61 | 12.7 | BDL |
| G14L16 | 0.08 | 1.10 | BDL | 0.57 | 5.9 | BDL |
| G39K41 | 0.13 | 1.14 | BDL | 1.23 | 3.3 | BDL |
| G41K43 | <0.01 | 1.18 | BDL | 1.31 | 3.4 | BDL |
| G42K55 | <0.01 | 1.22 | BDL | 0.74 | 2.1 | BDL |
| G37L00 | 0.22 | 1.56 | BDL | 0.99 | 2.1 | BDL |
| G49K16 | 0.18 | 1.24 | BDL | 0.61 | 11.9 | BDL |
| G10L36 | <0.01 | 0.64 | BDL | 0.74 | 11.5 | BDL |
| G14M15 | 0.22 | 6.12 | BDL | ND | 5.2 | BDL |
| G37M37 | 0.52 | 4.48 | BDL | ND | 13.2 | BDL |
| G48M41 | 0.37 | 1.24 | BDL | 0.37 | 11.7 | BDL |
| G48M59 | 0.40 | 0.80 | BDL | 1.16 | 6.2 | BDL |
| G46N18 | 0.46 | 4.58 | BDL | 1.08 | 32.6 | BDL |
| G28P02 | 0.10 | 0.92 | BDL | 0.87 | 8.5 | BDL |
| G16P11 | 0.35 | 4.32 | BDL | 1.16 | 2.7 | BDL |
| G07Q28 | 0.18 | 0.86 | BDL | 0.61 | 7.8 | BDL |
| G13R00 | 0.32 | 7.33 | BDL | 0.87 | 18.7 | BDL |
| G16Q53 | - | 7.37 | BDL | 0.87 | 28.0 | BDL |
| G17R03 | 0.24 | 7.80 | BDL | 0.43 | 0.9 | BDL |

Table 4: Polluton parameters measured in sedimend samples collected on 1-6 July 1995 (a) and 19-28 Octeber 1995 (b).(Metals are presented as wet weight and PAH,HH are presented as dry weight).

| STATION | T-Hg(SED) (ng/g) | T-Cd(SED) (ng/g) | Pb (SED) (ug/g) | Cr (SED) (ug/g) | PAH(SED) (ug/g) | HH (SED) LN | HH (SED) BHC (ng/g) | HH (SED) ALD |
|---|---|---|---|---|---|---|---|---|
| G46K19 (b) MARMARIS(38m) | - | - | - | - | 2.61 | - | - | 0.10 |
| G39K41 Sarigerme | Sediment could not be collected, total depth was 545 m. | | | | | | | |
| G41K43 Dalaman river. | Sediment sample could not be collected in frond of river mouth . | | | | | | | |
| G42K55 (a) Gocek (111m) | 29.2 | 133.2 | 11.9 | - | 0.86 | - | - | - |
| G37L00 Fethiye | Sediment could not be collected, total depth was 321 m. | | | | | | | |
| G14K16 Patara | Sediment could not be collected, total depth was 266 m. | | | | | | | |
| G10L36 (b) Kas (195 m) | - | - | - | - | 0.69 | 0.20 | - | - |
| G14M13 Finike | Sediment could not be collected, total depth was 264 m. | | | | | | | |
| G37M37 Kemer (180 m) | 41.4 | 394.8 | 18.4 | - | 1.90 | 0.11 | - | - |
| G48M41 Antalya | Sediment could not be collected, total depth was 600 m. | | | | | | | |
| G48M59 (a) Kumkoy (71m) | 24.1 | 599.3 | 9.4 | 0.041 | 2.00 | 0.23 | - | - |
| G46N18 (a) Manavgat(47m) | 16.2 | 402.1 | 10.0 | - | 3.00 | - | - | - |
| G28P02 Alanya | Sediment could not be collected, total depth was 850 m. | | | | | | | |
| G16P11 Gazipasa | Sediment could not be collected, total depth was 1000 m. | | | | | | | |
| G07Q28 (a) Karatepe(97m) | - | - | - | - | 2.70 | - | - | - |
| G17Q53 (a) Tasucu (28m) | 22.5 | 187.5 | 6.9 | - | 1.74 | 0.22 | - | - |
| G13R00 (a) Incekum (32 m) | - | 751.5 | - | - | 1.00 | - | - | - |

| | T-Hg(SED) (ng/g) | T-Cd(SED) (ng/g) | Pb (SED) (ug/g) | Cr (SED) (ug/g) | PAH(SED) (ug/g) | HH (SED) LN (ng/g) | HH (SED) BHC (ng/g) | HH (SED) ALD (ng/g) |
|---|---|---|---|---|---|---|---|---|
| G17R03 (a) Goksu river | 18.0 | 1064.1 | 9.0 | 0.32 | 4.8 | 0.28 | 1.99 | 1.26 |
| G34R22 (a) Erdemli(94 m) | 15.4 | 624.5 | 11.1 | 0.080 | 2.0 | 0.38 | - | 1.26 |
| G46R37 (a) Lamas river (15 m) | 405.6 | 551.9 | 9.6 | 0.054 | 4.2 | - | - | - |
| G41R35 (b) Mersin (50 m) | 47.0 | 644.2 | 16.2 | 0.93 | 2.8 | - | - | - |
| G46R44 (a) Kazanli(13 m) | 18.9 | 475.8 | 11.7 | 0.065 | - | - | - | 0.02 |
| G45R49 (a) Tarsus river 12 m) | 37.4 | 128.2 | 17.0 | - | - | 0.58 | 2.06 | 0.78 |
| G42R54 (b) Seyhan river (10m) | 39.9 | 613.1 | 14.5 | 0.086 | 3.0 | 0.67 | 1.98 | 1.18 |
| G38R58 (a) Tuzla (26 m) | 11.7 | 399.1 | 13.2 | 0.068 | 2.2 | 0.42 | - | 0.12 |
| G31S22 (a) Karatas(17 m) | 26.8 | 246.7 | 7.5 | 0.056 | - | - | - | - |
| G34S33 (a) Ceyhan river (10m) | 3.1 | 54.6 | 7.9 | - | 1.75 | 0.63 | - | 0.90 |
| G30S37 (a) Ceyhan (73 m) | 36.8 | 142.0 | 12.2 | - | 4.6 | 0.61 | - | - |
| G43S39 (a) Yumurtalik (46 m) | 38.7 | 129.5 | 14.6 | - | 3.0 | 0.36 | - | - |
| G50S57 (a) Golovasi(42m) | 33.8 | 136.9 | 10.5 | - | - | 0.19 | 1.17 | 0.85 |
| G44T05 (a) Payas (57 m) | 14.3 | 190.7 | 10.6 | - | - | - | - | - |
| G35T02 (a) Iskenderun | 17.0 | 442.5 | 5.1 | 0.11 | - | - | - | 0.07 |
| G27T50 (a) Ulucinar | 29.5 | 117.4 | 8.6 | - | - | 0.36 | - | 1.16 |
| G35T08 (a) Iskenderun City discharge | 14.1 | 443.8 | 4.5 | 0.15 | 4.0 | - | - | - |
| G45R35 (a) Mersin City discharge | 22.4 | 346.2 | 7.9 | - | - | - | - | - |

*$\alpha, \beta, \gamma$ -BHC(Lindane),Heptaclor,Aldrin,Heptaclorepoksit,pp'DDE, Dialdrin Endrin, pp'DDD, pp'DDT, op'DDD ve op'DDT pesticides are analyzed in the sediment samples. The concetration values above the detection limits are presented in this Tabl

Table 5: Pollution parameters measured in bota MED-POL
Pehase II. Northeastern Mediterranean , 1995

| DATE | CATCHMENT AREA | FH | T-Hg ORG (ng/g) | T-Cd ORG (ng/g) | Pb ORG (ug/g) | Cr ORG (ug/g) | PAH ORG (ug/g) |
|---|---|---|---|---|---|---|---|
| 25.MAY.1995 | Tirtar-Mersin | (flesh) Solea Solea | 86.0 | 0.2 | ND | 51.4 | - |
| | | (flesh) Sardine | - | - | - | - | - |
| | | (flesh) Mugil auratus | 19.3 | 19.5 | 54.5 | 87.5 | - |
| 2. JUN .1995 | Mersin | (flesh) Sardine | 38.9 | ND | ND | 61.5 | - |
| 8. JUN .1995 | Limonlu | (flesh) Mugil auratus | 15.8 | 11.3 | 19.6 | 42.4 | - |
| 18-19.JUN 1995 | Manavgat | (flesh) Solea Solea | - | ND | 241.2 | 63.9 | - |
| | | (flesh) Mullus barbatus | - | ND | 430.3 | 66.7 | - |
| 29.SEPTEMBER 1995 | Mersin | (flesh) Mullus barbatus | 164.5 | 6.5 | ND | 54.8 | 2.52 |
| | | (liver) Mullus barbatus | - | - | - | - | 7.00 |
| | | Shrimp (flesh) | 97.0 | - | - | - | 4.15 |
| | | (flesh) Solea Solea | 254.1 | 15.2 | 81.9 | 68.6 | 1.17 |
| | | (liver) Solea Solea | - | - | - | - | 18.6 |
| | | (flesh) Mugil auratus | 28.9 | 10.4 | 50.3 | 55.2 | 0.80 |
| | | (flesh) Mugil auratus | - | - | - | - | 2.97 |
| | | (flesh) Sardine | 36.2 | 9.4 | 69.4 | 59.1 | 1.88 |

Table 6: Standart oceanographic parameters measured in sea water. MED-POL Phase II, Northeastern Mediterranean, 1-6 July 1995

STATION NUMBER: G34R22 DATE: 01-07-95
LATITUDE: 36.34` TIME: 07:00
LONGITUDE: 34.22` TOTAL DEPTH: 94.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.98 | 38.99 | 25.73 | -99 | 0.03 | 0.39 | 0.91 |
| 10 | 26.79 | 39.21 | 25.96 | -99 | 0.03 | 0.26 | 1.05 |
| 25 | 24.18 | 41.27 | 28.34 | -99 | 0.03 | 0.23 | 1.19 |
| 50 | 18.94 | 39.01 | 28.10 | -99 | 0.03 | 0.23 | 1.68 |
| 75 | 18.19 | 38.96 | 28.26 | -99 | 0.03 | 0.23 | 1.82 |
| 90 | 18.05 | 38.97 | 28.30 | -99 | 0.06 | 0.39 | 0.95 |

STATION NUMBER: G41R35 DATE: 01-07-95
LATITUDE: 36.41` TIME: 08:30
LONGITUDE: 34.35` TOTAL DEPTH: 50.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.58 | 38.52 | 25.19 | 204.6 | 0.02 | 0.46 | 1.96 |
| 10 | 27.09 | 38.76 | 25.53 | 203.9 | 0.03 | 0.33 | 0.91 |
| 25 | 26.02 | 38.91 | 25.98 | 220.8 | 0.02 | 0.33 | 0.98 |
| 50 | 20.92 | 38.98 | 27.55 | 228.2 | 0.02 | 0.29 | 0.94 |

STATION NUMBER: G46R37 DATE: 01-07-95
LATITUDE: 36.46` TIME: 09:35
LONGITUDE: 34.37` TOTAL DEPTH:15.0 m.
SECCHI DISK: 2,5 m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.16 | 38.31 | 24.84 | 213.5 | 0.08 | 0.72 | 3.08 |
| 13 | 27.88 | 38.61 | 25.16 | 193.5 | 0.11 | 0.62 | 2.87 |

STATION NUMBER: G47R42 DATE: 01-07-95
LATITUDE: 36.47` TIME: 10:05
LONGITUDE: 34.42` TOTAL DEPTH: 12.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 28.50 | 38.18 | 24.62 | 211.0 | 0.03 | 0.39 | 4.41 |

STATION NUMBER: G46R44 DATE: 01=07-95
LATITUDE: 36.46` TIME: 10:20
LONGITUDE: 34.44` TOTAL DEPTH: 13.0 m.
SECCHI DISK: 2 m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.17 | 37.91 | 24.53 | 207.9 | 0.03 | 0.26 | 3.57 |
| 10 | 27.83 | 38.20 | 24.86 | 175.5 | 0.09 | 1.44 | 4.90 |

STATION NUMBER: G45R49 DATE: =07-95/1
LATITUDE: 36.44` TIME: :41
LONGITUDE: 34.49` TOTAL DEPTH: 12.0 m.
SECCHI DISK: 1,5 m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.05 | 38.57 | 25.07 | 203.6 | 0.03 | 0.23 | 3.08 |
| 10 | 27.68 | 38.67 | 25.27 | 251.3 | 0.09 | 0.29 | 2.73 |

STATION NUMBER: G38R58 DATE: 01=07-95
LATITUDE: 36.38` TIME: 13:00
LONGITUDE: 34.58` TOTAL DEPTH: 26.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.08 | 38.80 | 25.56 | 210.7 | 0.03 | 0.11 | 1.12 |
| 10 | 26.71 | 38.99 | 25.82 | 205.4 | 0.03 | 0.10 | 0.98 |
| 25 | 24.63 | 39.00 | 26.48 | 212.9 | 0.03 | 0.13 | 1.54 |

