VERBETERING GETIJAFREGELING in CSM-16

Taakrapporten 1 tm 4

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Z-262

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Door opdrachtgever gebrandeld

waterloopkundig laboratorium|WL

Onderwerp: Verbetering getijafregeling CSM-16
Taak 1.1 (herziening)
Project : z262-00

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Van : A.C. Bijlsma
Datum : 13 juni 1988

Taak 1.1 Vergelijking van getijkonstanten van run 476 (CSM-8) met die van het prototype.

1.
In [1] zijn voor CSM-8 van 55 stations de tijdreeksen uit run 476 (G47, 6 maanden) op 47 getijkomponenten geanalyseerd met HATYAN. Voor een zestiental komponenten is een vergelijking gemaakt met konstanten gebaseerd op waarnemingen, waarbij het amplitudeverschil en het faseverschil zijn gegeven, zie [1]. Tabellen 3.34 - 3.40.
In [1] Tabel 3.41 zijn voor een tweetal stations (Wick, Hoek van Holland) de berekende (476) en de waargenomen (O) getijkonstanten van de belangrijkste komponenten vergeleken aan de hand van de verschillen in amplitude en fase en de maximale fout (verschil) die als gevolg daarvan (per komponent) kan optreden.

De laatstgenoemde vergelijking wordt in deze notitie voor een groter aantal stations uitgevoerd, om te bestuderen voor welke komponenten het toevoegen van randvoorwaarden zinvol is.

2.
De gewenste tabellen zijn opgesteld met het programma GETKMP (GWWLZ262*E-SOURCE.GETKMP/PROG), uitgaande van de getijkonstanten uit run 476 (GWAGJ85028*HATYAN-476.) en de getijkonstanten uit waarnemingen (GWWLZ262*D-HATYAN-OBS.).

Het maximale verschil (MD) in de waterstand ten gevolge van het amplitudeverschil en het faseverschil in een komponent is gelijk aan :

$$MD = SQRT\{ A1\ A1 - 2\ A1\ A2 \cos GD + A2\ A2 \}$$

$$= SQRT\{ 2 (A1\ A1 + AD\ A1) (1 - \cos GD) + AD\ AD \}$$

waarin
A1 : amplitude uit de CSM berekening
A2 : amplitude uit waarnemingen
AD : A1 - A2
GD : verschil in fase uit CSM berekening en uit waarnemingen

MD is afhankelijk van AD en GD, maar ook van A1 . Speciale gevallen zijn

$$GD = 0 \quad : \quad MD = AD$$

$$AD = 0 \quad : \quad MD = 2\ A1\ |\ \sin(\ GD/2\ )\ |$$

Voor 27 stations zijn betrouwbare sets getijkonstanten beschikbaar, gebaseerd op analyses van waarnemingsreeksen van een jaar of langer. Deze stations zijn gelegen aan de Britse oostkust (Wick - Cromer - Dover), aan en de Belgisch-Nederlands-Duitse kust (Duinkerken - Helgoland), in de Zuidelijke Noordzee (Goeree, Euro-0, K13A en Ekofisk) en in het Kanaal. Daar naast zijn nog 5 stations van de JONSDAP 1976 raai op ca. 59 deg. N toegevoegd.
Voor de betreffende stations zijn de vergelijkingstabellen bepaald, zie de bijlage. Daarbij heeft de set van 47 komponenten uit de HATYAN analyse van run 476 als uitgangspunt gediend. Op een aantal plaatsen zijn niet van al deze komponenten de waargenomen konstanten beschikbaar.
Een speciaal geval vormen de komponenten 2MN2 en L2, die dezelfde frequentie doch verschillende astronomische argumenten (V0 + u) en knoopfaktoren (f) hebben. Voor Nederlandse stations wordt doorgaans 2MN2 bepaald, en in de Britse stations L2. Deze laatste gegevens zijn in de tabellen verwerkt door in het programma GETKMP de fase van L2 te korrigeren met het faseverschil van L2 en 2MN2 aan het begin van de CSM berekening (13 maart 1976 0:00 GMT)

$$\begin{aligned} G(2MN2) &= G(L2) + \{V0 + u\}(2MN2) - \{V0 + u\}(L2) \\ &= G(L2) - 170.6 \text{ deg} \end{aligned}$$

De amplitudekorrektie

$$\begin{aligned} A(2MN2) &= A(L2)\ f(L2) / f(2MN2) \\ &= A(L2)\ 0.843 \end{aligned}$$

is tevens toegepast.

Een overzicht van de maximale verschillen (MD) is gegeven in Tabel 1.

Maximale verschillen van meer dan 2 cm treden frequent op, behalve in de 1 en 2 x daagse band ook in de 0, 4,6 en 8 x daagse band. In eerste instantie zijn de verschillen bij de hoofdkomponenten van belang, aangezien de verschillen bij de samengestelde komponenten hiervan weer een afgeleide kunnen zijn.
Maximale verschillen van meer dan 5 cm worden gevonden voor de hoofdkomponenten (in volgorde van afnemende MD) : M2, Sa, S2, Nu2, Mu2, 2MN2 (L2), N2 en Q1. Vervolgens liggen boven het kriterium van 2 cm gehanteerd in [1]) nog: P1, K1, O1, Labda2 en K2.

Sa, met een periode van een jaar, is deels van astronomische en deels van meteorologische oorsprong. Opneming in de randvoorwaarden wordt niet overwogen. Het probleem dat Sa thans voorkomt in zowel de getijtafels als in de voorspelde surge (voor wat betreft het meteorologische deel) verdient nog nadere aandacht, maar valt buiten het bestek van deze notitie.
Bij de interpretatie van Tabel 1 dient o.a. rekening gehouden te worden met de invloed van de roosterschematisatie via de afrond fout op de geografische positie van de beschouwde stations.

Het effekt hiervan in CSM-8, bij een maatgevende afstand van 0.7 DX (ca. 6 km) , is voor enkeldaagse komponenten MD = O(0.01 m) (A = 0.3 m, AD = 0 en GD = 1 deg, Britse oostkust) en voor de dubbeldaagse M2 komponent MD = O(0.1 m) (A = 1 m, AD = 0.05 m en GD = 5 deg, Hoek van Holland). Een signifikant deel van de bijdragen in tabel 1 ligt nog boven deze niveau's.
De grootste maximale verschillen (MD) worden gevonden bij de komponenten M2 en S2 uit de bestaande set getijrandvoorwaarden. De meest extreme waarden zijn afkomstig van Dover en kunnen gerelateeerd worden aan de lokale schematisatie.
Andere extreme bijdragen zijn afkomstig van Dieppe voor Nu2 en 2MN2.
Extreme bijdragen voor samengestelde komponenten zijn afkomstig van Vlissingen voor de 3, 6 en 8 x daagse band en van Delfzijl voor de 4 x daagse band.

Een verbetering van de getijweergave in CSM-8 lijkt voor een deel nog met de bestaande set randvoorwaarden mogelijk, speciaal met M2 en S2.
Verdere verbeteringen vereisen het opleggen van extra getijkomponenten op de rand, in de dubbeldaagse band Mu2, Nu2 en L2 (op de rand is L2 geschikter dan de interaktie komponent 2MN2), en in de enkeldaagse band Q1 en P1.

3.
In CSM-16 zal de afronding van geografische coordinaten naar roostercoordinaten een grotere invloed hebben op de vergelijking van getijkonstanten, afgeleid uit CSM-berekeningen en uit waarnemingen, zoals hier boven uitgevoerd voor individuele stations. Er mag echter verwacht worden dat door het toevoegen van getijkomponenten in de randvoorwaarde, in CSM-16 een systematische verbetering van de getijweergave optreedt die van dezelfde orde is als in CSM-8.

Referentie

1. Verboom, G.K. et al
Een model van het Europese Kontinentale Plat voor windopzet en waterkwaliteitsberekeningen.
Delft, Waterloopkundig Laboratorium en Rijkswaterstaat - Dienst Getijdewateren, rapport Z96.00 / GWAO-87.021, 1987.

CONSTI-TUENT	NOT AVAILABLE	MAX. DIFFERENCE (CM)					
		0.0-1.9	2.0-4.9	5.0-9.9	10.0-19.9	20.0-49.9	50.0=<
SA	8		1	15	8		
Q1	2	4	24	2			
O1		19	13				
M1C	18	13	1				
P1	1	11	20				
K1		19	13				
3MS2	18	14					
MNS2	8	23	1				
NLK2	21	8	3				
MU2	1	6	15	10			
N2		13	17	2			
NU2	4	7	11	9	1		
M2		3	2	16	10	1	
LABDA2	8	15	8	1			
2MN2	2	11	13	4	2		
S2		6	13	12	1		
K2	1	25	6				
MSN2	9	22	1				
2SM2	1	31					
SKM2	17	15					
2MK3	20	11	1				
MK3	2	29	1				
2MNS4	19	12	1				
3MS4	18	7	6	1			
MN4	1	22	8	1			
2MLS4	19	12	1				
M4	1	8	16	6	1		
3MN4	17	11	4				
MS4	1	18	12	1			
MK4	8	23	1				
2MSN4	21	11					
S4	9	23					
3MK5	18	14					
3MO5	18	14					
4MS6	19	12	1				
2MN6	2	29		1			
2MNU6	19	13					
M6	1	25	5		1		
2MS6	1	25	5		1		
2MK6	8	23	1				
3MSN6	18	13	1				
3MN8	17	14	1				
M8	15	16	1				
2MSN8	17	14	1				
3MS8	17	13	1	1			
2(MS)8	17	15					
4MS10	20	11	1				

TABEL 1: OVERZICHT VAN DE MAXIMALE VERSCHILLEN VOOR 47 GETIJKOMPONENTEN IN 32 STATIONS, RUN=476 (CSM-8).

Onderwerp: Verbetering getijafregeling CSM-16
Project : z262-00

Aan : J.G. de Ronde, A. Langerak, H.W. Riepma, H. Gerritsen.
Van : A.C. Bijlsma
Datum : 3 juni 1988

Taak 2.1 Opstellen van additionele randvoorwaarden door middel van astronomische koppeling.

1. Komponenten

Op basis van de resultaten van taak 1 worden randvoorwaarden gezocht voor de komponenten Q1, P1, Mu2, Nu2 en L2 door middel van astronomische koppeling aan resp. O1, K1, M2, N2 en M2.
De amplitude verhoudingen en faseverschuivingen worden afgeleid uit de getijkonstanten gebaseerd op een of meer jaar waarnemingen in stations zo dicht mogelijk bij de model rand.

Bij POL (Bidston, UK) zijn gegevens in gewonnen voor de stations uit de onderstaande tabel.

station	geogr. positie deg:min:sec		waarnemings periode	reekslengte (jaar)	aantal komp.
Lerwick	60:09: N	1:08: W	1966-1972	5,3	60
Stornoway	58:12:0,0 N	6:23:0,0 W	1959-1961	1,8	60
Malin Head	55:23: N	7:24: W	?	?	94
St Mary's	49:55: N	6:20: W	1968-1973	5,8	60
Newlyn	50:06:8,7 N	5:32:30,0W	1972-1973	1,0	98
Brest	48:23: N	4:30: W	1953-1970	18	48

Tabel 1: Referentie stations voor astronomische koppeling.

Deze stations worden in de literatuur regelmatig gebruikt als referentie voor de astronomische splitsing van getijkomponenten bij de analyse van maandreeksen in stations gelegen langs de shelf-rand.

In tabel 2 is voor deze stations aangegeven:
- de amplitude-verhouding A(i)/A(j) tussen neven- en hoofdkomponenten, resp. i en j.
- het faseverschil G(j) - G(i) in deg.

2. Opstellen nieuwe randvoorwaarden.

De randvoorwaarden zijn alsvolgt uitgebreid:

A. Met programma MOVRVW (GWWLZ262*E-SOURCE.MOVRVW/**********) zijn de randvoorwaarden van IDP=B25 herleid tot pure getijkonstanten.

Input files:	E-C16-IDP.KNOOPFAK/760313	(knoopfaktoren)
	E-C16-IDP.KNOOPFAK/000000	(f=1, V0+u=0)
	E-C16-IDP.CARDSET12-19/760313-6KMP	(uit B25)
Output:	E-C16-IDP.CARDSET12-19/000000-6KMP	(getijkonstanten)

B. Het programma ADDRVW (GWWLZ262*E-SOURCE.ADDRVW/**********) voegt door middel van astronomische koppeling aan de bestaande komponenten de nieuwe getijkomponenten in randvoorwaarde format toe. Per randdeel (noord, noord-west, west, zuid) wordt lineair geinterpoleerd tussen de amplitude verhouding en het faseverschil, opgegeven voor het eerste en het laatste aktieve randpunt, zie de laatste kolom van Tabel 2. Hier door is langs de rand enige differentiatie mogelijk, wat met name van belang is voor de faseverschillen.
De gegevens van Malin Head zijn niet gebruikt wegens
- de onbekende duur van de waarnemingsreeks (maar minstens 1 jr)
- de ligging nabij de M2-amfidromie in het North Channel.
De gegevens van Newlyn en St Mary's verschillen nogal, vooral qua fase. I.v.m. de langere waarnemingsperiode zijn die van St Mary's toegepast.
Een kontrole op de hier gedane keuzes vormen de uiteindelijk uit de CSM-16 run resulterende amplitude verhoudingen en faseverschillen in de referentie stations (zie taak 4.2).

Input files:	E-C16-IDP.ASTRO/KOPPELING	
	E-C16-IDP.CARDSET12-19/000000-6KMP	
Output:	E-C16-IDP.CARDSET12-19/000000-11KMP	

C. Met MOVRVW (geschikt gemaakt voor 11 komponenten) zijn uit de getijkonstanten tenslotte de nieuwe randvoorwaarden behorende bij start datum 13 maart 1976 0:00 GMT bepaald.

Input files:	E-C16-IDP.KNOOPFAK/000000	
	E-C16-IDP.KNOOPFAK/760313	
	E-C16-IDP.CARDSET12-19/000000-11KMP	(getijkonst.)
Output:	E-C16-IDP.CARDSET12-19/760331-11KMP	(randvoorw.)

Deze laatste file is in IDP=C03 gebruikt, zie taak 4.1.

De bovenstaande programmas zijn voorzien van een redelijke interne documentatie.
Met deze programmas kunnen vlot randvoorwaarden worden gewijzigd, b.v.:
- keuze van een andere uitgangs IDP dan B25,
- introductie van andere en/of extra gekoppelde komponenten en
- opleggen van andere amplitude verhoudingen en faseverschillen.

komponent i j	Q1 O1	P1 K1	Mu2 M2	Nu2 N2	L2 M2	rand punten
A(i)/A(j)						
Lerwick	0,37	0,31	0,040	0,183	0,023	A1,B4,B10
Stornoway	0,32	0,28	0,041	0,181	0,022	A5,B18
Malin Head	0,33	0,27	0,052	0,183	0,016	
St Mary's	0,33	0,31	0,027	0,197	0,035	A11,A19
Newlyn	0,31	0,33	0,031	0,224	0,041	
Brest	0,31	0,37	0,043	0,180	0,033	B23
evenwichts- getij	0,191	0,328	0,031	0,194	0,029	
G(j)-G(i)						
Lerwick	54,8	16,1	43,9	-0,4	-22,0	A1,B4,B10
Stornoway	52,6	6,6	56,5	-7,0	-25,7	A5,B18
Malin Head	62,3	2,6	70,2	-6,2	-27,4	
St Mary's	51,8	2,3	-9,5	4,9	-9,1	A11,A19
Newlyn	39,9	13,2	-32,7	7,3	2,6	
Brest	46,8	7,6	5,9	4,2	4,5	B23

Tabel 2: Amplitude verhoudingen en faseverschillen.

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Van : A.C. Bijlsma
Datum : 16 juni 1988

Taak 3 CSM-16 run van 6 maanden, met basis getijrandvoorwaarden

Taak 3.1 SIM2D run

- Uitgangspunt is de CSM-16 IDP op GWAGCSM16*CSM16-IDPB25.
- Wijzigingen:
  Simulatie periode : 00:00 GMT 13.03.76 - 00:00 GMT 17.09.76
  188 dagen.
  Permanent restart met wegschrijven van waterstanden (100 stations), stroomsnelheden (21 stations) en 1 debietraai met intervallen van een uur in een history file.
  De ligging t.o.v. de kust van de aan B25 toegevoegde stations is gekontroleerd.
  Er wordt geen mapfile aangemaakt.
  Nieuwe OPC = C02 .
- De IDP staat op GWWLZ262*E-C16-IDP.C02
- De time history resultaten staan op GWWLZ262*WAQUA30AC02
- Rekentijden: SUPS TOTAL 8:48 (uur:min)
  CPU 8:33
  I/O 0:11
  CC/ER 0:04
  WAIT 0:00
- NB: - Bulk print file (11H): afmetingen tweemaal zo groot gemaakt.
  - Default kwantum MAX CARDS moest uitgebreid worden voor de gebruikte qualifier (anders run na 5,5 maand afgebroken op MAX CARDS).
  - In SIMFIL en SDDPUN moet de parameter ORG,SEQ opgegeven worden (werken met sequentiele files i.p.v. default random access files)

Taak 3.2 HATYAN analyses van de tijdreeksen

- 65 stations zijn met HATYAN geanalyseerd op 47 komponenten, na verwijdering van de eerste 5 dagen van de tijdreeks i.v.m. inspeeleffekten (netto reekslengte = 183 dagen).
- Bij de analyse gehanteerde files:
  GWWLZ262*CSM16-STND (runprocedures)
  *HATYAN-47K (input)
- In de analyse zijn de in B25 met -2* gemerkte posities meegenomen i.p.v. de oude posities van de betreffende stations.
- De analyse resultaten staan op file GWWLZ262*D-HATYAN-C02.