STATION NUMBER: G31S22 DATE: 01=07-95
LATITUDE: 36.31` TIME: 15:20
LONGITUDE: 35.22` TOTAL DEPTH: 17.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 26.84 | 39.24 | 25.97 | 206.5 | 0.06 | 0.15 | 0.98 |
| 10 | 26.67 | 39.23 | 26.01 | 201.5 | 0.04 | 0.13 | 1.19 |
| 15 | 26.53 | 39.21 | 26.05 | 201.7 | 0.04 | 0.13 | 1.40 |

STATION NUMBER: G34S33 DATE: 01=07-95
LATITUDE: 36.33` TIME: 16:30
LONGITUDE: 35.33` TOTAL DEPTH: 10.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.30 | 38.72 | 25.43 | 205.4 | 0.04 | 0.11 | 2.31 |
| 8 | 26.81 | 39.17 | 25.93 | 202.5 | 0.04 | 0.13 | 2.17 |

STATION NUMBER: G30S37 DATE: 01=07-95
LATITUDE: 36.30` TIME: 17:15
LONGITUDE: 35.37` TOTAL DEPTH: 73.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 2 | 26.74 | 39.23 | 25.99 | 203.2 | 0.03 | 0.11 | 0.98 |
| 10 | 26.69 | 39.23 | 26.01 | 202.5 | 0.03 | 0.26 | 0.98 |
| 25 | 26.50 | 39.23 | 26.07 | 204.1 | 0.03 | 0.10 | 1.01 |
| 50 | 25.99 | 39.20 | 26.21 | 216.2 | 0.03 | 0.10 | 1.61 |
| 70 | 19.29 | 38.87 | 27.91 | 229.0 | 0.11 | 0.10 | -99 |

STATION NUMBER: G43S49 DATE: 01=07-95
LATITUDE: 36.43` TIME: 19:25
LONGITUDE: 35.49` TOTAL DEPTH: 46.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.66 | 38.50 | 25.47 | 204.5 | 0.05 | 0.20 | 1.68 |
| 10 | 26.70 | 38.57 | 25.51 | 202.9 | 0.04 | 0.20 | 2.13 |
| 25 | 26.61 | 38.69 | 25.62 | 204.9 | 0.03 | 0.16 | 1.26 |
| 45 | 24.45 | 38.98 | 26.52 | 217.1 | 0.03 | 0.10 | 1.05 |

STATION NUMBER: G50S57 DATE: 01=07-95
LATITUDE: 36.50` TIME: 20:12
LONGITUDE: 35.57` TOTAL DEPTH: 42.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.86 | 37.30 | 24.50 | 339.0 | 0.05 | 0.33 | 0.63 |
| 10 | 25.31 | 38.44 | 25.85 | 200.4 | 0.04 | 0.10 | 1.75 |
| 25 | 26.50 | 38.63 | 25.62 | 204.8 | 0.04 | 0.11 | 1.54 |
| 40 | 24.56 | 38.94 | 26.46 | 202.0 | 0.04 | 0.10 | 1.05 |

STATION NUMBER: G44T05 DATE: 01=07-95
LATITUDE: 36.44` TIME: 21:40
LONGITUDE: 36.05` TOTAL DEPTH: 57.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.12 | 38.32 | 25.19 | 202.0 | 0.02 | 0.29 | 1.54 |
| 10 | 26.89 | 38.54 | 25.42 | 206.5 | 0.02 | 0.16 | 1.05 |
| 25 | 26.94 | 38.81 | 25.61 | 208.1 | 0.02 | 0.46 | 1.19 |
| 40 | 24.91 | 39.09 | 26.47 | 212.4 | 0.03 | 0.26 | 0.98 |
| 58 | 23.42 | 38.97 | 26.83 | 217.2 | 0.02 | 0.23 | 0.91 |

STATION NUMBER: G35T02 DATE: 01=07-95
LATITUDE: 36.35` TIME: 23:58
LONGITUDE: 36.02` TOTAL DEPTH: 64.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 27.45 | 38.66 | 25.33 | 201.0 | 0.04 | 0.23 | 0.84 |
| 10 | 27.32 | 38.74 | 25.43 | 212.2 | 0.03 | 0.16 | 0.98 |
| 25 | 26.60 | 39.24 | 26.04 | 206.8 | 0.03 | 0.16 | 0.98 |
| 50 | 24.74 | 39.10 | 26.52 | 223.0 | 0.02 | 0.13 | 1.12 |
| 60 | 21.31 | 38.88 | 27.37 | 224.8 | 0.02 | 0.16 | 2.17 |

STATION NUMBER: G27T50 DATE: 02=07-95
LATITUDE: 36.27` TIME: 01:23
LONGITUDE: 35.50` TOTAL DEPTH: 72.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.65 | 39.16 | 25.97 | 203.5 | 0.04 | 0.21 | 1.26 |
| 10 | 26.68 | 39.20 | 25.99 | 211.8 | 0.04 | 0.16 | 1.19 |
| 25 | 26.51 | 39.22 | 26.06 | 206.7 | 0.09 | 0.16 | 1.26 |
| 50 | 25.50 | 39.16 | 26.33 | 209.9 | 0.04 | 0.13 | 1.05 |
| 70 | 18.93 | 39.00 | 28.10 | 234.0 | 0.04 | 0.16 | 1.40 |

STATION NUMBER: G49K16 DATE: 04=07-95
LATITUDE: 36.49` TIME: 06:46
LONGITUDE: 28.16` TOTAL DEPTH: 38.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 20.47 | 39.06 | 27.74 | 253.6 | 0.04 | 0.07 | 1.61 |
| 5 | 20.39 | 39.06 | 27.75 | 257.8 | 0.03 | 0.09 | 1.47 |
| 10 | 19.05 | 39.07 | 28.12 | 260.4 | 0.03 | 0.06 | 1.47 |
| 20 | 18.73 | 39.07 | 28.21 | 253.4 | 0.03 | 0.06 | 1.40 |
| 25 | 18.37 | 39.07 | 28.30 | 252.0 | 0.03 | 0.09 | 1.54 |
| 34 | 18.07 | 39.06 | 28.37 | 257.3 | 0.03 | 0.09 | 1.75 |

STATION NUMBER: G39K41 DATE: 04=07-95
LATITUDE: 36.39` TIME: 09:21
LONGITUDE: 28.41` TOTAL DEPTH: 545.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.07 | 39.12 | 26.75 | 229.0 | 0.03 | 0.26 | 1.33 |
| 10 | 23.12 | 39.10 | 27.01 | 231.0 | 0.03 | 0.10 | 1.19 |
| 25 | 19.35 | 39.07 | 28.04 | 255.7 | 0.04 | 0.20 | 1.19 |
| 50 | 17.35 | 39.07 | 28.56 | 246.6 | 0.04 | 0.10 | 1.05 |
| 75 | 17.14 | 39.07 | 28.61 | 242.0 | 0.04 | 0.11 | 1.19 |
| 100 | 16.98 | 39.07 | 28.65 | 237.7 | 0.04 | 0.09 | 1.12 |
| 125 | 16.75 | 39.08 | 28.71 | 239.7 | 0.04 | 0.209 | 1.19 |
| 200 | 16.05 | 39.11 | 28.90 | 225.8 | 0.04 | 0.749 | 1.47 |
| 250 | 15.61 | 39.10 | 29.00 | 227.9 | 0.04 | 1.629 | 2.10 |
| 300 | 14.88 | 39.02 | 29.10 | 212.7 | 0.09 | 3.279 | 3.36 |
| 400 | 14.14 | 38.89 | 29.16 | 201.2 | 0.18 | 5.179 | 6.36 |
| 500 | 13.91 | 38.83 | 29.17 | 205.0 | 0.22 | 5.349 | 7.76 |

STATION NUMBER: G41K49 DATE: 04=07-95
LATITUDE: 36.41` TIME: 10:01
LONGITUDE: 28.43` TOTAL DEPTH: 320.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.91 | 39.12 | 26.49 | 220.6 | 0.03 | 0.14 | 1.75 |
| 10 | 24..11 | 39.16 | 26.76 | 235.5 | 0.03 | 0.09 | 1.61 |
| 25 | 19.37 | 39.06 | 28.03 | 250.8 | 0.03 | 0.11 | 1.12 |
| 50 | 17.66 | 39.06 | 28.48 | 251.5 | 0.03 | 0.14 | 1.12 |
| 75 | 17.35 | 39.06 | 28.55 | 252.2 | 0.03 | 0.14 | 1.12 |
| 100 | 17.05 | 39.07 | 28.63 | 243.3 | 0.03 | 0.14 | 1.15 |
| 125 | 16.81 | 39.08 | 28.69 | 243.9 | 0.03 | 0.26 | 1.26 |
| 200 | 16.28 | 39.10 | 28.84 | 221.1 | 0.03 | 0.69 | 1.54 |
| 250 | 15.59 | 39.10 | 29.00 | 221.0 | 0.04 | 1.70 | 2.24 |
| 300 | 14.74 | 38.99 | 29.11 | 207.9 | 0.09 | 3.82 | 4.45 |

STATION NUMBER: G42K55 DATE: 04=07-95
LATITUDE: 36.41` TIME: 12:35
LONGITUDE: 28.55` TOTAL DEPTH: 111.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 2 | 24.83 | 38.93 | 26.37 | 237.0 | 0.04 | 0.52 | 1.12 |
| 5 | 24.39 | 38.99 | 26.55 | 234.4 | 0.03 | 0.17 | 3.92 |
| 10 | 23.55 | 38.97 | 26.78 | 249.2 | 0.03 | 0.11 | 2.24 |
| 25 | 20.27 | 39.05 | 27.79 | 252.6 | 0.03 | 0.11 | 1.61 |
| 50 | 18.48 | 39.06 | 28.26 | 248.7 | 0.03 | 0.13 | 1.54 |
| 75 | 17.54 | 39.07 | 28.51 | 241.1 | 0.03 | 0.14 | 1.61 |
| 100 | 17.10 | 39.07 | 28.62 | 241.0 | 0.14 | 5.06 | 1.54 |

STATION NUMBER: G37L00 DATE: 04=07-95
LATITUDE: 36.37` TIME: 13:27
LONGITUDE: 29.00` TOTAL DEPTH: 321.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.85 | 39.21 | 26.57 | 218.0 | 0.03 | 0.32 | 1.26 |
| 10 | 23.94 | 39.17 | 26.82 | 223.6 | 0.02 | 0.14 | 1.19 |
| 25 | 20.72 | 39.04 | 27.66 | 252.0 | 0.03 | 0.17 | 1.05 |
| 50 | 18.26 | 39.05 | 28.31 | 245.8 | 0.03 | 0.11 | 1.05 |
| 75 | 17.66 | 39.06 | 28.47 | 250.5 | 0.03 | 0.11 | 1.05 |
| 100 | 17.34 | 39.06 | 28.55 | 247.9 | 0.03 | 0.14 | 1.05 |
| 125 | 16.91 | 39.08 | 28.67 | 242.9 | 0.03 | 0.17 | 1.12 |
| 200 | 15.89 | 39.12 | 28.94 | 227.9 | 0.04 | 0.12 | 1.75 |
| 250 | 15.00 | 39.03 | 29.09 | 207.5 | 0.06 | 2.96 | 3.43 |
| 300 | 14.55 | 38.96 | 29.13 | 200.8 | 0.11 | 3.37 | 5.31 |

STATION NUMBER: G14L16 DATE: 04=07-95
LATITUDE: 36.14` TIME: 16:35
LONGITUDE: 29.16` TOTAL DEPTH: 266.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.16 | 38.99 | 26.62 | 226.8 | 0.02 | 0.40 | 1.25 |
| 10 | 22.84 | 39.02 | 27.03 | 225.6 | 0.02 | 0.14 | 1.33 |
| 25 | 20.76 | 39.04 | 27.64 | 249.0 | 0.02 | 0.17 | 1.19 |
| 50 | 17.98 | 39.06 | 28.39 | 251.1 | 0.02 | 0.20 | 1.12 |
| 75 | 17.49 | 39.06 | 28.52 | 252.7 | 0.02 | 0.26 | 1.98 |
| 100 | 16.82 | 39.07 | 28.69 | 244.4 | 0.02 | 0.29 | 1.19 |
| 125 | 16.79 | 39.08 | 28.70 | 242.4 | 0.02 | 1.12 | 1.12 |
| 200 | 15.88 | 39.12 | 28.95 | 233.3 | 0.02 | 1.11 | 1.75 |
| 250 | 15.42 | 39.09 | 29.03 | 236.3 | 0.04 | 2.10 | 2.38 |