Taak 3.3 Tabellen voor maximale verschillen (MD)

- Conform Taak 1.1 zijn per station tabellen bepaald voor de maximale verschillen die per komponent optreden in de waterstand onder invloed van amplitude en fase verschillen tussen berekende en 'gemeten' getijkonstanten.
- Bijlage 1 bevat de tabellen voor dezelfde 32 stations als in Taak 1.1 .
- Een overzicht van de resultaten uit Bijlage 1 is opgenomen in Tabel 1.
- Bijlage 2 bevat de tabellen van maximale verschillen van de overige 9 stations, die relatief dicht bij de modelrand liggen.
- Tabel 2 bevat een overzicht van Bijlage 2.

Discussie van de resultaten

Bij vergelijking van Tabel 1 (run=C02, CSM-16) met Tabel 1 uit Taak 1.1 (run=476, CSM-8) valt op dat de resultaten globaal goed overeenstemmen. De weergave van de 2 x daagse komponenten is in C02 iets minder goed dan in 476, met name voor M2. Dit is voor een deel te wijten aan de resultaten in Vlissingen en Harlingen, die inmiddels zijn verbeterd (zie run=B33). Verder is ook het grovere rooster van CSM-16 van invloed op de vergelijking van berekende en waargenomen getijkonstanten.
In de 3, 6 en 8 x daagse band zijn in C02 de resultaten van Vlissingen beter dan in 476. In de 4 x daagse band komen de meest extreme bijdragen in C02 wederom van Delfzijl.

De konklusie uit Taak 1.1 , dat ook in CSM-16 de getijweergave kan worden verbeterd door toevoeging van randvoorwaarden voor Q1, P1, Mu2, Nu2 en L2 , wordt hiermee bevestigd.

In Bijlage 2 ('buiten stations') valt op dat het faseverschil (GD) tussen C02 en O (observed) alleen klein is voor de komponenten die in de randvoorwaarde zijn op genomen. Hieruit kan worden opgemaakt dat in de betreffende gebieden randvoorwaarden van groot belang zijn voor een goede weergave van alle getijkomponenten, waar onder de samengestelde komponenten met relatief kleine amplituden (en kleine MD). Hoe ver deze invloed zich voor de samengestelde komponenten in het model uitstrekt is niet zonder meer duidelijk.

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Datum : 16 juni 1988

Taak 4 CSM-16 run van 6 maanden, met extra getijrandvoorwaarden

Taak 4.1 SIM2D run

- Uitgangspunt is de CSM-16 IDP met OPC = C02 uit Taak 3.
- Wijzigingen:
  toevoegen randvoorwaarden voor Q1, P1, Mu2, Nu2 en L2, zie Taak 2
  nieuwe OPC = C03
- De IDP staat op GWWLZ262*E-CSM-IDP.C03
- De time history resultaten staan op GWWLZ262*WAQUA30AC03
- Rekentijden: SUPS TOTAL 8:57 (uur:min)
  CPU 8:42
  I/O 0:11
  CC/ER 0:04
  WAIT 0:00

  De toevoeging van de 5 getijkomponenten op de rand kost slechts 9 min rekentijd per half jaar simulatie.

Taak 4.2 HATYAN analyses van de tijdreeksen

- Conform Taak 3.2.
- De analyse resultaten staan op file GWWLZ262*D-HATYAN-C03
- De gerealiseerde amplitude verhoudingen en faseverschillen in de referentie stations van Taak 2.1 zijn gegeven in Tabel 3.

Taak 4.3 Tabellen voor maximale verschillen (MD)

- Bijlage 1 bevat de tabellen voor dezelfde 32 stations als in Taak 1.1 en 3.3.
- Een overzicht van de resultaten uit Bijlage 1 is opgenomen in Tabel 1.
- Bijlage 2 bevat de tabellen van de maximale verschillen van de overige 9 stations, vergelijk Taak 3.3.
- Tabel 2 bevat een overzicht van Bijlage 2.

Discussie van de resultaten

Uit de vergelijking van Tabel 1 en 2 van C03 met die van C02 (Taak 3) volgt dat de toevoeging van randvoorwaarden voor Q1, P1 en Nu2 reeds in de eerste opzet tot zeer goede resultaten heeft geleid; MD is aanmerkelijk teruggebracht. Ook L2 (2MN2) toont een behoorlijke verbetering. De weergave van Mu2 lijkt slechts weinig verbeterd. De overige komponenten zijn niet noemenswaardig bein-

Conclusie: Q_1, P_1, Nu_2 en L_2 1 aanpassen.
Mu_2 voorlopig niet

vloed door de toevoeging van de nieuwe komponenten op de rand.

Beschouwen we Mu2 in meer detail (Bijlages 1 en 2 van Taak 3 en 4) dan kan het volgende worden vast gesteld.
In C02 ontstaat via interne opwekking een Mu2 bijdrage. In de buiten gebieden is de amplitude te klein, en tussen Aberdeen, Dover en Helgoland te groot. Hierbij komen grote tot zeer grote fase fouten voor, behalve bij de Nederlandse kust.
In C03 zijn de fases algemeen sterk verbeterd, met uitzondering van Cromer, de Nederlandse kust (enkele tot enkele tientallen graden slechter) en de Keltische Zee (hier rijzen echter vragen ten aanzien van de kwaliteit van de fase van Mu2 uit de maand analyses in station F, G en H: zie de faseverschillen G(M2)-G(Mu2)). De amplitude is nu langs de GENO-rand (Wick - J-57) iets te groot. In de Keltische Zee is de amplitude verbeterd, maar nog iets te klein. Langs de Britse oost kust is een verbetering waarneembaar, bij de Nederlandse kust en in het Kanaal is de amplitude verslechterd.
Kennelijk is de werkelijke Mu2 komponent het resultaat van een vrij komplex samenspel tussen randvoorwaarden van astronomische oorsprong en intern opgewekte bijdragen.

De indruk is dat door bijstelling van de randvoorwaarden verdere verbeteringen mogelijk zijn, met name voor Mu2. Vergelijking van Tabel 3 met Tabel 2 uit Taak 2.1 levert aanwijzingen op voor de eventuele bijstelling.
Koppeling van Mu2 aan de qua frequentie dichterbij gelegen komponent N2 zal weinig verbetering opleveren aangezien dit grootschalig gezien dezelfde randvoorwaarde voor Mu2 oplevert als bij koppeling aan M2, zie Tabel 4. Slechts detailverschillen tussen M2 en N2 (bv. het fase verloop langs de noord rand) hebben invloed. Ten aanzien van het faseverschil voor station I in Tabel 4 geldt de eerder voor de stations F,G en H gedane opmerking.

komponent i j	Q1 O1	P1 K1	Mu2 M2	Nu2 N2	L2 M2
A(i)/A(j)					
Lerwick	0,335	0,269	0,060	0,166	0,007
Stornoway	0,350	0,252	0,043	0,178	0,021
Malin Head	0,261	0,289	0,037	0,195	0,025
St Mary's	0,291	0,367	0,045	0,199	0,047
Newlyn	0,284	0,373	0,046	0,200	0,051
Brest-B23	0,31	0,37	0,043	0,180	0,033
evenwichts- getij	0,191	0,328	0,031	0,194	0,029
G(j)-G(i)					
Lerwick	57,1	22,2	68,6	-9,1	-68,5
Stornoway	57,9	8,5	51,9	-4,8	-28,0
Malin Head	43,4	9,7	67,2	-8,9	-46,7
St Mary's	52,0	5,8	-30,6	10,2	6,9
Newlyn	49,7	8,1	-37,0	11,1	7,2
Brest-B23	46,8	7,6	5,9	4,2	4,5

Tabel 3: Gerealiseerde amplitude verhoudingen en faseverschillen in C03 (L2 afgeleid uit 2MN2, zie Taak 1.1).

komponent i j	Mu2 N2	rand punten
A(i)/A(j)		
Lerwick	0,191	A1,B4,B10
Stornoway	0,202	A5,B18
Malin Head	0,250	
station I	0,237	
St Mary's	0,136	A11,A19
Newlyn	0,163	
Brest	0,209	B23
G(j)-G(i)		
Lerwick	21,8	A1,B4,B10
Stornoway	33,7	A5,B18
Malin Head	47,9	
station I	166.1	
St Mary's	-29,6	A11,A19
Newlyn	-51,8	
Brest	-12,7	B23

Tabel 4: Astronomische koppeling Mu2 en N2.
(station I: 47 dg. 51 min. N, 10 dg. 23 min. W)

CONSTI-TUENT	NOT AVAILABLE	MAX. DIFFERENCE (CM)					
		0.0-1.9	2.0-4.9	5.0-9.9	10.0-19.9	20.0-49.9	50.0=<
SA	8		1	15	8		
Q1	2	4	25	1			
O1		18	14				
M1C	18	12	2				
P1	1	11	20				
K1		17	15				
3MS2	18	14					
MNS2	8	23	1				
NLK2	21	7	4				
MU2	1	7	11	13			
N2		10	18	4			
NU2	4	7	11	9	1		
M2			5	9	14	3	1
LABDA2	8	14	9	1			
2MN2	2	10	12	6	2		
S2		6	13	9	4		
K2	1	20	11				
MSN2	9	21	2				
2SM2	1	31					
SKM2	17	15					
2MK3	20	12					
MK3	2	30					
2MNS4	19	13					
3MS4	18	6	8				
MN4	1	24	6	1			
2MLS4	19	12	1				
M4	1	12	8	9	2		
3MN4	17	11	4				
MS4	1	16	10	4	1		
MK4	8	21	3				
2MSN4	21	11					
S4	9	23					
3MK5	18	14					
3MO5	18	14					
4MS6	19	12	1				
2MN6	2	23	7				
2MNU6	19	13					
M6	1	15	12	4			
2MS6	1	15	12	4			
2MK6	8	22	2				
3MSN6	18	14					
3MN8	17	14	1				
M8	15	15	2				
2MSN8	17	14	1				
3MS8	17	9	6				
2(MS)8	17	15					
4MS10	20	10	2				

TABEL 1: OVERZICHT VAN DE MAXIMALE VERSCHILLEN VOOR 47 GETIJ-KOMPONENTEN IN 32 STATIONS, RUN-C02

CONSTI-TUENT	NOT AVAILABLE	MAX. DIFFERENCE (CM)				
		0.0-1.9	2.0-4.9	5.0-9.9	10.0-19.9	20.0-49.9	50.0=<
SA	3		1	4	1		
Q1		4	5				
O1		6	2	1			
M1C	9						
P1		4	5				
K1		6	3				
3MS2	6	3					
MNS2	3	6					
NLK2	9						
MU2		1	4	4			
N2		5	4				
NU2			2	7			
M2			3	1	4	1	
LABDA2	3	4	2				
2MN2		2	6	1			
S2		2	3	4			
K2		6	3				
MSN2	3	6					
2SM2		9					
SKM2	8	1					
2MK3	9						
MK3		9					
2MNS4	8	1					
3MS4	6	3					
MN4		7	2				
2MLS4	8	1					
M4		2	5	1	1		
3MN4	8	1					
MS4		5	3	1			
MK4	3	6					
2MSN4	9						
S4	3	6					
3MK5	6	3					
3MO5	6	3					
4MS6	6	3					
2MN6		8	1				
2MNU6	6	3					
M6		8	1				
2MS6		8	1				
2MK6	3	6					
3MSN6	7	2					
3MN8	6	3					
M8	6	3					
2MSN8	6	3					
3MS8	6	3					
2(MS)8	6	3					
4MS10	7	2					

TABEL 2: OVERZICHT VAN DE MAXIMALE VERSCHILLEN VOOR 47 GETIJ-KOMPONENTEN IN 9 OVERIGE STATIONS, RUN=C02

CONSTI-TUENT	NOT AVAILABLE	MAX. DIFFERENCE (CM)					
		0.0-1.9	2.0-4.9	5.0-9.9	10.0-19.9	20.0-49.9	50.0=<
SA	8		1	15	8		
Q1	2	28	2				
O1		17	15				
M1C	18	12	2				
P1	1	31					
K1		17	15				
3MS2	18	14					
MNS2	8	23	1				
NLK2	21	9	2				
MU2	1	8	15	8			
N2		9	18	5			
NU2	4	23	4	1			
M2			5	9	14	4	
LABDA2	8	21	3				
2MN2	2	19	10	1			
S2		5	12	11	4		
K2	1	20	11				
MSN2	9	22	1				
2SM2	1	30	1				
SKM2	17	15					
2MK3	20	12					
MK3	2	30					
2MNS4	19	12	1				
3MS4	18	12	2				
MN4	1	24	6	1			
2MLS4	19	12	1				
M4	1	12	8	9	2		
3MN4	17	11	4				
MS4	1	16	10	4	1		
MK4	8	21	3				
2MSN4	21	11					
S4	9	23					
3MK5	18	14					
3MO5	18	14					
4MS6	19	13					
2MN6	2	23	7				
2MNU6	19	13					
M6	1	15	12	4			
2MS6	1	15	12	4			
2MK6	8	22	2				
3MSN6	18	14					
3MN8	17	15					
M8	15	15	2				
2MSN8	17	14	1				
3MS8	17	9	6				
2(MS)8	17	15					
4MS10	20	10	2				

TABEL 1: OVERZICHT VAN DE MAXIMALE VERSCHILLEN VOOR 47 GETIJ-KONSTANTEN IN 32 STATIONS, RUN=C03

CONSTI-TUENT	NOT AVAILABLE	MAX. DIFFERENCE (CM)					
		0.0-1.9	2.0-4.9	5.0-9.9	10.0-19.9	20.0-49.9	50.0=<
SA	3		1	4	1		
Q1		8	1				
O1		6	2	1			
M1C	9						
P1		9					
K1		6	3				
3MS2	6	3					
MNS2	3	6					
NLK2	9						
MU2		3	3	2	1		
N2		5	4				
NU2		9					
M2			3	1	4	1	
LABDA2	3	4	2				
2MN2		4	5				
S2		2	3	4			
K2		7	2				
MSN2	3	6					
2SM2		9					
SKM2	8	1					
2MK3	9						
MK3		9					
2MNS4	8	1					
3MS4	6	3					
MN4		7	2				
2MLS4	8	1					
M4		2	5	1	1		
3MN4	8	1					
MS4		5	3	1			
MK4	3	6					
2MSN4	9						
S4	3	6					
3MK5	6	3					
3MO5	6	3					
4MS6	6	3					
2MN6		8	1				
2MNU6	6	3					
M6		8	1				
2MS6		8	1				
2MK6	3	6					
3MSN6	7	2					
3MN8	6	3					
M8	6	3					
2MSN8	6	3					
3MS8	6	3					
2(MS)8	6	3					
4MS10	7	2					

TABEL 2: OVERZICHT VAN DE MAXIMALE VERSCHILLEN VOOR 47 GETIJ-KONSTANTEN IN DE OVERIGE 9 STATIONS, RUN=C03

STATION : J76-57
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.1			252.8			
17	Q1	.1	1.8	-1.7	94.1	261.5	-167.4	1.9
20	O1	2.2	2.3	-.1	8.4	39.6	-31.2	1.2
24	M1C	.1			274.2			
33	P1	.1	.6	-.5	196.8	149.6	47.2	.5
35	K1	2.5	2.0	.5	171.2	165.8	5.4	.5
48	3MS2	.3			21.7			
51	MNS2	.2			245.4			
54	NLK2	.4			75.9			
56	MU2	1.5	1.5	.0	272.7	277.4	-4.7	.1
59	N2	3.5	4.7	-1.2	272.8	261.8	11.0	1.4
60	NU2	.4	.9	-.5	130.1	262.2	-132.1	1.2
65	M2	16.8	24.5	-7.7	280.4	286.1	-5.7	8.0
70	LABDA2	.2			194.1			
71	2MN2	.8	1.0	-.3	22.9	93.7	-70.8	1.0
77	S2	8.8	9.9	-1.1	325.4	328.3	-2.9	1.2
79	K2	2.8	2.8	.0	331.9	324.8	7.1	.3
80	MSN2	.2			111.5			
85	2SM2	.2	.2	.0	146.2	7.3	138.9	.4
86	SKM2	.1			124.4			
94	2MK3	.3			128.7			
98	MK3	.2	.1	.1	311.0	345.6	-34.6	.1
105	2MNS4	.3			28.3			
108	3MS4	.5			61.3			
110	MN4	1.5	.3	1.2	280.2	215.0	65.2	1.4
111	2MLS4	.1			70.1			
113	M4	3.7	1.1	2.6	311.6	260.2	51.4	3.2
116	3MN4	.2			153.7			
118	MS4	2.5	.9	1.6	8.7	5.2	3.5	1.6
119	MK4	.8			18.4			
121	2MSN4	.2			200.2			
123	S4	.3			77.9			
129	3MK5	.1			92.1			
134	3MO5	.1			253.9			
140	4MS6	.2			247.2			
142	2MN6	.7	.7	.0	76.6	45.3	31.3	.4
143	2MNU6	.0			117.4			
145	M6	1.2	1.0	.2	106.2	68.5	37.7	.8
151	2MS6	1.5	1.1	.4	156.5	122.3	34.2	.9
152	2MK6	.4			157.3			
154	3MSN6	.3			19.3			
165	3MN8	.2			285.8			
167	M8	.3			327.6			
168	2MSN8	.2			31.5			
170	3MS8	.3			65.8			
174	2(MS)8	.1			150.8			
186	4MS10	.1			2.3			