STATION NUMBER: G10L36 DATE: 04=07-95
LATITUDE: 36.10` TIME: 18:34
LONGITUDE: 29.36` TOTAL DEPTH: 200.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.65 | 38.94 | 26.43 | 237.1 | 0.02 | 0.14 | 1.47 |
| 10 | 24.59 | 38.97 | 26.48 | 225.6 | 0.02 | 0.16 | 1.54 |
| 25 | 23.28 | 38.97 | 26.87 | 241.0 | 0.02 | 0.16 | 1.40 |
| 50 | 18.55 | 39.06 | 28.24 | 252.5 | 0.02 | 0.14 | 1.05 |
| 75 | 17.60 | 39.06 | 28.49 | 254.1 | 0.02 | 0.20 | 1.05 |
| 100 | 17.18 | 39.07 | 28.60 | 250.8 | 0.02 | 0.20 | 1.12 |
| 125 | 16.70 | 39.09 | 28.73 | 237.4 | 0.02 | 0.46 | 1.47 |
| 175 | 16.57 | 39.09 | 28.76 | 233.4 | 0.02 | 0.66 | 1.82 |

STATION NUMBER: G14M13 DATE: 04=07-95
LATITUDE: 36.14` TIME: 22:49
LONGITUDE: 30.13` TOTAL DEPTH: 264.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.71 | 38.77 | 25.97 | 223.6 | 0.03 | 0.60 | 1.96 |
| 10 | 23.58 | 38.96 | 26.77 | 239.6 | 0.03 | 0.10 | 1.18 |
| 25 | 20.83 | 39.03 | 27.61 | 246.5 | 0.03 | 0.11 | 1.05 |
| 50 | 18.80 | 39.04 | 28.16 | 248.0 | 0.02 | 0.11 | 0.98 |
| 75 | 18.07 | 39.04 | 28.35 | 248.4 | 0.02 | 0.09 | 0.98 |
| 100 | 17.63 | 39.05 | 28.47 | 253.1 | 0.02 | 0.11 | 0.98 |
| 125 | 17.10 | 39.07 | 28.62 | 245.6 | 0.02 | 0.11 | 0.98 |
| 200 | 15.93 | 39.12 | 28.94 | 234.5 | 0.03 | 1.21 | 1.68 |
| 250 | 15.45 | 39.09 | 29.03 | 221.5 | 0.04 | 2.18 | 2.31 |

STATION NUMBER: G37M37 DATE: 05-07-95
LATITUDE: 36.37` TIME: 13:30
LONGITUDE: 36.37` TOTAL DEPTH: 180.0m..
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.82 | 38.77 | 25.62 | 206.6 | 0.02 | 0.14 | 8.18 |
| 10 | 26.23 | 38.90 | 25.91 | 221.2 | 0.02 | 0.09 | 1.54 |
| 25 | 21.61 | 38.94 | 27.33 | 242.5 | 0.02 | 0.03 | 1.12 |
| 50 | 18.83 | 39.02 | 28.14 | 238.6 | 0.02 | 0.03 | 1.18 |
| 75 | 18.03 | 39.03 | 28.36 | 243.1 | 0.02 | 0.06 | 1.12 |
| 100 | 17.48 | 39.05 | 28.51 | 240.6 | 0.02 | 0.09 | 1.18 |
| 125 | 16.94 | 39.07 | 28.66 | 242.5 | 0.02 | 0.24 | 1.40 |
| 150 | 16.77 | 39.08 | 28.71 | 209.1 | 0.02 | 0.14 | 1.54 |

STATION NUMBER: G48M41 DATE: 05-07-95
LATITUDE: 36.48` TIME: 15:00
LONGITUDE: 30.41` TOTAL DEPTH: 600.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.83 | 38.60 | 25.49 | 202.0 | 0.02 | 0.09 | 2.17 |
| 10 | 25.63 | 38.93 | 26.12 | 204.2 | 0.02 | 0.06 | 1.75 |
| 25 | 22.52 | 38.95 | 27.08 | 230.2 | 0.02 | 0.03 | 1.12 |
| 50 | 19.47 | 39.03 | 27.98 | 231.8 | 0.02 | 0.06 | 1.12 |
| 100 | 17.51 | 39.05 | 28.50 | 231.0 | 0.02 | 0.37 | 1.12 |
| 125 | 17.07 | 39.07 | 28.63 | 237.1 | 0.02 | 0.57 | 1.12 |
| 150 | 16.80 | 39.09 | 28.70 | 238.4 | 0.02 | 0.80 | 1.18 |
| 200 | 16.05 | 39.12 | 28.91 | 227.9 | 0.02 | 1.12 | 1.68 |
| 250 | 15.40 | 39.10 | 29.05 | 215.0 | 0.05 | 2.30 | 1.82 |
| 300 | 14.74 | 39.01 | 29.12 | 202.9 | 0.10 | 4.43 | 2.80 |
| 400 | 14.07 | 38.87 | 29.17 | 208.1 | 0.16 | 5.92 | 4.55 |
| 500 | 13.89 | 38.83 | 29.17 | 211.2 | 0.18 | 6.26 | 7.48 |

STATION NUMBER: G48M59 DATE: 05-07-95
LATITUDE: 36.48` TIME: 17:00
LONGITUDE: 30.59` TOTAL DEPTH: 71.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.71 | 39.02 | 26.16 | 221.8 | 0.02 | 0.10 | 1.10 |
| 5 | 25.73 | 39.05 | 26.18 | 219.8 | 0.02 | 0.09 | 1.10 |
| 10 | 25.54 | 39.17 | 26.33 | 220.5 | 0.02 | 0.09 | 1.03 |
| 25 | 20.84 | 39.02 | 27.60 | 243.0 | 0.02 | 0.09 | 1.10 |
| 50 | 18.75 | 39.02 | 28.16 | 226.6 | 0.02 | 0.14 | 1.08 |

STATION NUMBER: G46N18 DATE: 05-07-95
LATITUDE: 36.46` TIME: 18:43
LONGITUDE: 31.18` TOTAL DEPTH: 47.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.89 | 38.75 | 25.90 | 214.9 | 0.03 | 0.23 | 1.18 |
| 5 | 25.84 | 38.98 | 26.09 | 219.5 | 0.02 | 0.14 | 1.10 |
| 10 | 25.13 | 39.02 | 26.35 | 237.0 | 0.02 | 0.14 | 1.10 |
| 25 | 20.24 | 39.03 | 27.77 | 235.3 | 0.02 | 0.16 | 1.32 |
| 47 | 18.58 | 39.02 | 28.20 | 245.4 | 0.02 | 0.14 | 1.29 |

STATION NUMBER: G28P02 DATE: 06-07-95
LATITUDE: 36.28` TIME: 01:12
LONGITUDE: 32.02` TOTAL DEPTH: 850.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.03 | 39.13 | 25.83 | 210.2 | 0.02 | 0.20 | 0.81 |
| 10 | 24.89 | 39.04 | 26.43 | 229.3 | 0.02 | 0.19 | 0.81 |
| 25 | 21.22 | 39.00 | 27.48 | 246.6 | 0.04 | 0.22 | 0.81 |
| 50 | 19.35 | 39.03 | 28.01 | 248.9 | 0.02 | 0.20 | 0.88 |
| 100 | 17.44 | 39.07 | 28.53 | 248.6 | 0.02 | 0.23 | 0.81 |
| 125 | 17.06 | 39.07 | 28.63 | 243.0 | 0.02 | 0.23 | 0.81 |
| 150 | 16.84 | 39.08 | 28.69 | 221.2 | 0.02 | 0.43 | 0.88 |
| 200 | 16.20 | 39.11 | 28.87 | 222.9 | 0.05 | 0.83 | 1.32 |
| 250 | 15.52 | 39.10 | 29.02 | 207.1 | 0.04 | 2.04 | 1.84 |
| 400 | 14.16 | 38.90 | 29.17 | 186.7 | 0.14 | 5.09 | 7.89 |
| 500 | 13.94 | 38.84 | 29.17 | 191.4 | 0.14 | 5.11 | 7.95 |
| 750 | 13.68 | 38.78 | 29.18 | 184.4 | 0.16 | 5.49 | 7.85 |

STATION NUMBER: G16P11 DATE: 06-07-95
LATITUDE: 36.16` TIME: 03154
LONGITUDE: 32.11` TOTAL DEPTH: 1000.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.16 | 39.05 | 25.72 | 198.5 | 0.03 | 0.10 | 0.81 |
| 10 | 25.58 | 39.03 | 26.21 | 218.1 | 0.03 | 0.10 | 0.88 |
| 25 | 22.99 | 39.02 | 26.99 | 196.8 | 0.03 | 0.16 | 0.96 |
| 50 | 18.94 | 39.02 | 28.11 | 246.6 | 0.03 | 0.14 | 1.03 |
| 100 | 17.33 | 39.03 | 28.53 | 240.0 | 0.03 | 0.13 | 1.03 |
| 150 | 16.77 | 39.08 | 28.71 | 225.1 | 0.03 | 0.26 | 1.18 |
| 200 | 16.16 | 39.11 | 28.88 | 212.8 | 0.04 | 0.86 | 1.54 |
| 250 | 15.65 | 39.12 | 29.00 | 199.0 | 0.05 | 1.84 | 2.10 |
| 500 | 13.94 | 38.84 | 29.17 | 197.3 | 0.15 | 5.20 | 7.94 |
| 750 | 13.69 | 38.78 | 29.18 | 194.4 | 0.16 | 5.37 | 9.63 |
| 850 | 13.64 | 38.77 | 29.18 | 195.9 | 0.17 | 5.40 | 9.93 |
| 1000 | 13.58 | 38.75 | 29.18 | 188.0 | 0.22 | 5.40 | 10.07 |

STATION NUMBER: G07Q28 DATE: 06-07-95
LATITUDE: 36.07` TIME: 11:28
LONGITUDE: 33.28` TOTAL DEPTH: 97.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.32 | 39.00 | 25.64 | 208.2 | 0.02 | 0.09 | 1.25 |
| 5 | 27.25 | 39.12 | 25.74 | 204.9 | 0.02 | 0.14 | 1.25 |
| 10 | 27.00 | 39.08 | 25.80 | 186.2 | 0.02 | 0.12 | 1.32 |
| 25 | 26.67 | 39.10 | 25.92 | 206.0 | 0.04 | 0.14 | 1.25 |
| 50 | 22.06 | 39.03 | 27.27 | 220.7 | 0.03 | 0.11 | 1.32 |
| 75 | 19.16 | 38.98 | 28.03 | 211.2 | 0.02 | 0.10 | 1.25 |
| 90 | 18.12 | 39.00 | 28.31 | -99 | 0.16 | 0.23 | 1.25 |

STATION NUMBER: G11R04 DATE: 06-07-95
LATITUDE: 36.11` TIME: 14:34
LONGITUDE: 34.04` TOTAL DEPTH: 230.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.32 | 39.27 | 25.83 | 219.1 | 0.04 | 0.08 | 1.03 |
| 5 | 27.13 | 39.27 | 25.90 | 239.6 | 0.03 | 0.03 | 0.96 |
| 10 | 26.88 | 39.25 | 25.96 | 240.4 | 0.05 | 0.03 | 1.03 |
| 25 | 22.86 | 39.06 | 27.06 | 252.2 | 0.03 | 0.03 | 1.03 |
| 50 | 18.81 | 39.00 | 28.14 | -99 | 0.03 | 0.03 | 1.03 |
| 75 | 17.54 | 39.01 | 28.46 | -99 | 0.03 | 0.03 | 1.02 |
| 100 | 16.91 | 39.09 | 28.68 | -99 | 0.02 | 0.17 | 1.40 |
| 125 | 16.69 | 39.09 | 28.73 | -99 | 0.05 | 0.20 | 1.32 |
| 150 | 16.48 | 39.10 | 28.79 | -99 | 0.03 | 0.13 | 1.47 |
| 175 | 16.18 | 39.12 | 28.88 | -99 | 0.04 | 1.02 | 1.54 |
| 200 | 15.46 | 39.11 | 29.04 | -99 | 0.07 | 2.97 | 1.67 |

STATION NUMBER: G17R03 DATE: 06-07-95
LATITUDE: 36.17` TIME: 16:05
LONGITUDE: 34.03` TOTAL DEPTH: 22.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.11 | 38.58 | 25.39 | 226.0 | 0.03 | 1.22 | 4.34 |
| 5 | 26.49 | 38.91 | 25.83 | 218.4 | 0.04 | 0.11 | 1.99 |
| 10 | 26.09 | 38.95 | 25.99 | 221.7 | 0.03 | 0.20 | 1.91 |
| 15 | 25.66 | 38.99 | 26.15 | 223.9 | 0.04 | 0.12 | 1.99 |
| 20 | 24.30 | 39.07 | 26.64 | 222.9 | 0.04 | 0.07 | 1.99 |

STATION NUMBER: G17Q53 DATE: :06-07-9
LATITUDE: 36.17` TIME: /19:5
LONGITUDE: 33.53` TOTAL DEPTH: 28.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.22 | 38.84 | 25.22 | 223.8 | 0.06 | 0.29 | 0.81 |
| 5 | 28.21 | 38.84 | 25.22 | 209.2 | 0.06 | 0.29 | 0.96 |
| 10 | 26.51 | 38.97 | 25.87 | 231.4 | 0.05 | 0.26 | 1.32 |
| 15 | 25.92 | 39.02 | 26.10 | 222.2 | 0.05 | 0.26 | 1.18 |
| 20 | 25.50 | 39.01 | 26.22 | 226.9 | 0.06 | 0.29 | 1.40 |
| 25 | 24.55 | 39.05 | 26.54 | 229.4 | 0.07 | 0.49 | 1.62 |