STATION : J76-56
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.1			250.7			
17	Q1	.1	2.1	-2.0	93.3	256.9	-163.7	2.2
20	O1	3.3	3.9	-.7	31.8	48.4	-16.7	1.2
24	M1C	.1			255.4			
33	P1	.1	.8	-.7	184.2	167.9	16.3	.7
35	K1	3.8	2.5	1.3	183.8	184.0	-.2	1.3
48	3MS2	.3			4.6			
51	MNS2	.2			219.5			
54	NLK2	.3			57.8			
56	MU2	1.2	1.8	-.6	256.6	274.6	-18.0	.8
59	N2	5.8	6.3	-.5	296.0	285.3	10.7	1.2
60	NU2	.3	1.2	-.9	117.4	285.7	-168.3	1.5
65	M2	25.1	32.2	-7.1	311.6	308.9	2.7	7.2
70	LABDA2	.1			194.6			
71	2MN2	.6	.8	-.2	11.3	125.0	-113.8	1.2
77	S2	11.9	12.5	-.6	343.7	345.2	-1.5	.7
79	K2	3.7	3.5	.2	349.5	341.7	7.8	.5
80	MSN2	.2			105.6			
85	2SM2	.2	.0	.2	142.5	357.6	144.9	.2
86	SKM2	.1			115.6			
94	2MK3	.3			125.3			
98	MK3	.2	.1	.1	311.2	249.0	62.2	.2
105	2MNS4	.3			24.6			
108	3MS4	.5			55.6			
110	MN4	1.4	.4	1.0	275.2	228.0	47.2	1.2
111	2MLS4	.1			70.6			
113	M4	3.5	1.2	2.3	306.8	261.8	45.0	2.8
116	3MN4	.2			149.6			
118	MS4	2.3	1.0	1.3	5.6	.2	5.4	1.4
119	MK4	.7			17.2			
121	2MSN4	.2			200.9			
123	S4	.3			78.0			
129	3MK5	.1			135.4			
134	3MO5	.1			319.1			
140	4MS6	.2			233.1			
142	2MN6	.5	.4	.1	56.1	27.1	29.0	.2
143	2MNU6	.1			100.6			
145	M6	.8	.6	.2	87.5	48.5	39.0	.5
151	2MS6	1.0	.7	.3	131.1	105.3	25.9	.5
152	2MK6	.3			134.7			
154	3MSN6	.2			1.5			
165	3MN8	.1			6.6			
167	M8	.1			53.8			
168	2MSN8	.1			110.4			
170	3MS8	.2			155.6			
174	2(MS)8	.1			246.5			
186	4MS10	.2			253.4			

STATION : J76-55
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.1			233.2			
17	Q1	.1	2.1	-2.0	95.3	309.8	145.5	2.2
20	O1	4.5	6.6	-2.1	34.4	39.0	-4.6	2.1
24	M1C	.1			235.6			
33	P1	.1	1.4	-1.3	174.9	172.9	2.0	1.3
35	K1	5.1	4.4	.7	182.9	189.1	-6.2	.8
48	3MS2	.3			350.2			
51	MNS2	.2			203.9			
54	NLK2	.3			41.4			
56	MU2	1.1	2.2	-1.1	242.6	271.7	-29.1	1.3
59	N2	8.1	10.1	-2.0	301.6	296.9	4.7	2.2
60	NU2	.3	1.8	-1.5	105.9	297.3	168.6	2.1
65	M2	35.0	49.1	-14.1	320.2	318.4	1.8	14.1
70	LABDA2	.1			197.1			
71	2MN2	.5	1.3	-.7	6.1	136.5	-130.4	1.7
77	S2	15.3	18.0	-2.7	349.9	353.9	-4.0	3.0
79	K2	4.7	5.0	-.3	355.9	350.4	5.5	.6
80	MSN2	.2			107.8			
85	2SM2	.2	.4	-.2	140.9	37.7	103.2	.5
86	SKM2	.1			127.8			
94	2MK3	.4			126.0			
98	MK3	.3	.2	.1	315.4	39.8	-84.4	.3
105	2MNS4	.2			18.3			
108	3MS4	.4			45.2			
110	MN4	1.0	.7	.3	264.7	241.5	23.2	.5
111	2MLS4	.1			62.9			
113	M4	2.7	1.3	1.4	295.7	275.5	20.2	1.6
116	3MN4	.2			137.8			
118	MS4	1.8	.9	.9	359.1	6.8	-7.7	.9
119	MK4	.6			10.9			
121	2MSN4	.2			190.0			
123	S4	.2			82.7			
129	3MK5	.2			153.0			
134	3MO5	.2			344.3			
140	4MS6	.1			157.7			
142	2MN6	.4	.5	-.1	303.9	227.7	76.2	.6
143	2MNU6	.0			86.6			
145	M6	.7	.7	.0	329.5	240.5	89.0	1.0
151	2MS6	1.1	.9	.2	15.8	281.9	93.9	1.5
152	2MK6	.3			14.0			
154	3MSN6	.2			234.5			
165	3MN8	.3			89.3			
167	M8	.4			130.6			
168	2MSN8	.3			192.4			
170	3MS8	.7			220.4			
174	2(MS)8	.3			304.0			
186	4MS10	.4			221.9			

STATION : J76-54
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.1			99.1			
17	Q1	.1	3.2	-3.1	79.9	316.5	123.4	3.3
20	O1	6.9	9.1	-2.2	29.8	37.4	-7.6	2.4
24	M1C	.1			231.9			
33	P1	.2	2.1	-1.9	157.9	173.0	-15.1	1.9
35	K1	8.1	6.6	1.5	180.0	189.2	-9.2	1.9
48	3MS2	.3			320.3			
51	MNS2	.2			156.0			
54	NLK2	.2			9.8			
56	MU2	1.0	2.6	-1.6	214.6	275.6	-61.0	2.3
59	N2	13.3	13.7	-.4	301.2	301.2	.0	.4
60	NU2	.3	2.5	-2.2	87.6	301.6	146.0	2.8
65	M2	58.2	66.6	-8.4	321.7	323.3	-1.6	8.6
70	LABDA2	.1			234.3			
71	2MN2	.5	1.7	-1.2	11.6	145.3	-133.7	2.0
77	S2	23.8	23.8	.0	351.5	359.7	-8.2	3.4
79	K2	7.2	6.6	.6	357.2	356.2	1.0	.6
80	MSN2	.3			123.4			
85	2SM2	.3	.5	-.2	148.0	56.4	91.6	.6
86	SKM2	.1			143.1			
94	2MK3	.5			128.1			
98	MK3	.3	.2	.1	322.9	48.1	-85.2	.4
105	2MNS4	.1			327.4			
108	3MS4	.2			4.2			
110	MN4	.2	.8	-.6	196.1	252.2	-56.1	.7
111	2MLS4	.1			38.1			
113	M4	.8	1.5	-.7	247.9	295.1	-47.2	1.1
116	3MN4	.1			103.9			
118	MS4	.3	.9	-.6	349.9	29.3	-39.4	.7
119	MK4	.1			6.2			
121	2MSN4	.1			174.6			
123	S4	.1			162.5			
129	3MK5	.2			170.7			
134	3MO5	.2			4.4			
140	4MS6	.4			77.4			
142	2MN6	1.1	.5	.6	261.4	212.0	49.4	.9
143	2MNU6	.1			316.1			
145	M6	1.9	.8	1.1	291.1	218.7	72.4	1.8
151	2MS6	2.2	1.0	1.2	337.4	266.6	70.8	2.1
152	2MK6	.6			338.8			
154	3MSN6	.4			202.8			
165	3MN8	.1			263.1			
167	M8	.1			308.3			
168	2MSN8	.1			55.5			
170	3MS8	.1			106.4			
174	2(MS)8	.1			181.1			
186	4MS10	.2			40.6			

STATION : J76-53
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.0			134.1			
17	Q1	.2	3.9	-3.7	93.6	325.6	128.0	4.0
20	O1	8.6	9.9	-1.3	26.8	31.7	-4.9	1.5
24	M1C	.1			254.8			
33	P1	.3	2.4	-2.1	169.7	169.9	-.2	2.1
35	K1	10.3	7.8	2.5	180.8	186.0	-5.2	2.6
48	3MS2	.5			309.0			
51	MNS2	.4			120.6			
54	NLK2	.4			326.9			
56	MU2	1.5	2.6	-1.1	183.0	295.1	-112.1	3.4
59	N2	18.7	15.7	3.0	305.6	304.3	1.3	3.1
60	NU2	.4	2.9	-2.5	66.1	304.7	121.4	3.1
65	M2	83.6	75.9	7.7	327.0	325.9	1.1	7.9
70	LABDA2	.2			293.6			
71	2MN2	.3	1.9	-1.7	24.1	138.8	-114.7	2.1
77	S2	33.2	26.8	6.4	357.2	3.7	-6.5	7.3
79	K2	10.0	7.4	2.6	3.0	.2	2.8	2.6
80	MSN2	.4			148.8			
85	2SM2	.4	.7	-.3	164.6	64.5	100.1	.9
86	SKM2	.2			159.6			
94	2MK3	.6			136.1			
98	MK3	.4	.3	.1	341.8	55.3	-73.5	.4
105	2MNS4	.1			243.9			
108	3MS4	.3			303.4			
110	MN4	.8	1.0	-.2	125.5	272.5	-147.0	1.8
111	2MLS4	.0			350.4			
113	M4	1.9	1.9	.0	171.0	308.1	-137.1	3.5
116	3MN4	.1			76.0			
118	MS4	1.1	1.0	.1	203.2	47.2	156.0	2.0
119	MK4	.4			211.6			
121	2MSN4	.0			132.2			
123	S4	.2			237.6			
129	3MK5	.0			28.5			
134	3MO5	.0			285.5			
140	4MS6	.3			80.6			
142	2MN6	.6	.4	.2	256.6	173.0	83.6	.7
143	2MNU6	.1			316.5			
145	M6	1.1	.7	.4	288.4	173.0	115.4	1.5
151	2MS6	1.2	.8	.4	328.0	216.0	112.0	1.7
152	2MK6	.3			329.9			
154	3MSN6	.2			198.5			
165	3MN8	.2			209.9			
167	M8	.2			247.1			
168	2MSN8	.1			283.3			
170	3MS8	.3			280.1			
174	2(MS)8	.0			13.1			
186	4MS10	.2			4.6			

STATION : WICK
OBSERVED : 59 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.2	11.8	-11.6	263.4	246.2	17.2	11.6
17	Q1	.2	4.2	-4.0	93.6	329.7	123.9	4.3
20	O1	9.7	11.5	-1.8	22.7	27.8	-5.1	2.1
24	M1C	.2			265.6			
33	P1	.3	3.4	-3.1	172.3	161.4	10.9	3.1
35	K1	11.6	10.6	1.0	178.7	175.3	3.4	1.2
48	3MS2	.6			300.9			
51	MNS2	.5	.3	.2	105.6	279.6	-174.0	.8
54	NLK2	.5			305.0			
56	MU2	1.9	2.0	-.1	162.7	313.6	-150.9	3.8
59	N2	22.0	19.8	2.2	300.6	300.6	.0	2.2
60	NU2	.4	4.5	-4.1	45.1	304.2	100.8	4.6
65	M2	99.5	101.1	-1.6	322.1	322.2	-.1	1.6
70	LABDA2	.4	1.7	-1.3	303.9	303.8	.1	1.3
71	2MN2	.2	1.8	-1.6	96.8	154.4	-57.6	1.7
77	S2	39.1	34.9	4.2	352.5	359.6	-7.1	6.2
79	K2	11.7	10.0	1.7	358.4	359.3	-.9	1.7
80	MSN2	.5	.5	.0	157.9	129.3	28.6	.3
85	2SM2	.5	.7	-.2	168.6	140.3	28.3	.3
86	SKM2	.3			163.5			
94	2MK3	.7			133.5			
98	MK3	.4	.2	.2	337.3	47.7	-70.4	.4
105	2MNS4	.2			230.4			
108	3MS4	.4			287.1			
110	MN4	1.2	1.3	-.1	102.9	272.6	-169.7	2.4
111	2MLS4	.1			336.8			
113	M4	2.4	3.8	-1.4	145.0	326.6	178.4	6.2
116	3MN4	.1			53.3			
118	MS4	1.5	2.2	-.7	174.9	59.6	115.3	3.1
119	MK4	.5	.7	-.2	187.6	59.5	128.1	1.1
121	2MSN4	.0			29.7			
123	S4	.3	.1	.2	224.2	227.6	-3.4	.2
129	3MK5	.1			1.2			
134	3MO5	.2			213.2			
140	4MS6	.2			74.0			
142	2MN6	.4			234.9			
143	2MNU6	.1			313.8			
145	M6	.6	.7	-.1	270.2	227.0	43.2	.5
151	2MS6	.7	.7	.0	298.4	263.2	35.2	.4
152	2MK6	.2	.2	.0	305.8	286.3	19.5	.1
154	3MSN6	.1			189.0			
165	3MN8	.2			194.6			
167	M8	.3			230.2			
168	2MSN8	.1			271.0			
170	3MS8	.3			275.0			
174	2(MS)8	.1			5.6			
186	4MS10	.2			308.4			

STATION : ABERDEEN
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.2	7.1	-7.0	260.1	230.1	30.0	7.0
17	Q1	.2	4.5	-4.3	118.2	358.9	119.3	4.6
20	O1	10.7	12.8	-2.1	47.8	50.0	-2.2	2.1
24	M1C	.1	.2	-.1	292.0	152.3	139.7	.3
33	P1	.4	3.6	-3.2	203.3	187.2	16.1	3.2
35	K1	12.4	11.2	1.2	205.2	204.4	.8	1.2
48	3MS2	.9			348.9			
51	MNS2	.9	.4	.5	177.9	279.5	-101.6	1.1
54	NLK2	1.1			10.2			
56	MU2	3.7	2.1	1.6	221.0	317.4	-96.4	4.5
59	N2	26.8	26.2	.6	2.5	.4	2.1	1.1
60	NU2	.8			93.7			
65	M2	121.6	130.4	-8.8	27.2	23.4	3.8	12.1
70	LABDA2	.4	1.6	-1.2	57.3	39.3	18.0	1.2
71	2MN2	.8	3.6	-2.9	304.6	233.8	70.8	3.5
77	S2	46.0	44.6	1.4	58.7	61.0	-2.3	2.3
79	K2	13.9	12.8	1.1	64.8	58.8	6.0	1.8
80	MSN2	.4			255.1			
85	2SM2	.4	.5	-.1	252.9	247.7	5.2	.1
86	SKM2	.2	.5	-.3	258.1	256.2	1.9	.3
94	2MK3	.1			275.4			
98	MK3	.3	.9	-.6	131.8	133.3	-1.5	.6
105	2MNS4	.4			225.5			
108	3MS4	.8			255.4			
110	MN4	1.8	.7	1.1	142.4	151.0	-8.6	1.2
111	2MLS4	.2			267.8			
113	M4	5.3	3.0	2.3	172.4	170.5	1.9	2.3
116	3MN4	.4			354.1			
118	MS4	4.2	2.8	1.4	243.1	245.4	-2.3	1.4
119	MK4	1.3	.9	.4	252.0	244.5	7.5	.4
121	2MSN4	.4			61.5			
123	S4	.6	.4	.2	325.0	357.6	-32.6	.3
129	3MK5	.2			345.8			
134	3MO5	.2			144.3			
140	4MS6	.5			245.5			
142	2MN6	1.0	.4	.6	84.3	80.7	3.6	.6
143	2MNU6	.1			113.2			
145	M6	1.8	.7	1.1	116.8	108.4	8.4	1.1
151	2MS6	1.8	.6	1.2	169.0	173.9	-4.9	1.2
152	2MK6	.5	.1	.4	170.2	170.7	-.5	.4
154	3MSN6	.4			26.3			
165	3MN8	.4			52.1			
167	M8	.5			82.9			
168	2MSN8	.2			106.4			
170	3MS8	.7			115.6			
174	2(MS)8	.2			177.1			
186	4MS10	.3			35.3			