STATION NUMBER: G45R35 DATE: 01-07-95
LATITUDE: 36.45` TIME: 09:10
LONGITUDE: 34.35` TOTAL DEPTH: 16.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.12 | 38.36 | 24.88 | 215.9 | 0.03 | 0.49 | 2.87 |
| 15 | 27.84 | 38.61 | 25.17 | 200.6 | 0.07 | 0.39 | 2.66 |

STATION NUMBER: G47R42 DATE: 01-07-95
LATITUDE: 36.47` TIME: 10:05
LONGITUDE: 34.42` TOTAL DEPTH: 12.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 28.50 | 38.18 | 24.62 | 211.0 | 0.03 | 0.39 | 4.41 |

STATION NUMBER: G41R44 DATE: 01=07-95
LATITUDE: 36.41` TIME: 10:56
LONGITUDE: 34.44` TOTAL DEPTH: 45.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.43 | 38.92 | 25.53 | 202.4 | 0.05 | 0.21 | 0.84 |
| 10 | 25.91 | 40.08 | 26.90 | 208.9 | 0.04 | 0.07 | 1.05 |
| 25 | 22.77 | 39.01 | 27.05 | 229.4 | 0.03 | 0.03 | 0.98 |
| 45 | 21.12 | 38.96 | 27.48 | 209.6 | 0.03 | 0.03 | 1.19 |

STATION NUMBER: G35T08 DATE: 01=07-95
LATITUDE: 36.35` TIME: 23:20
LONGITUDE: 36.08` TOTAL DEPTH: 25.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 27.51 | 38.63 | 25.29 | 204.3 | 0.02 | 0.16 | 1.01 |
| 10 | 26.71 | 38.88 | 25.74 | 206.1 | 0.02 | 0.13 | 1.05 |
| 25 | 26.48 | 39.16 | 26.03 | 205.9 | 0.02 | 0.13 | 1.19 |

Table 7: Standart oceanographic parameters measured in sea water. MED-POL Phase II, Northeastern Mediterranean, 18-22 September 1995

STATION NUMBER: G16Q53 DATE: 18-09-95
LATITUDE: 36.16` TIME: 15:45
LONGITUDE: 33.53` TOTAL DEPTH: 35.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.35 | 39.50 | 25.67 | -99 | 0.04 | 0.53 | 2.05 |
| 5 | 28.35 | 39.50 | 25.67 | 201.8 | 0.03 | 0.13 | 1.85 |
| 10 | 28.35 | 39.50 | 25.67 | 199.8 | 0.02 | 0.13 | 1.99 |
| 20 | 28.35 | 39.50 | 25.67 | 199.6 | 0.02 | 0.13 | 1.85 |
| 25 | 28.35 | 39.50 | 25.67 | 209.9 | 0.03 | 0.13 | 1.78 |
| 30 | 28.35 | 39.50 | 25.67 | 206.7 | 0.02 | 0.17 | 1.85 |

STATION NUMBER: G13R00 DATE: 18-09-95
LATITUDE: 36.13` TIME: 16:51
LONGITUDE: 34.00` TOTAL DEPTH: 36.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.36 | 39.39 | 25.58 | 205.0 | 0.03 | 0.20 | 1.51 |
| 10 | 28.36 | 39.39 | 25.58 | 207.1 | 0.02 | 0.17 | 1.71 |
| 20 | 28.36 | 39.39 | 25.58 | 205.7 | 0.02 | 0.32 | 1.71 |
| 30 | 28.31 | 39.39 | 25.60 | 203.8 | 0.05 | 0.23 | 1.99 |

STATION NUMBER: G17R03 DATE: 18-09-95
LATITUDE: 36.17` TIME: 17:30
LONGITUDE: 34.03` TOTAL DEPTH: 22.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.43 | 39.06 | 25.31 | 205.2 | 0.03 | 0.48 | 2.95 |
| 7 | 28.42 | 39.12 | 25.36 | 198.5 | 0.03 | 0.38 | 2.33 |
| 20 | 28.37 | 39.37 | 25.56 | 203.2 | 0.11 | 0.33 | 1.85 |

STATION NUMBER: G34R22 DATE: 18-09-95
LATITUDE: 36.34` TIME: 20:20
LONGITUDE: 34.22` TOTAL DEPTH: 91.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.43 | 39.46 | 25.61 | 199.8 | 0.02 | 0.21 | 1.44 |
| 9 | 28.43 | 39.46 | 25.61 | 198.0 | 0.02 | 0.19 | 1.58 |
| 24 | 28.43 | 39.46 | 25.61 | 200.2 | 0.02 | 0.19 | 2.33 |
| 49 | 23.10 | 39.02 | 26.96 | 256.5 | 0.02 | 0.17 | 1.37 |
| 79 | 17.90 | 38.96 | 28.34 | 239.6 | 0.02 | 0.30 | 2.40 |
| 89 | 17.46 | 39.00 | 28.47 | 222.2 | 0.03 | 0.75 | 3.29 |

STATION NUMBER: G41R35 DATE: 18-09-95
LATITUDE: 36.41` TIME: 22:05
LONGITUDE: 34.35` TOTAL DEPTH: 49.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.53 | 39.22 | 25.40 | 201.6 | 0.04 | 0.17 | 2.47 |
| 10 | 28.55 | 39.31 | 25.46 | 202.4 | 0.03 | 0.17 | 2.88 |
| 20 | 28.40 | 39.46 | 25.63 | 199.6 | 0.02 | 0.14 | 1.78 |
| 30 | 28.28 | 39.46 | 25.66 | 208.3 | 0.02 | 0.14 | 1.85 |
| 45 | 25.94 | 39.20 | 26.23 | 209.1 | 0.02 | 0.16 | 2.67 |

STATION NUMBER: G46R37 DATE: 18-09-95
LATITUDE: 36.46` TIME: 22:54
LONGITUDE: 34.37` TOTAL DEPTH: 15.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.95 | 38.01 | 24.68 | 202.5 | 0.32 | 0.70 | 4.04 |
| 13 | 28.48 | 39.33 | 25.50 | 175.7 | 0.13 | 0.59 | 3.49 |

STATION NUMBER: G46R44 DATE: 18-09-95
LATITUDE: 36.46` TIME: 23:50
LONGITUDE: 34.44` TOTAL DEPTH: 13.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.64 | 38.78 | 25.03 | 205.2 | 0.04 | 0.45 | 5.34 |
| 10 | 28.66 | 38.81 | 25.05 | 208.3 | 0.05 | 0.52 | 6.51 |

STATION NUMBER: G45R48 DATE: 19-09-95
LATITUDE: 36.45` TIME: 00:23
LONGITUDE: 34.48` TOTAL DEPTH: 12.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.72 | 38.62 | 24.88 | 208.1 | 0.19 | 1.42 | 11.92 |
| 10 | 28.70 | 39.17 | 25.30 | 200.1 | 0.19 | 1.42 | 13.84 |

STATION NUMBER: G41R54 DATE: 19-09-95
LATITUDE: 36.41` TIME: 02:01
LONGITUDE: 34.54` TOTAL DEPTH: 14.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.75 | 38.99 | 25.15 | 200.4 | 0.06 | 0.31 | 6.10 |
| 10 | 28.75 | 39.09 | 25.23 | 196.0 | 0.06 | 0.47 | 6.64 |
| 20 | 28.75 | 39.09 | 25.23 | 192.4 | 0.06 | 0.35 | 6.44 |

STATION NUMBER: G38R58 DATE: 19-09-95
LATITUDE: 36.38` TIME: 02:45
LONGITUDE: 34.58` TOTAL DEPTH: 26.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.41 | 39.31 | 25.51 | 195.8 | 0.05 | 0.50 | 2.47 |
| 10 | 28.46 | 39.33 | 25.50 | 198.7 | 0.05 | 0.93 | 3.36 |
| 20 | 28.44 | 39.33 | 25.51 | 194.8 | 0.04 | 0.62 | 3.36 |

STATION NUMBER: G31S22 DATE: 19-09-95
LATITUDE: 36.31` TIME: 05:04
LONGITUDE: 35.22` TOTAL DEPTH: 17.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.22 | 39.26 | 25.53 | 205.2 | 0.05 | 1.20 | 3.01 |
| 5 | 28.22 | 39.26 | 25.53 | 199.4 | 0.04 | 0.43 | 3.08 |
| 10 | 28.22 | 39.26 | 25.53 | 199.9 | 0.04 | 0.04 | 3.29 |
| 15 | 28.22 | 39.26 | 25.53 | 199.4 | 0.04 | 0.04 | 3.29 |

STATION NUMBER: G33S33 DATE: 19-09-95
LATITUDE: 36.33` TIME: 06:12
LONGITUDE: 35.33` TOTAL DEPTH: 10.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.26 | 39.14 | 25.43 | 199.6 | 0.07 | 0.04 | 4.38 |
| 8 | 28.23 | 39.19 | 25.47 | 196.6 | 0.06 | 1.16 | 4.52 |

STATION NUMBER: G30S37 DATE: 19-09-95
LATITUDE: 36.30` TIME: 06:45
LONGITUDE: 35.37` TOTAL DEPTH: 73.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.29 | 39.04 | 25.34 | 203.3 | 0.04 | 0.19 | 2.05 |
| 10 | 28.28 | 39.05 | 25.35 | 207.6 | 0.03 | 0.35 | 2.95 |
| 20 | 28.02 | 39.39 | 25.70 | 203.8 | 0.03 | 0.39 | 2.09 |
| 30 | 27.60 | 39.46 | 25.89 | 214.8 | 0.03 | 0.58 | 1.44 |
| 50 | 25.11 | 39.23 | 26.51 | 215.7 | 0.03 | 0.58 | 1.64 |
| 70 | 18.81 | 38.96 | 28.10 | 204.2 | 0.07 | 2.52 | 6.37 |

STATION NUMBER: G43S49 DATE: 19-09-95
LATITUDE: 36.43` TIME: 08:50
LONGITUDE: 35.49` TOTAL DEPTH: 47.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.42 | 39.19 | 25.41 | 200.4 | 0.02 | 0.17 | 2.74 |
| 10 | 28.40 | 39.19 | 25.42 | 199.0 | 0.02 | 0.21 | 2.74 |
| 20 | 28.40 | 39.19 | 25.42 | 198.7 | 0.02 | 0.12 | 2.74 |
| 30 | 28.18 | 39.39 | 25.64 | 188.8 | 0.02 | 0.17 | 1.71 |
| 42 | 26.81 | 39.22 | 25.97 | 162.5 | 0.03 | 0.62 | 6.51 |

STATION NUMBER: G50S57 DATE: 19-09-95
LATITUDE: 36.50` TIME: 10:02
LONGITUDE: 35.57` TOTAL DEPTH: 43.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 2 | 28.51 | 39.17 | 25.36 | 195.5 | 0.03 | 0.17 | 2.88 |
| 10 | 28.51 | 39.17 | 25.36 | 195.3 | 0.03 | 0.19 | 2.88 |
| 20 | 28.50 | 39.16 | 25.37 | 201.4 | 0.02 | 0.17 | 3.77 |
| 30 | 28.49 | 39.17 | 25.37 | 203.7 | 0.02 | 0.17 | 3.15 |
| 40 | 27.30 | 39.25 | 25.83 | 160.2 | 0.04 | 0.78 | 7.88 |

STATION NUMBER: G44T05 DATE: 19-09-95
LATITUDE: 36.44` TIME: 11:10
LONGITUDE: 36.05` TOTAL DEPTH: 58.0 m.
SECCHI DISK: 10.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 2 | 28.55 | 39.15 | 25.34 | 200.9 | 0.02 | 0.23 | 2.88 |
| 10 | 28.55 | 39.15 | 25.34 | 202.9 | 0.02 | 0.27 | 3.36 |
| 25 | 28.55 | 39.15 | 25.34 | 202.7 | 0.02 | 0.19 | 3.22 |
| 35 | 28.54 | 39.15 | 25.34 | 199.2 | 0.02 | 0.25 | 2.60 |
| 50 | 25.59 | 39.19 | 26.33 | 184.1 | 0.02 | 0.54 | 2.67 |
| 55 | 24.81 | 39.14 | 26.54 | 193.4 | 0.02 | 0.62 | 3.90 |

STATION NUMBER: G35T02 DATE: 19-09-95
LATITUDE: 36.35` TIME: 13:23
LONGITUDE: 36.02` TOTAL DEPTH: 65.0 m.
SECCHI DISK: 7.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.55 | 39.15 | 25.33 | 200.4 | 0.02 | 0.31 | 3.01 |
| 10 | 28.55 | 39.15 | 25.34 | 201.2 | 0.02 | 0.27 | 3.15 |
| 20 | 28.51 | 39.14 | 25.35 | 201.1 | 0.02 | 0.33 | 3.15 |
| 30 | 28.48 | 39.19 | 25.39 | 200.1 | 0.02 | 0.31 | 1.71 |
| 40 | 28.14 | 39.40 | 25.67 | 201.4 | 0.02 | 0.31 | 2.05 |
| 55 | 26.49 | 39.33 | 26.15 | 212.9 | 0.02 | 0.29 | 2.02 |