STATION : NORTH SHIELDS
OBSERVED : 59 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.2	8.0	-7.8	266.7	220.0	46.7	7.9
17	Q1	.3	3.7	-3.4	149.8	38.5	111.3	3.8
20	O1	12.1	13.7	-1.6	76.7	80.7	-4.0	1.8
24	M1C	.1			322.5			
33	P1	.4	3.9	-3.5	237.3	220.2	17.1	3.5
35	K1	13.9	11.2	2.7	236.5	240.1	-3.6	2.8
48	3MS2	1.0			34.0			
51	MNS2	1.2	.4	.8	225.5	234.9	-9.4	.8
54	NLK2	1.4			53.3			
56	MU2	4.4	.9	3.5	265.0	18.8	-113.8	4.9
59	N2	32.8	31.5	1.3	63.0	65.1	-2.1	1.8
60	NU2	.8	6.4	-5.6	139.1	70.9	68.2	6.1
65	M2	153.0	158.1	-5.1	88.6	89.0	-.4	5.3
70	LABDA2	.7	2.4	-1.7	110.0	103.6	6.4	1.7
71	2MN2	1.1	6.7	-5.6	325.8	305.2	20.6	5.7
77	S2	57.1	53.2	3.9	124.0	130.4	-6.4	7.3
79	K2	17.3	15.6	1.7	130.3	130.9	-.6	1.8
80	MSN2	.8	.9	-.1	325.5	324.8	.7	.1
85	2SM2	.7	.5	.2	333.5	339.7	-6.2	.2
86	SKM2	.4			328.6			
94	2MK3	.7			26.8			
98	MK3	.9	1.0	-.1	217.3	245.7	-28.4	.5
105	2MNS4	.2			250.0			
108	3MS4	.6			297.7			
110	MN4	1.2	1.6	-.4	61.5	84.1	-22.6	.7
111	2MLS4	.2			334.6			
113	M4	2.1	2.7	-.6	89.8	113.6	-23.9	1.1
116	3MN4	.3			60.1			
118	MS4	2.5	2.0	.5	80.3	106.6	-26.3	1.1
119	MK4	.8	.5	.3	87.3	118.5	-31.2	.4
121	2MSN4	.2			177.6			
123	S4	.8	.9	-.1	137.5	160.6	-23.1	.4
129	3MK5	.2			155.9			
134	3MO5	.3			331.3			
140	4MS6	.5			14.9			
142	2MN6	.1	.9	-.8	216.6	8.8	-152.2	.9
143	2MNU6	.3			238.6			
145	M6	.5	1.3	-.8	296.9	45.9	-109.0	1.5
151	2MS6	.2	1.2	-1.0	318.5	89.2	-130.6	1.4
152	2MK6	.1	.4	-.3	333.1	104.5	-131.4	.5
154	3MSN6	.3			164.9			
165	3MN8	.5			265.5			
167	M8	.7			293.7			
168	2MSN8	.5			324.3			
170	3MS8	1.3			359.7			
174	2(MS)8	.5			65.1			
186	4MS10	.2			303.0			

STATION : SCARBOROUGH
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.1	10.4	-10.3	260.2	221.9	38.3	10.3
17	Q1	.3	4.8	-4.5	163.6	34.6	129.0	5.0
20	O1	13.1	14.7	-1.6	87.4	88.0	-.6	1.6
24	M1C	.2	.9	-.7	347.1	80.6	-93.5	.9
33	P1	.5	3.9	-3.4	253.5	241.2	12.3	3.4
35	K1	15.0	12.3	2.7	248.5	254.3	-5.8	3.0
48	3MS2	1.0			55.1			
51	MNS2	1.3	.2	1.1	244.6	61.3	-176.7	1.5
54	NLK2	1.3			71.7			
56	MU2	4.2	1.6	2.6	283.5	56.3	-132.8	5.4
59	N2	34.7	33.0	1.7	86.9	86.4	.5	1.7
60	NU2	.7	6.6	-5.9	162.6	84.5	78.1	6.5
65	M2	162.2	170.8	-8.6	112.4	110.7	1.7	9.8
70	LABDA2	.8	2.4	-1.6	127.7	100.2	27.5	1.7
71	2MN2	1.0	5.2	-4.2	329.0	317.8	11.2	4.2
77	S2	60.8	57.5	3.3	149.6	153.1	-3.5	4.9
79	K2	18.5	16.1	2.4	155.7	153.2	2.5	2.5
80	MSN2	1.0	1.1	-.1	346.4	352.5	-6.1	.2
85	2SM2	1.0	2.0	-1.0	356.2	348.9	7.3	1.1
86	SKM2	.5			350.1			
94	2MK3	.5			51.4			
98	MK3	.8	1.3	-.5	254.8	289.9	-35.1	.8
105	2MNS4	.0			71.2			
108	3MS4	.2			21.7			
110	MN4	1.6	1.5	.1	54.6	85.2	-30.6	.8
111	2MLS4	.1			39.5			
113	M4	3.3	3.4	-.1	72.9	94.1	-21.2	1.2
116	3MN4	.2			123.3			
118	MS4	3.9	3.3	.6	108.6	119.7	-11.1	.9
119	MK4	1.2	.9	.3	116.7	133.2	-16.5	.4
121	2MSN4	.4			231.5			
123	S4	1.0	.6	.4	172.5	183.4	-10.8	.4
129	3MK5	.3			166.3			
134	3MO5	.4			337.3			
140	4MS6	.3			22.9			
142	2MN6	.2	.2	.0	220.9	271.6	-50.7	.2
143	2MNU6	.1			234.2			
145	M6	.5	.5	.0	282.6	321.5	-39.0	.3
151	2MS6	.6	.8	-.2	16.9	30.5	-13.6	.3
152	2MK6	.1	.2	-.1	13.7	41.7	-27.9	.1
154	3MSN6	.2			217.7			
165	3MN8	.5			47.1			
167	M8	.6			73.4			
168	2MSN8	.4			88.8			
170	3MS8	1.2			118.1			
174	2(MS)8	.4			175.4			
186	4MS10	.4			192.0			

STATION : CROMER
OBSERVED : 34 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.2			262.2			
17	Q1	.6	6.1	-5.4	211.5	54.1	157.3	6.7
20	O1	14.9	14.6	.3	128.5	133.2	-4.6	1.2
24	M1C	.3	.1	.2	6.2	21.3	-15.1	.2
33	P1	1.0	3.7	-2.7	301.1	291.5	9.5	2.7
35	K1	16.5	13.8	2.8	292.4	306.3	-13.9	4.6
48	3MS2	.9			148.8			
51	MNS2	1.6			298.5			
54	NLK2	1.3			126.4			
56	MU2	3.6	3.1	.5	345.1	307.7	37.4	2.2
59	N2	34.3	30.6	3.7	163.9	165.5	-1.6	3.8
60	NU2	.6	7.0	-6.4	277.8	122.4	155.4	7.6
65	M2	160.4	154.1	6.3	188.0	187.5	.5	6.5
70	LABDA2	1.6			179.0			
71	2MN2	1.5	6.6	-5.1	347.7	50.2	-62.5	6.1
77	S2	61.8	52.9	8.9	229.0	233.2	-4.2	9.9
79	K2	18.4	14.9	3.6	235.8	229.8	6.0	4.0
80	MSN2	2.0			44.8			
85	2SM2	2.0	2.4	-.3	58.2	58.6	-.5	.3
86	SKM2	1.0			55.7			
94	2MK3	1.8			237.2			
98	MK3	2.4	2.7	-.3	42.0	83.9	-41.9	1.8
105	2MNS4	.4			22.4			
108	3MS4	.6			31.5			
110	MN4	5.1	3.8	1.3	267.1	246.6	20.5	2.0
111	2MLS4	.1			336.8			
113	M4	12.5	8.6	3.9	288.8	277.9	10.9	4.4
116	3MN4	.3			88.3			
118	MS4	10.8	8.7	2.1	334.3	310.3	24.1	4.6
119	MK4	3.4			343.7			
121	2MSN4	.7			139.9			
123	S4	1.7			31.8			
129	3MK5	.9			317.8			
134	3MO5	1.2			129.5			
140	4MS6	.9			173.4			
142	2MN6	1.8	1.2	.6	359.9	354.5	5.4	.6
143	2MNU6	.3			28.4			
145	M6	3.2	2.4	.8	28.2	35.4	-7.3	.9
151	2MS6	3.4	2.8	.6	59.1	63.4	-4.3	.6
152	2MK6	1.1			66.1			
154	3MSN6	.5			276.1			
165	3MN8	.3			136.3			
167	M8	.2			197.5			
168	2MSN8	.3			97.1			
170	3MS8	.5			102.3			
174	2(MS)8	.5			174.2			
186	4MS10	1.6			232.8			