STATION NUMBER: G27S50 DATE: 19-09-95
LATITUDE: 36.27` TIME: 14:50
LONGITUDE: 35.50` TOTAL DEPTH: 68.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.01 | 39.22 | 25.57 | 201.8 | 0.02 | 0.19 | 1.47 |
| 10 | 27.82 | 39.38 | 25.75 | 199.5 | 0.02 | 0.54 | 1.40 |
| 20 | 27.94 | 39.30 | 25.65 | 216.4 | 0.02 | 0.25 | 1.53 |
| 30 | 27.64 | 39.49 | 25.89 | 206.5 | 0.02 | 0.39 | 1.80 |
| 40 | 27.34 | 39.47 | 25.98 | 214.6 | 0.02 | 0.39 | 1.67 |
| 50 | 26.34 | 39.38 | 26.24 | 210.1 | 0.02 | 0.31 | 2.13 |

STATION NUMBER: G07Q28 DATE: 20-09-95
LATITUDE: 36.07` TIME: 05:17
LONGITUDE: 33.28` TOTAL DEPTH: 94.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.55 | 39.48 | 25.92 | 204.3 | 0.02 | 0.12 | 1.27 |
| 10 | 27.54 | 39.48 | 25.92 | 205.0 | 0.02 | 0.12 | 1.40 |
| 25 | 27.52 | 39.48 | 25.93 | 206.5 | 0.02 | 0.16 | 1.40 |
| 50 | 20.79 | 38.85 | 27.48 | 250.4 | 0.02 | 0.12 | 0.93 |
| 75 | 18.04 | 38.94 | 28.28 | 239.6 | 0.02 | 0.27 | 2.03 |
| 90 | 17.79 | 38.95 | 28.35 | 239.0 | 0.02 | 0.37 | 2.13 |

STATION NUMBER: G16P11 DATE: 20-09-95
LATITUDE: 36.16` TIME: 12:30
LONGITUDE: 32.11` TOTAL DEPTH: 1200.0 m.
SECCHI DISK: 32.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.50 | 39.45 | 25.92 | 206.3 | 0.02 | 0.16 | 1.07 |
| 10 | 27.43 | 39.45 | 25.93 | 206.4 | 0.02 | 0.16 | 1.13 |
| 25 | 27.39 | 39.44 | 25.94 | 207.1 | 0.02 | 0.16 | 1.33 |
| 50 | 25.26 | 39.19 | 26.43 | 226.8 | 0.02 | 0.19 | 1.33 |
| 100 | 17.61 | 39.06 | 28.48 | 246.5 | 0.02 | 0.19 | 1.13 |
| 250 | 14.85 | 39.02 | 29.11 | 207.6 | 0.07 | 4.15 | 4.27 |
| 300 | 14.47 | 38.96 | 29.15 | 200.7 | 0.10 | 4.84 | 5.67 |
| 400 | 13.87 | 38.83 | 29.18 | 195.8 | 0.14 | 6.01 | 8.33 |
| 500 | 13.72 | 38.79 | 29.18 | 193.4 | 0.16 | 6.09 | 9.53 |
| 600 | 13.64 | 38.77 | 29.18 | 189.9 | 0.18 | 6.09 | 9.73 |
| 800 | 13.61 | 38.76 | 29.18 | 194.2 | 0.19 | 6.05 | 10.13 |
| 1000 | 13.57 | 38.75 | 29.18 | 191.3 | 0.19 | 6.12 | 10.40 |

STATION NUMBER: G28P02 DATE: 20-09-95
LATITUDE: 36.28` TIME: 14:45
LONGITUDE: 32.02` TOTAL DEPTH: 750.0 m.
SECCHI DISK: 27.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.47 | 39.46 | 25.93 | 205.5 | 0.03 | 0.12 | 1.33 |
| 10 | 27.46 | 39.45 | 25.93 | 205.3 | 0.03 | 0.12 | 1.40 |
| 25 | 27.40 | 39.45 | 25.94 | 205.0 | 0.03 | 0.16 | 1.20 |
| 50 | 24.77 | 39.16 | 26.56 | 234.2 | 0.04 | 0.12 | 1.07 |
| 100 | 17.62 | 39.03 | 28.46 | 242.1 | 0.04 | 0.14 | 1.07 |
| 150 | 16.33 | 39.10 | 28.83 | 226.3 | 0.04 | 0.47 | 1.53 |
| 250 | 14.91 | 39.03 | 29.10 | 198.4 | 0.09 | 4.07 | 4.00 |
| 300 | 14.33 | 38.93 | 29.16 | 197.7 | 0.15 | 5.54 | 6.60 |
| 400 | 13.96 | 38.85 | 29.17 | 191.9 | 0.17 | 5.31 | 8.13 |
| 500 | 13.87 | 38.83 | 29.18 | 193.9 | 0.20 | 6.05 | 8.67 |
| 600 | 13.76 | 38.80 | 29.18 | 195.5 | 0.20 | 6.01 | 9.33 |
| 750 | 13.65 | 38.77 | 29.18 | 190.5 | 0.20 | 5.46 | 10.20 |

STATION NUMBER: G46N18 DATE: 20-09-95
LATITUDE: 36.46` TIME: 19:20
LONGITUDE: 31.18` TOTAL DEPTH: 47.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.35 | 39.41 | 25.93 | 205.8 | 0.04 | 0.23 | 1.40 |
| 10 | 27.34 | 39.41 | 25.93 | 204.4 | 0.02 | 0.19 | 1.07 |
| 20 | 27.21 | 39.39 | 25.96 | 207.1 | 0.02 | 0.23 | 1.33 |
| 30 | 26.38 | 39.31 | 26.17 | 219.0 | 0.02 | 0.23 | 1.13 |
| 45 | 23.29 | 39.04 | 26.92 | 238.9 | 0.02 | 0.27 | 1.20 |

STATION NUMBER: G48M59 DATE: 21-09-95
LATITUDE: 36.48` TIME: 16:20
LONGITUDE: 28.59` TOTAL DEPTH: 520.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 27.03 | 39.37 | 26.01 | 207.3 | 0.02 | 0.23 | 1.33 |
| 10 | 27.05 | 39.38 | 26.01 | 213.7 | 0.02 | 0.27 | 1.33 |
| 25 | 26.53 | 39.32 | 26.13 | 215.5 | 0.02 | 0.21 | 1.37 |
| 40 | 22.90 | 39.04 | 27.03 | 249.1 | 0.02 | 0.23 | 0.73 |
| 63 | 19.66 | 38.97 | 27.89 | 251.4 | 0.02 | 0.23 | 1.13 |

STATION NUMBER: G48M41 DATE: 20-09-95
LATITUDE: 36.48` TIME: 22:25
LONGITUDE: 30.41` TOTAL DEPTH: 650.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.71 | 39.31 | 26.07 | 206.1 | 0.03 | 0.10 | 1.30 |
| 10 | 26.71 | 39.31 | 26.07 | 211.4 | 0.02 | 0.12 | 1.47 |
| 25 | 26.71 | 39.31 | 26.07 | 210.4 | 0.02 | 0.12 | 1.33 |
| 50 | 21.52 | 39.00 | 27.40 | 233.4 | 0.02 | 0.10 | 1.13 |
| 75 | 18.79 | 39.01 | 28.14 | 245.3 | 0.02 | 0.10 | 1.00 |
| 100 | 17.66 | 39.03 | 28.45 | 244.2 | 0.02 | 0.12 | 1.40 |
| 150 | 16.29 | 39.09 | 28.83 | 227.7 | 0.02 | 0.64 | 1.62 |
| 200 | 15.30 | 39.06 | 29.04 | 224.4 | 0.03 | 2.44 | 2.60 |
| 250 | 14.64 | 38.98 | 29.13 | 207.8 | 0.12 | 4.84 | 4.93 |
| 400 | 14.01 | 38.86 | 29.17 | 197.3 | 0.18 | 5.44 | 7.60 |
| 500 | 13.86 | 38.82 | 29.18 | 194.5 | 0.17 | 6.00 | 8.73 |
| 600 | 13.75 | 38.79 | 29.18 | 194.1 | 0.19 | 6.08 | 9.46 |

STATION NUMBER: G37M37 DATE: 21-09-95
LATITUDE: 36.37` TIME: 00:06
LONGITUDE: 30.37` TOTAL DEPTH: 175.0 m.
SECCHI DISK: 28.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.61 | 39.26 | 26.06 | 212.5 | 0.02 | 0.40 | 1.87 |
| 10 | 26.61 | 39.26 | 26.06 | 211.8 | 0.02 | 0.52 | 1.27 |
| 25 | 26.55 | 39.26 | 26.07 | 212.0 | 0.02 | 0.64 | 1.53 |
| 50 | 21.60 | 38.98 | 27.36 | 246.6 | 0.02 | 0.24 | 0.93 |
| 75 | 18.73 | 39.00 | 28.15 | 248.6 | 0.02 | 0.24 | 0.87 |
| 100 | 17.94 | 39.02 | 28.37 | 244.7 | 0.02 | 0.48 | 1.20 |
| 130 | 16.72 | 39.08 | 28.72 | 241.8 | 0.02 | 0.44 | 1.20 |

STATION NUMBER: G14M13 DATE: 21-09-95
LATITUDE: 36.14` TIME: 16:20
LONGITUDE: 28.13` TOTAL DEPTH: 520.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.99 | 39.37 | 26.34 | 208.6 | 0.02 | 0.24 | 1.33 |
| 10 | 25.85 | 39.36 | 26.38 | 210.4 | 0.02 | 0.28 | 1.47 |
| 25 | 24.43 | 39.22 | 26.71 | 208.8 | 0.02 | 0.24 | 1.47 |
| 50 | 21.52 | 39.02 | 27.41 | 249.4 | 0.02 | 0.30 | 1.27 |
| 75 | 19.07 | 39.00 | 28.07 | 247.8 | 0.02 | 0.24 | 1.33 |
| 100 | 17.77 | 39.03 | 28.42 | 242.8 | 0.02 | 0.44 | 1.67 |
| 150 | 16.68 | 39.07 | 28.72 | 223.9 | 0.03 | 1.60 | 2.07 |
| 200 | 15.55 | 39.08 | 29.00 | 208.3 | 0.07 | 4.04 | 3.73 |
| 250 | 14.77 | 39.00 | 29.11 | 207.3 | 0.12 | 5.16 | 5.07 |
| 300 | 14.16 | 38.89 | 29.16 | 200.3 | 0.16 | 5.52 | 6.47 |

STATION NUMBER: G10L36 DATE: 21-09-95
LATITUDE: 36.10` TIME: 07:50
LONGITUDE: 29.36` TOTAL DEPTH: 193.0 m.
SECCHI DISK: 19.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.80 | 39.39 | 26.10 | 206.5 | 0.02 | 0.40 | 1.73 |
| 10 | 26.77 | 39.36 | 26.08 | 205.1 | 0.02 | 0.30 | 1.53 |
| 25 | 26.74 | 39.35 | 26.09 | 199.6 | 0.02 | 0.40 | 1.73 |
| 50 | 20.69 | 39.05 | 27.67 | 252.2 | 0.02 | 0.32 | 1.40 |
| 75 | 18.23 | 39.03 | 28.31 | 249.4 | 0.02 | 0.50 | 1.47 |
| 100 | 17.56 | 39.05 | 28.49 | 244.6 | 0.02 | 0.52 | 1.40 |
| 150 | 16.41 | 39.08 | 28.79 | 231.2 | 0.02 | 1.32 | 1.73 |
| 180 | 16.28 | 39.08 | 28.82 | 226.7 | 0.02 | 1.28 | 1.93 |

STATION NUMBER: G14L16 DATE: 21-09-95
LATITUDE: 36.14` TIME: 09:45
LONGITUDE: 29.16` TOTAL DEPTH: 240.0 m.
SECCHI DISK: 25.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.99 | 39.41 | 26.05 | 206.1 | 0.02 | 0.36 | 1.13 |
| 10 | 26.98 | 39.41 | 26.05 | 210.2 | 0.02 | 0.40 | 1.13 |
| 25 | 26.91 | 39.40 | 26.07 | 211.5 | 0.02 | 0.32 | 1.33 |
| 50 | 22.33 | 39.08 | 27.23 | 232.5 | 0.02 | 0.38 | 1.13 |
| 75 | 18.72 | 39.01 | 28.16 | 250.4 | 0.02 | 0.44 | 1.13 |
| 100 | 17.29 | 39.06 | 28.56 | 249.4 | 0.02 | 0.40 | 1.27 |
| 150 | 16.24 | 39.09 | 28.84 | 232.3 | 0.02 | 0.76 | 1.60 |
| 200 | 15.29 | 39.07 | 29.05 | 219.6 | 0.04 | 2.80 | 2.73 |
| 215 | 15.10 | 39.05 | 29.07 | 214.5 | 0.06 | 3.52 | 3.20 |

STATION NUMBER: G37L00 DATE: 21-09-95
LATITUDE: 36.37` TIME: 12:47
LONGITUDE: 29.00` TOTAL DEPTH: 320.0 m.
SECCHI DISK: 27.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 26.15 | 39.37 | 26.29 | 212.5 | 0.03 | 0.16 | 1.53 |
| 10 | 25.61 | 39.32 | 26.42 | 216.8 | 0.03 | 0.22 | 1.27 |
| 25 | 25.14 | 39.26 | 26.52 | 222.1 | 0.02 | 0.16 | 1.53 |
| 50 | 22.42 | 39.06 | 27.19 | 244.0 | 0.02 | 0.16 | 1.07 |
| 75 | 20.46 | 38.99 | 27.68 | 247.3 | 0.02 | 0.24 | 1.00 |
| 100 | 18.20 | 39.04 | 28.32 | 238.7 | 0.02 | 0.28 | 1.40 |
| 150 | 15.66 | 39.09 | 28.98 | 218.7 | 0.02 | 1.88 | 2.40 |
| 200 | 14.79 | 39.00 | 29.11 | 208.8 | 0.08 | 4.00 | 4.33 |
| 300 | 14.10 | 38.88 | 29.17 | 211.0 | 0.15 | 5.88 | 7.40 |

STATION NUMBER: G41K55 DATE: 21-09-95
LATITUDE: 36.41` TIME: 13:05
LONGITUDE: 28.55` TOTAL DEPTH: 114.0 m.
SECCHI DISK: 19.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.55 | 39.28 | 26.41 | 246.3 | 0.02 | 0.28 | 2.17 |
| 10 | 25.48 | 39.28 | 26.43 | 220.4 | 0.02 | 0.28 | 2.40 |
| 25 | 25.23 | 39.26 | 26.49 | 225.4 | 0.02 | 0.30 | 2.53 |
| 50 | 22.61 | 39.07 | 27.14 | 230.9 | 0.02 | 0.28 | 1.67 |
| 75 | 20.82 | 39.01 | 27.60 | 215.4 | 0.02 | 0.24 | 1.47 |
| 100 | 18.53 | 39.03 | 28.23 | 246.0 | 0.02 | 0.28 | 1.60 |

STATION NUMBER: G41K43 DATE: 21-09-95
LATITUDE: 36.41` TIME: 15:45
LONGITUDE: 28.43` TOTAL DEPTH: 373.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.65 | 39.34 | 26.42 | 213.5 | 0.02 | 0.24 | 1.40 |
| 10 | 25.66 | 39.34 | 26.42 | 214.4 | 0.02 | 0.36 | 1.43 |
| 25 | 25.37 | 39.30 | 26.48 | 217.6 | 0.02 | 0.32 | 1.37 |
| 50 | 21.81 | 39.03 | 27.34 | 250.1 | 0.02 | 0.24 | 1.20 |
| 75 | 19.07 | 39.01 | 28.07 | 256.6 | 0.02 | 0.30 | 1.27 |
| 100 | 17.95 | 39.03 | 28.38 | 239.4 | 0.02 | 0.26 | 1.03 |
| 150 | 16.81 | 39.07 | 28.69 | 235.4 | 0.02 | 0.52 | 1.53 |
| 200 | 15.14 | 39.03 | 29.05 | 221.8 | 0.02 | 0.72 | 1.53 |
| 250 | 14.69 | 38.98 | 29.12 | 207.6 | 0.02 | 1.96 | 2.07 |
| 350 | 14.08 | 38.87 | 29.17 | 215.4 | 0.07 | 4.12 | 4.27 |

STATION NUMBER: G39K41 DATE: 21-09-95
LATITUDE: 36.39` TIME: 16:20
LONGITUDE: 28.41` TOTAL DEPTH: 520.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 25.99 | 39.37 | 26.34 | 209.3 | 0.02 | 0.16 | 1.53 |
| 10 | 25.85 | 39.36 | 26.38 | 215.4 | 0.02 | 0.12 | 1.47 |
| 25 | 24.43 | 39.22 | 26.71 | 222.8 | 0.02 | 0.16 | 0.77 |
| 50 | 21.52 | 39.02 | 27.41 | 242.4 | 0.02 | 0.16 | 1.27 |
| 75 | 19.07 | 39.00 | 28.07 | 249.1 | 0.02 | 0.28 | 1.20 |
| 100 | 17.77 | 39.03 | 28.42 | 248.3 | 0.02 | 0.22 | 1.20 |
| 150 | 16.68 | 39.07 | 28.72 | 234.6 | 0.02 | 0.40 | 1.47 |
| 200 | 15.55 | 39.08 | 29.00 | 223.3 | 0.02 | 1.84 | 2.33 |
| 250 | 14.77 | 39.00 | 29.11 | 207.3 | 0.06 | 1.28 | 4.13 |
| 350 | 14.16 | 38.89 | 29.16 | 149.8 | 0.15 | 5.24 | 6.66 |
| 500 | 13.91 | 38.83 | 29.17 | 196.6 | 0.15 | 5.92 | 8.47 |

STATION NUMBER: G49K16 DATE: 21-09-95
LATITUDE: 36.49` TIME: 19:10
LONGITUDE: 28.16` TOTAL DEPTH: 37.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.47 | 39.35 | 26.80 | 217.9 | 0.02 | 0.24 | 1.80 |
| 5 | 24.46 | 39.35 | 26.80 | 232.6 | 0.02 | 0.12 | 1.80 |
| 10 | 24.45 | 39.35 | 26.81 | 215.3 | 0.02 | 0.12 | 2.00 |
| 20 | 24.42 | 39.35 | 26.82 | 215.5 | 0.02 | 0.16 | 2.22 |
| 30 | 23.54 | 39.22 | 26.98 | 212.1 | 0.02 | 0.10 | 1.60 |

STATION NUMBER: G45R35 DATE: 18-09-95
LATITUDE: 36.45` TIME: 22:40
LONGITUDE: 34.35` TOTAL DEPTH: 17.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.63 | 39.14 | 25.30 | 201.7 | 0.02 | 0.17 | 3.22 |
| 15 | 28.50 | 39.29 | 25.46 | 175.1 | 0.11 | 0.66 | 6.16 |

STATION NUMBER: G47R42 DATE: 18-09-95
LATITUDE: 36.47` TIME: 23:35
LONGITUDE: 34.42` TOTAL DEPTH: 11.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.50 | 38.36 | 24.76 | 212.1 | 0.04 | 0.19 | 2.12 |
| 10 | 28.71 | 38.95 | 25.13 | 205.1 | 0.06 | 0.17 | 5.48 |

STATION NUMBER: G41R44 DATE: 19-09-95
LATITUDE: 36.41` TIME: 01:00
LONGITUDE: 34.44` TOTAL DEPTH: 45.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.37 | 39.42 | 25.60 | 205.1 | 0.06 | 0.66 | 1.99 |
| 10 | 28.37 | 39.43 | 25.61 | 197.3 | 0.07 | 0.89 | 1.85 |
| 20 | 28.36 | 39.43 | 25.61 | 201.6 | 0.05 | 0.68 | 2.19 |
| 30 | 28.36 | 39.43 | 25.61 | 201.8 | 0.06 | 0.31 | 2.40 |
| 45 | 26.96 | 39.32 | 25.99 | 209.1 | 0.05 | 0.31 | 2.47 |

STATION NUMBER: G35T08 DATE: 19-09-95
LATITUDE: 36.35` TIME: 12:40
LONGITUDE: 36.08` TOTAL DEPTH: 21.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 28.68 | 39.13 | 25.28 | 199.3 | 0.04 | 0.27 | 4.11 |
| 10 | 28.66 | 39.15 | 25.30 | 198.7 | 0.04 | 0.23 | 4.04 |
| 18 | 28.66 | 39.16 | 25.31 | 196.0 | 0.03 | 0.27 | 3.15 |

Table 8: Standart oceanographic parameters measured in sea water. MED-POL Phase II, Northeastern Mediterranean, 19-28 October 1995

STATION NUMBER: G49K16 DATE: 19-10-95
LATITUDE: 36.49` TIME: 11:59
LONGITUDE: 28.15` TOTAL DEPTH: 37.0 m.
SECCHI DISK: 7.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 22.84 | 39.44 | 27.35 | 211.8 | 0.39 | 0.13 | 2.09 |
| 11 | 22.72 | 39.44 | 27.39 | 211.6 | 0.03 | 0.09 | 2.03 |
| 21 | 22.51 | 39.39 | 27.41 | 216.3 | 0.03 | 0.08 | 2.22 |
| 35 | 19.97 | 39.05 | 27.87 | 218.9 | 0.05 | 0.08 | 2.09 |

STATION NUMBER: G39K41 DATE: 19-10-95
LATITUDE: 36.39` TIME: 14.37
LONGITUDE: 28.41` TOTAL DEPTH: 522.0 m.
SECCHI DISK: 11.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.12 | 39.51 | 27.32 | 212.6 | 0.06 | 0.08 | 0.92 |
| 10 | 23.13 | 39.51 | 27.32 | 208.8 | 0.03 | 0.06 | 0.92 |
| 25 | 23.12 | 39.51 | 27.32 | 213.4 | 0.03 | 0.06 | 0.92 |
| 50 | 18.79 | 39.01 | 28.14 | 246.9 | 0.03 | 0.08 | 0.78 |
| 75 | 17.53 | 39.04 | 28.49 | 237.0 | 0.05 | 0.06 | 0.78 |
| 90 | 17.06 | 39.06 | 28.62 | 234.6 | 0.05 | 0.16 | 0.85 |
| 150 | 15.70 | 39.09 | 28.97 | 218.0 | 0.05 | 0.89 | 1.57 |
| 200 | 14.92 | 39.02 | 29.09 | 202.4 | 0.10 | 3.50 | 3.40 |
| 250 | 14.41 | 38.93 | 29.14 | 194.9 | 0.18 | 4.86 | 5.03 |
| 300 | 14.15 | 38.89 | 29.16 | 192.9 | 0.23 | 5.30 | 6.27 |
| 350 | 14.00 | 38.86 | 29.17 | 190.5 | 0.24 | 5.30 | 6.99 |
| 400 | 13.92 | 38.84 | 29.17 | 189.5 | 0.25 | 5.46 | 7.58 |
| 500 | 13.81 | 38.81 | 29.18 | 184.6 | 0.25 | 5.52 | 8.04 |

STATION NUMBER: G41K43 DATE: 19-10-95
LATITUDE: 36.41` TIME: 15:20
LONGITUDE: 28.43` TOTAL DEPTH: 340.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.05 | 39.19 | 27.10 | 214.3 | 0.02 | 0.27 | 3.01 |
| 10 | 23.13 | 39.35 | 27.20 | 213.4 | 0.02 | 0.16 | 2.35 |
| 30 | 23.12 | 39.45 | 27.28 | 223.8 | 0.02 | 0.13 | 1.18 |
| 50 | 19.12 | 39.00 | 28.05 | 245.4 | 0.02 | 0.13 | 0.92 |
| 75 | 17.64 | 39.03 | 28.46 | 235.2 | 0.02 | 0.16 | 0.98 |
| 90 | 17.01 | 39.06 | 28.63 | 229.0 | 0.02 | 0.33 | 1.08 |
| 100 | 16.83 | 39.06 | 28.68 | 228.8 | 0.02 | 0.36 | 1.18 |
| 150 | 15.62 | 39.08 | 28.98 | 215.6 | 0.02 | 1.38 | 1.90 |
| 200 | 14.82 | 39.00 | 29.10 | 202.2 | 0.09 | 3.65 | 3.73 |
| 250 | 14.32 | 38.92 | 29.15 | 194.0 | 0.17 | 5.03 | 5.62 |
| 300 | 14.15 | 38.88 | 29.16 | -99 | 0.22 | 5.35 | 6.47 |
| 340 | 14.04 | 38.86 | 29.17 | 193.1 | 0.23 | 5.48 | 7.39 |

STATION NUMBER: G42K55 DATE: 19-10-95
LATITUDE: 36.41` TIME: 17:31
LONGITUDE: 28.55` TOTAL DEPTH: 120.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 22.92 | 39.24 | 27.18 | -99 | 0.05 | 0.16 | 2.29 |
| 10 | 22.85 | 39.22 | 27.18 | 255.3 | 0.05 | 0.13 | 2.22 |
| 20 | 22.84 | 39.25 | 27.21 | 231.7 | 0.04 | 0.13 | 2.03 |
| 40 | 21.14 | 39.06 | 27.55 | 241.8 | 0.04 | 0.14 | 1.31 |
| 50 | 19.30 | 39.02 | 28.02 | 221.0 | 0.05 | 0.16 | 1.18 |
| 75 | 17.34 | 39.05 | 28.55 | 241.3 | 0.10 | 0.45 | 1.24 |
| 90 | 16.93 | 39.06 | 28.65 | 219.3 | 0.10 | 0.53 | 1.31 |
| 105 | 16.47 | 39.07 | 28.77 | 217.2 | 0.10 | 0.91 | 1.76 |

STATION NUMBER: G37L00 DATE: 19-10-95
LATITUDE: 36.37` TIME: 18.20
LONGITUDE: 29.00` TOTAL DEPTH: 320.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.02 | 39.31 | 27.21 | 217.4 | 0.06 | 0.24 | 1.76 |
| 10 | 23.01 | 39.31 | 27.21 | 219.1 | 0.05 | 0.16 | 1.83 |
| 30 | 22.95 | 39.32 | 27.23 | 222.4 | 0.05 | 0.12 | 1.63 |
| 53 | 18.72 | 39.01 | 28.16 | 241.5 | 0.04 | 0.16 | 1.37 |
| 75 | 17.67 | 39.03 | 28.45 | 231.5 | 0.05 | 0.13 | 1.37 |
| 100 | 16.74 | 39.07 | 28.71 | 228.9 | 0.05 | 0.47 | 1.50 |
| 150 | 15.67 | 39.07 | 28.96 | 216.7 | 0.06 | 1.51 | 2.16 |
| 200 | 15.03 | 39.03 | 29.08 | 205.0 | 0.08 | 3.25 | 3.46 |
| 250 | 14.47 | 38.94 | 29.13 | 199.2 | 0.14 | 4.72 | 5.29 |
| 300 | 14.16 | 38.89 | 29.16 | 191.0 | 0.15 | 5.32 | 6.80 |

STATION NUMBER: G14L16 DATE: 21-10-95
LATITUDE: 36.14` TIME: 01.31
LONGITUDE: 29.16` TOTAL DEPTH: 275.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 22.94 | 39.26 | 27.19 | 214.1 | 0.02 | 0.45 | 2.28 |
| 10 | 23.13 | 39.35 | 27.21 | 215.0 | 0.02 | 0.31 | 1.85 |
| 25 | 23.15 | 39.40 | 27.24 | 214.9 | 0.02 | 0.13 | 1.23 |
| 50 | 18.78 | 38.89 | 28.06 | 249.4 | 0.02 | 0.11 | 1.11 |
| 75 | 18.09 | 39.01 | 28.33 | 395.0 | 0.02 | 0.09 | 1.17 |
| 100 | 16.68 | 39.05 | 28.71 | 233.1 | 0.02 | 0.24 | 1.23 |
| 150 | 16.02 | 39.07 | 28.88 | 219.0 | 0.02 | 0.87 | 1.54 |
| 200 | 15.28 | 39.06 | 29.04 | 207.0 | 0.02 | 2.43 | 2.65 |
| 250 | 14.50 | 38.95 | 29.13 | 196.7 | 0.12 | 4.52 | 5.00 |

STATION NUMBER: G10L36 DATE: 21-10-95
LATITUDE: 36.10` TIME: 03.47
LONGITUDE: 29.35` TOTAL DEPTH: 195.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.14 | 39.30 | 27.16 | 212.8 | 0.02 | 0.13 | 1.23 |
| 10 | 23.24 | 39.38 | 27.19 | 213.7 | 0.02 | 0.14 | 1.23 |
| 25 | 22.80 | 39.35 | 27.30 | 218.0 | 0.02 | 0.16 | 1.11 |
| 50 | 19.46 | 39.05 | 28.01 | 240.1 | 0.02 | 0.16 | 0.93 |
| 75 | 17.71 | 39.03 | 28.43 | 234.3 | 0.02 | 0.19 | 0.93 |
| 100 | 17.11 | 39.05 | 28.60 | 231.3 | 0.02 | 0.49 | 1.05 |
| 150 | 16.05 | 39.06 | 28.87 | 218.1 | 0.03 | 1.45 | 1.85 |
| 190 | 15.93 | 39.06 | 28.89 | 217.7 | 0.02 | 1.54 | 1.98 |

STATION NUMBER: G14M13 DATE: 22-10-95
LATITUDE: 36.14` TIME: 23.32
LONGITUDE: 30.13` TOTAL DEPTH: 300.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 22.93 | 39.41 | 27.31 | -99 | 0.03 | 0.29 | 1.38 |
| 20 | 22.91 | 39.41 | 27.31 | 214.7 | 0.03 | 0.33 | 1.20 |
| 40 | 21.03 | 39.13 | 27.63 | 238.6 | 0.04 | 0.26 | 1.02 |
| 60 | 18.80 | 39.01 | 28.14 | 240.4 | 0.04 | 0.27 | 1.02 |
| 80 | 17.54 | 39.04 | 28.49 | 234.5 | 0.04 | 0.26 | 1.02 |
| 100 | 16.96 | 39.06 | 28.64 | 230.3 | 0.10 | 0.37 | 1.08 |
| 150 | 15.88 | 39.10 | 28.93 | 217.9 | 0.13 | 1.06 | 1.50 |
| 200 | 15.23 | 39.05 | 29.05 | 206.1 | 0.15 | 2.64 | 2.51 |
| 260 | 14.77 | 39.00 | 29.11 | 199.1 | 0.14 | 4.14 | 3.89 |

STATION NUMBER: G37M37 DATE: 24-10-95
LATITUDE: 36.37` TIME: 05.51
LONGITUDE: 30.37` TOTAL DEPTH: 170.0 m.
SECCHI DISK: 17.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.46 | 39.44 | 27.17 | 206.8 | 0.03 | 0.13 | 1.42 |
| 10 | 23.47 | 39.44 | 27.17 | 210.6 | 0.03 | 0.10 | 1.11 |
| 20 | 23.26 | 39.39 | 27.19 | 213.4 | 0.03 | 0.10 | 1.23 |
| 40 | 23.12 | 39.39 | 27.24 | 214.9 | 0.03 | 0.10 | 1.23 |
| 60 | 21.24 | 39.19 | 27.62 | 233.8 | 0.03 | 0.13 | 1.11 |
| 80 | 18.09 | 39.01 | 28.33 | 237.8 | 0.03 | 0.16 | 1.17 |

STATION NUMBER: G48M41 DATE: 24-10-95
LATITUDE: 36.48` TIME: 07.12
LONGITUDE: 30.41` TOTAL DEPTH: 660.0 m.
SECCHI DISK: 17.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 23.71 | 39.41 | 27.07 | -99 | 0.03 | 0.08 | 1.60 |
| 20 | 23.44 | 39.42 | 27.16 | 211.9 | 0.03 | 0.03 | 1.67 |
| 40 | 23.05 | 39.34 | 27.22 | 215.7 | 0.04 | 0.10 | 1.42 |
| 60 | 21.58 | 39.23 | 27.55 | 225.9 | 0.04 | 0.06 | 1.48 |
| 80 | 18.13 | 39.02 | 28.32 | 235.0 | 0.04 | 0.11 | 1.60 |
| 100 | 17.38 | 39.04 | 28.53 | 234.0 | 0.03 | 0.10 | 1.23 |
| 150 | 16.44 | 39.09 | 28.80 | 222.2 | 0.03 | 0.32 | 1.48 |
| 200 | 15.72 | 39.10 | 28.97 | 212.2 | 0.05 | 1.47 | 2.10 |
| 250 | 15.04 | 39.03 | 29.08 | 200.8 | 0.05 | 3.07 | 3.46 |
| 300 | 14.59 | 38.97 | 29.13 | 195.2 | 0.13 | 4.60 | 5.25 |
| 400 | 14.06 | 38.87 | 29.17 | 189.9 | 0.17 | 5.53 | 7.84 |
| 500 | 13.90 | 38.83 | 29.17 | 185.1 | 0.18 | 5.65 | 9.20 |
| 630 | 13.80 | 38.81 | 29.18 | 182.0 | 0.18 | 5.72 | 9.38 |

STATION NUMBER: G48M59 DATE: 24-10-95
LATITUDE: 36.48` TIME: 09.18
LONGITUDE: 30.59` TOTAL DEPTH: 70.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.93 | 39.37 | 26.98 | -99 | 0.02 | 0.13 | 1.48 |
| 10 | 23.95 | 39.38 | 26.98 | 209.5 | 0.02 | 0.13 | 1.60 |
| 20 | 23.96 | 39.38 | 26.98 | 209.2 | 0.03 | 0.13 | 1.57 |
| 40 | 23.81 | 39.41 | 27.05 | 215.3 | 0.02 | 0.10 | 1.51 |
| 60 | 19.28 | 38.98 | 28.00 | 241.6 | 0.02 | 0.11 | 1.42 |

STATION NUMBER: G46N18 DATE: 24-10-95
LATITUDE: 36.46` TIME: 11.11
LONGITUDE: 31.18` TOTAL DEPTH: 48.0 m.
SECCHI DISK: 10.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.99 | 39.37 | 26.96 | 210.4 | 0.04 | 0.13 | 1.58 |
| 10 | 24.04 | 39.42 | 26.98 | 208.7 | 0.04 | 0.22 | 1.39 |
| 20 | 24.03 | 39.43 | 26.99 | 207.9 | 0.02 | 0.10 | 1.46 |
| 45 | 23.76 | 39.40 | 27.05 | 214.5 | 0.02 | 0.05 | 1.33 |

STATION NUMBER: G28P02 DATE: 24-10-95
LATITUDE: 36.28` TIME: 17.34
LONGITUDE: 32.02` TOTAL DEPTH: 864.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 0 | 24.21 | 39.50 | 26.99 | -99 | 0.02 | 0.10 | 1.52 |
| 20 | 24.22 | 39.50 | 26.99 | 208.4 | 0.02 | 0.13 | 1.33 |
| 40 | 24.22 | 39.50 | 26.99 | 208.8 | 0.02 | 0.10 | 1.33 |
| 60 | 21.19 | 39.07 | 27.54 | 240.3 | 0.02 | 0.10 | 1.14 |
| 80 | 18.64 | 38.96 | 28.15 | 246.8 | 0.02 | 0.11 | 0.95 |
| 100 | 17.49 | 39.04 | 28.50 | 238.5 | 0.02 | 0.10 | 0.95 |
| 150 | 16.25 | 39.10 | 28.85 | 221.7 | 0.02 | 0.70 | 1.23 |
| 200 | 15.72 | 39.10 | 28.97 | 207.7 | 0.03 | 1.59 | 1.42 |
| 250 | 15.09 | 39.06 | 29.08 | 203.7 | 0.08 | 3.42 | 1.99 |
| 300 | 14.59 | 38.97 | 29.13 | 193.6 | 0.11 | 4.98 | 4.94 |
| 400 | 14.10 | 38.88 | 29.17 | 190.0 | 0.14 | 5.53 | 7.72 |
| 500 | 13.94 | 38.84 | 29.17 | 188.0 | 0.16 | 5.72 | 8.92 |
| 600 | 13.78 | 38.80 | 29.18 | 185.9 | 0.18 | 5.72 | 9.72 |
| 750 | 13.64 | 38.76 | 29.18 | 184.5 | 0.18 | 5.75 | 10.25 |

STATION NUMBER: G16P11 DATE: 24-10-95
LATITUDE: 36.16` TIME: 19.50
LONGITUDE: 32.11` TOTAL DEPTH: 1100.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.04 | 39.47 | 27.02 | -99 | 0.04 | 0.19 | 1.46 |
| 25 | 24.04 | 39.47 | 27.02 | 209.2 | 0.04 | 0.19 | 1.33 |
| 50 | 24.03 | 39.47 | 27.03 | 215.3 | 0.04 | 0.16 | 1.27 |
| 100 | 17.58 | 39.03 | 28.47 | 235.0 | 0.03 | 0.10 | 1.14 |
| 150 | 16.45 | 39.09 | 28.79 | 224.3 | 0.03 | 0.75 | 1.39 |
| 200 | 15.49 | 39.09 | 29.02 | 212.6 | 0.03 | 1.98 | 2.47 |
| 250 | 15.06 | 39.04 | 29.08 | 203.5 | 0.07 | 3.29 | 3.73 |
| 300 | 14.59 | 38.97 | 29.13 | 194.3 | 0.11 | 4.95 | 6.23 |
| 400 | 14.00 | 38.86 | 29.17 | 187.5 | 0.12 | 5.53 | 8.29 |
| 500 | 13.85 | 38.82 | 29.18 | 183.1 | 0.14 | 5.62 | 8.99 |
| 600 | 13.74 | 38.79 | 29.18 | 185.7 | 0.14 | 5.62 | 9.62 |
| 800 | 13.60 | 38.76 | 29.18 | 184.1 | 0.15 | 5.02 | 10.57 |
| 1100 | 13.54 | 38.74 | 29.18 | 186.0 | 0.15 | 5.59 | 10.70 |

STATION NUMBER: G07Q28 DATE: 26-10-95
LATITUDE: 36.07` TIME: 01.08
LONGITUDE: 33.28` TOTAL DEPTH: 95.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.19 | 39.53 | 27.02 | -99 | 0.02 | 0.07 | 1.44 |
| 20 | 24.19 | 39.53 | 27.02 | 206.4 | 0.02 | 0.06 | 1.44 |
| 40 | 24.19 | 39.53 | 27.02 | 207.4 | 0.02 | 0.06 | 1.38 |
| 60 | 23.85 | 39.51 | 27.11 | 213.0 | 0.02 | 0.06 | 1.25 |
| 70 | 19.39 | 38.92 | 27.92 | 243.5 | 0.02 | 0.09 | 1.00 |
| 80 | 18.22 | 38.87 | 28.18 | 248.3 | 0.02 | 0.06 | 0.94 |
| 90 | 17.52 | 38.87 | 28.37 | 244.8 | 0.02 | 0.07 | 1.00 |

STATION NUMBER: G27S50 DATE: 27-10-95
LATITUDE: 36.27` TIME: 05.17
LONGITUDE: 35.50` TOTAL DEPTH: 72.0 m.
SECCHI DISK: 15.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.16 | 39.41 | 26.94 | -99 | 0.02 | 0.09 | 2.06 |
| 10 | 24.16 | 39.41 | 26.94 | 205.7 | 0.02 | 0.09 | 2.09 |
| 25 | 24.16 | 39.42 | 26.94 | 208.7 | 0.03 | 0.09 | 1.76 |
| 50 | 22.80 | 39.26 | 27.23 | 222.2 | 0.02 | 0.11 | 1.53 |
| 70 | 19.98 | 38.94 | 27.78 | 238.5 | 0.02 | 0.11 | 1.47 |

STATION NUMBER: G35T02 DATE: 27-10-95
LATITUDE: 36.35` TIME: 06.42
LONGITUDE: 36.02` TOTAL DEPTH: 65.0 m.
SECCHI DISK: 11.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.16 | 39.45 | 26.96 | -99 | 0.02 | 0.09 | 2.18 |
| 10 | 24.16 | 39.45 | 26.96 | 201.2 | 0.02 | 0.08 | 2.18 |
| 20 | 24.16 | 39.45 | 26.96 | 200.9 | 0.02 | 0.07 | 2.18 |
| 40 | 24.13 | 39.44 | 26.97 | 205.7 | 0.02 | 0.07 | 2.18 |
| 60 | 22.06 | 39.13 | 27.34 | 207.2 | 0.10 | 0.07 | 2.18 |

STATION NUMBER: G44T05 DATE: 27-10-95
LATITUDE: 36.44` TIME: 08.22
LONGITUDE: 36.05` TOTAL DEPTH: 60.0 m.
SECCHI DISK: 9.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.42 | 39.47 | 26.91 | -99 | 0.02 | 0.04 | 2.31 |
| 10 | 24.32 | 39.47 | 26.93 | 208.5 | 0.02 | 0.04 | 1.95 |
| 25 | 24.30 | 39.47 | 26.94 | 205.5 | 0.02 | 0.06 | 1.95 |
| 50 | 24.29 | 39.47 | 26.94 | 206.2 | 0.02 | 0.04 | 2.01 |

STATION NUMBER: G50S57 DATE: 27-10-95
LATITUDE: 36.50` TIME: 09.24
LONGITUDE: 35.57` TOTAL DEPTH: 44.0 m.
SECCHI DISK: 10.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.45 | 39.47 | 26.90 | -99 | 0.02 | 0.09 | 1.78 |
| 10 | 24.24 | 39.46 | 26.95 | 206.7 | 0.22 | 0.10 | 1.78 |
| 25 | 24.19 | 39.45 | 26.96 | 204.4 | 0.32 | 0.11 | 1.86 |
| 35 | 24.05 | 39.43 | 26.99 | 207.2 | 0.36 | 0.11 | 4.85 |

STATION NUMBER: G43S49 DATE: 27-10-95
LATITUDE: 36.43` TIME: 10.27
LONGITUDE: 35.49` TOTAL DEPTH: 48.0 m.
SECCHI DISK: 13.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.31 | 39.39 | 26.88 | -99 | 0.02 | 0.07 | 1.95 |
| 10 | 24.16 | 39.40 | 26.93 | 210.2 | 0.02 | 0.07 | 2.07 |
| 25 | 24.20 | 39.43 | 26.94 | 208.5 | 0.02 | 0.07 | 2.13 |
| 35 | 24.12 | 39.43 | 26.96 | 207.5 | 0.02 | 0.07 | 2.13 |
| 45 | 22.64 | 39.24 | 27.26 | 208.0 | 0.04 | 0.08 | 2.19 |

STATION NUMBER: G30S37 DATE: 27-10-95
LATITUDE: 36.30` TIME: 12.12
LONGITUDE: 35.37` TOTAL DEPTH: 75.0 m.
SECCHI DISK: 19.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.41 | 39.44 | 26.88 | -99 | 0.02 | 0.36 | 2.01 |
| 10 | 24.25 | 39.43 | 26.93 | 207.2 | 0.02 | 0.08 | 1.92 |
| 25 | 24.22 | 39.43 | 26.94 | 208.2 | 0.02 | 0.22 | 1.89 |
| 35 | 24.05 | 39.46 | 27.01 | 212.3 | 0.04 | 0.07 | 1.24 |
| 50 | 23.54 | 39.39 | 27.11 | 221.7 | 0.03 | 0.29 | 2.37 |
| 65 | 18.57 | 38.91 | 28.13 | 221.1 | 0.02 | 0.41 | 2.78 |

STATION NUMBER: G33S33 DATE: 27-10-95
LATITUDE: 36.33` TIME: 12.48
LONGITUDE: 35.33` TOTAL DEPTH: 10.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.34 | 39.26 | 26.77 | -99 | 0.04 | 0.39 | 3.85 |
| 7 | 23.98 | 39.35 | 26.95 | -99 | 0.05 | 0.48 | 4.08 |

STATION NUMBER: G31S22 DATE: 27-10-95
LATITUDE: 36.31` TIME: 14.09
LONGITUDE: 35.22` TOTAL DEPTH: 18.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.07 | 39.04 | 26.69 | -99 | 0.02 | 0.14 | 3.14 |
| 15 | 24.10 | 39.23 | 26.82 | 211.1 | 0.02 | 0.11 | 2.42 |

STATION NUMBER: G38R58 DATE: 27-10-95
LATITUDE: 36.38` TIME: 16.22
LONGITUDE: 34.58` TOTAL DEPTH: 23.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.80 | 39.40 | 27.04 | -99 | 0.02 | 0.09 | 2.54 |
| 10 | 23.68 | 39.39 | 27.07 | 210.3 | 0.02 | 0.10 | 2.37 |
| 18 | 23.57 | 39.37 | 27.08 | 211.1 | 0.02 | 0.09 | 2.60 |

STATION NUMBER: G42R54 DATE: 27-10-95
LATITUDE: 36.41` TIME: 16.57
LONGITUDE: 34.54` TOTAL DEPTH: 10.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.10 | 39.14 | 27.05 | -99 | 0.02 | 0.11 | 5.21 |

STATION NUMBER: G45R48 DATE: 27-10-95
LATITUDE: 36.45` TIME: 18.32
LONGITUDE: 34.48` TOTAL DEPTH: 10.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.48 | 38.72 | 26.62 | -99 | 0.09 | 0.09 | 0.24 |

STATION NUMBER: G46R44 DATE: 27-10-95
LATITUDE: 36.46` TIME: 18.40
LONGITUDE: 34.44` TOTAL DEPTH: 10.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.48 | 38.72 | 26.62 | -99 | 0.04 | 0.11 | 0.47 |

STATION NUMBER: G46R37 DATE: 27-10-95
LATITUDE: 36.46` TIME: 19.56
LONGITUDE: 34.37` TOTAL DEPTH: 12.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.05 | 38.73 | 26.75 | -99 | 0.11 | 0.16 | 0.47 |

STATION NUMBER: G41R35 DATE: 27-10-95
LATITUDE: 36.41` TIME: 20.49
LONGITUDE: 34.35` TOTAL DEPTH: 48.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.89 | 39.24 | 26.89 | -99 | 0.05 | 0.11 | 0.65 |
| 10 | 23.88 | 39.25 | 26.90 | 217.2 | 0.04 | 0.07 | 0.88 |
| 20 | 23.84 | 39.30 | 26.95 | 216.9 | 0.04 | 0.07 | 0.82 |
| 30 | 23.86 | 39.35 | 26.98 | 213.0 | 0.02 | 0.05 | 1.00 |
| 40 | 23.94 | 39.44 | 27.02 | 210.6 | 0.02 | 0.07 | 1.24 |

STATION NUMBER: G34R22 DATE: 27-10-95
LATITUDE: 36.34` TIME: 22.16
LONGITUDE: 34.22` TOTAL DEPTH: 88.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.60 | 39.53 | 26.89 | -99 | 0.02 | 0.11 | 1.24 |
| 15 | 24.60 | 39.53 | 26.89 | 207.4 | 0.03 | 0.09 | 1.24 |
| 25 | 24.59 | 39.53 | 26.90 | 207.3 | 0.02 | 0.09 | 1.24 |
| 50 | 24.03 | 39.41 | 26.98 | 215.3 | 0.03 | 0.09 | 1.12 |
| 65 | 18.92 | 38.89 | 28.02 | 252.5 | 0.02 | 0.08 | 0.88 |
| 75 | 18.05 | 38.87 | 28.23 | 248.2 | 0.02 | 0.09 | 1.00 |
| 85 | 17.64 | 38.88 | 28.34 | 246.9 | 0.03 | 0.11 | 1.00 |

STATION NUMBER: G17R03 DATE: 28-10-95
LATITUDE: 36.17` TIME: 04.06
LONGITUDE: 34.03` TOTAL DEPTH: 19.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.05 | 39.21 | 26.82 | 206.0 | 0.04 | 0.39 | 2.18 |
| 10 | 24.16 | 39.40 | 26.93 | 213.5 | 0.04 | 0.16 | 1.65 |
| 15 | 24.26 | 39.46 | 26.95 | 211.1 | 0.11 | 0.05 | 1.29 |

STATION NUMBER: G13R00 DATE: 28 10-95
LATITUDE: 36.13` TIME: 05.27
LONGITUDE: 34.00` TOTAL DEPTH: 32.0 m.
SECCHI DISK: 4.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.04 | 39.36 | 26.93 | 211.2 | 0.05 | 0.10 | 1.71 |
| 10 | 24.04 | 39.36 | 26.93 | 210.6 | 0.06 | 0.08 | 2.00 |
| 20 | 24.03 | 39.36 | 26.94 | 209.8 | 0.04 | 0.04 | 1.47 |
| 30 | 24.12 | 39.46 | 26.98 | 207.0 | 0.02 | 0.09 | 1.32 |

STATION NUMBER: G16Q53 DATE: 28-10-95
LATITUDE: 36.16 TIME: 06.45
LONGITUDE: 33.53 TOTAL DEPTH: 35.0 m.
SECCHI DISK: 10.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.21 | 39.53 | 27.01 | 209.4 | 0.02 | 0.09 | 1.82 |
| 10 | 24.19 | 39.53 | 27.02 | 208.3 | 0.02 | 0.09 | 1.76 |
| 20 | 24.18 | 39.53 | 27.03 | 205.3 | 0.02 | 0.10 | 1.94 |
| 30 | 24.09 | 39.52 | 27.04 | 208.6 | 0.02 | 0.11 | 1.88 |

STATION NUMBER: G35T08 DATE: 27-10-95
LATITUDE: 36.35` TIME: 07.21
LONGITUDE: 36.08` TOTAL DEPTH: 23.0 m.
SECCHI DISK: 9.m

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 24.11 | 39.45 | 26.98 | -99 | 0.02 | 0.06 | 2.24 |
| 10 | 24.11 | 39.45 | 26.98 | 205.6 | 0.02 | 0.06 | 2.29 |
| 18 | 24.11 | 39.44 | 26.98 | 204.4 | 0.03 | 0.07 | 2.24 |

STATION NUMBER: G41R44 DATE: 27-10-95
LATITUDE: 36.41` TIME: 17.53
LONGITUDE: 34.44` TOTAL DEPTH: 42.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.54 | 38.99 | 26.80 | -99 | 0.27 | 0.11 | 1.53 |
| 15 | 24.20 | 39.40 | 26.91 | 209.6 | 0.05 | 0.10 | 1.47 |
| 25 | 24.04 | 39.46 | 27.01 | 210.0 | 0.07 | 0.10 | 1.24 |
| 40 | 24.02 | 39.46 | 27.02 | 207.2 | 0.05 | 0.09 | 1.24 |

STATION NUMBER: G47R42 DATE: 27-10-95
LATITUDE: 36.47` TIME: 19.23
LONGITUDE: 34.42` TOTAL DEPTH: 8.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.67 | 39.10 | 26.85 | -99 | 0.04 | 0.11 | 0.35 |

STATION NUMBER: G46R35 DATE: 27-10-95
LATITUDE: 36.46` TIME: 20.10
LONGITUDE: 34.35` TOTAL DEPTH: 8.0 m.
SECCHI DISK:

| Dep. | Temp. | Sal. | Sig.T | DOW | PO4-P | NO3-N + NO2-N | Si |
|---|---|---|---|---|---|---|---|
| 1 | 23.02 | 38.74 | 26.77 | -99 | 0.22 | 0.34 | 0.94 |