STATION : DOVER
OBSERVED : 87 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.4	5.7	-5.4	261.8	232.0	29.8	5.4
17	Q1	.5	2.0	-1.5	286.5	123.3	163.2	2.5
20	O1	4.9	4.8	.1	145.7	174.8	-29.1	2.4
24	M1C	.4			58.2			
33	P1	.7	2.1	-1.4	29.2	8.2	21.0	1.4
35	K1	3.5	4.9	-1.4	43.1	42.7	.4	1.4
48	3MS2	1.8	1.7	.1	203.7	195.7	8.0	.3
51	MNS2	3.7	2.2	1.5	57.3	27.6	29.7	2.1
54	NLK2	4.3			232.2			
56	MU2	13.0	9.3	3.7	72.0	51.8	20.2	5.3
59	N2	46.6	40.3	6.3	312.4	309.0	3.4	6.8
60	NU2	1.9	9.7	-7.8	264.5	299.6	-35.1	8.2
65	M2	250.6	224.9	25.7	332.0	331.9	.1	25.7
70	LABDA2	4.1	6.0	-1.8	322.9	333.3	-10.4	2.1
71	2MN2	7.5	14.5	-7.0	137.9	157.6	-19.7	7.9
77	S2	84.0	71.0	13.0	23.0	23.5	-.5	13.0
79	K2	23.5	21.1	2.4	24.2	23.7	.5	2.4
80	MSN2	4.7	3.1	1.6	202.1	199.0	3.1	1.6
85	2SM2	4.7	4.7	.0	222.8	224.0	-1.2	.1
86	SKM2	2.1	2.7	-.6	210.6	213.0	-2.4	.6
94	2MK3	.7			238.5			
98	MK3	2.1	1.4	.7	12.0	3.2	8.8	.7
105	2MNS4	1.5			309.8			
108	3MS4	3.2	2.7	.5	323.7	295.0	28.7	1.5
110	MN4	10.8	9.3	1.6	206.3	196.0	10.3	2.4
111	2MLS4	.7	2.2	-1.5	312.5	.9	-48.4	1.8
113	M4	29.6	26.4	3.1	226.4	221.0	5.4	4.1
116	3MN4	1.5	4.1	-2.6	39.5	40.0	-.5	2.6
118	MS4	20.3	17.4	2.9	279.4	273.3	6.1	3.6
119	MK4	5.6	5.3	.3	279.7	274.0	5.7	.6
121	2MSN4	1.9			95.8			
123	S4	2.2	1.6	.5	346.5	357.2	-10.7	.6
129	3MK5	1.5	1.2	.3	179.9	188.7	-8.8	.4
134	3MO5	1.3	.8	.5	314.5	335.7	-21.2	.6
140	4MS6	2.2	.9	1.3	212.1	196.4	15.7	1.4
142	2MN6	5.2	3.6	1.6	82.1	80.2	1.9	1.6
143	2MNU6	.5	1.2	-.7	51.4	54.2	-2.8	.7
145	M6	9.7	6.6	3.1	103.3	105.9	-2.6	3.1
151	2MS6	9.6	6.5	3.0	147.4	150.2	-2.8	3.1
152	2MK6	2.7	2.0	.7	147.8	155.6	-7.9	.8
154	3MSN6	1.5	1.5	.0	323.3	344.3	-21.0	.5
165	3MN8	2.1	1.3	.8	345.7	343.6	2.1	.8
167	M8	2.8	1.7	1.1	11.1	18.8	-7.7	1.1
168	2MSN8	1.9	.9	1.0	42.7	36.5	6.2	1.0
170	3MS8	4.1	2.4	1.6	61.4	60.9	.5	1.6
174	2(MS)8	1.6	.9	.7	114.0	116.8	-2.8	.7
186	4MS10	1.1	.2	.9	316.0	347.8	-31.8	.9

STATION : CHERBOURG
OBSERVED : 15 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.5			91.5			
17	Q1	.2			306.6			
20	O1	7.4	6.4	1.0	16.8	354.0	22.8	2.9
24	M1C	.2			60.4			
33	P1	.3			88.6			
35	K1	8.5	9.1	-.5	114.2	106.0	8.2	1.4
48	3MS2	.6			26.6			
51	MNS2	.5			265.9			
54	NLK2	.9			70.1			
56	MU2	3.2	5.7	-2.5	278.3	195.0	83.3	6.2
59	N2	34.1	36.5	-2.4	211.1	217.0	-5.9	4.4
60	NU2	.9			107.8			
65	M2	173.4	187.0	-13.6	229.5	230.0	-.5	13.7
70	LABDA2	1.0			189.9			
71	2MN2	2.4			356.3			
77	S2	63.6	69.0	-5.4	273.0	273.0	.0	5.4
79	K2	17.1			269.5			
80	MSN2	1.4	2.7	-1.3	76.6	180.0	-103.4	3.3
85	2SM2	1.5	1.8	-.3	104.0	105.0	-1.0	.3
86	SKM2	.7			88.2			
94	2MK3	.1			257.4			
98	MK3	.2			137.2			
105	2MNS4	.5			121.6			
108	3MS4	1.2			138.3			
110	MN4	4.4	4.5	-.1	326.1	334.0	-7.9	.6
111	2MLS4	.3			132.3			
113	M4	11.5	15.6	-4.1	351.1	353.0	-1.9	4.2
116	3MN4	.5			220.3			
118	MS4	6.9	7.8	-.9	37.7	49.0	-11.3	1.7
119	MK4	1.8			40.6			
121	2MSN4	.5			282.3			
123	S4	.9			52.4			
129	3MK5	.1			272.9			
134	3MO5	.0			174.7			
140	4MS6	.3			320.7			
142	2MN6	1.2	1.6	-.4	90.7	152.6	-61.9	1.5
143	2MNU6	.1			178.4			
145	M6	1.9	2.5	-.6	115.2	101.0	14.2	.8
151	2MS6	2.1	2.7	-.6	149.4	135.0	14.4	.8
152	2MK6	.6			148.1			
154	3MSN6	.1			29.8			
165	3MN8	.8			233.4			
167	M8	1.2			257.2			
168	2MSN8	.8			286.6			
170	3MS8	1.7			307.0			
174	2(MS)8	.7			4.6			
186	4MS10	.1			105.7			

STATION : DIEPPE
OBSERVED : 84 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.4	9.1	-8.8	264.1	231.5	32.7	8.8
17	Q1	.2	.9	-.7	294.9	334.2	-39.3	.8
20	O1	6.7	4.2	2.6	56.3	25.4	30.9	3.8
24	M1C	.4			63.9			
33	P1	.2	3.5	-3.3	79.9	113.5	-33.7	3.4
35	K1	7.5	7.9	-.4	135.4	120.5	14.9	2.0
48	3MS2	2.0	2.2	-.2	155.9	135.4	20.5	.8
51	MNS2	3.8	3.9	-.1	34.4	8.3	26.2	1.7
54	NLK2	4.5			202.0			
56	MU2	15.1	12.3	2.7	41.0	13.0	27.9	7.1
59	N2	56.8	57.6	-.8	294.4	290.8	3.6	3.7
60	NU2	2.8	14.7	-11.9	222.1	275.6	-53.5	13.2
65	M2	308.7	310.1	-1.5	311.9	311.7	.2	1.9
70	LABDA2	4.5	9.7	-5.2	305.0	316.1	-11.2	5.4
71	2MN2	9.2	20.2	-10.9	111.1	132.4	-21.3	12.0
77	S2	103.4	103.1	.3	3.6	2.5	1.1	1.9
79	K2	27.9	30.9	-3.1	1.7	.0	1.7	3.2
80	MSN2	5.4	4.0	1.4	183.6	169.9	13.7	1.8
85	2SM2	5.6	6.9	-1.3	206.7	205.4	1.3	1.3
86	SKM2	2.4	3.8	-1.5	190.6	185.3	5.3	1.5
94	2MK3	1.1			294.4			
98	MK3	1.4	1.5	-.2	32.5	36.9	-4.4	.2
105	2MNS4	1.2	1.4	-.2	280.5	231.0	49.5	1.1
108	3MS4	2.6	2.7	-.1	297.7	254.5	43.2	2.0
110	MN4	8.4	9.4	-1.0	164.8	161.5	3.3	1.2
111	2MLS4	.6	2.4	-1.7	295.2	315.8	-20.6	1.8
113	M4	23.2	26.2	-3.0	186.7	186.0	.7	3.0
116	3MN4	1.2	4.3	-3.1	18.4	358.8	19.6	3.2
118	MS4	15.0	18.7	-3.7	239.7	241.2	-1.5	3.7
119	MK4	4.1	4.9	-.9	241.0	234.8	6.1	1.0
121	2MSN4	1.3			76.0			
123	S4	1.3	1.6	-.3	290.0	325.6	-35.7	.9
129	3MK5	.3	.4	.0	117.0	111.0	6.0	.1
134	3MO5	.3	.5	-.2	239.7	232.6	7.1	.2
140	4MS6	.5	.8	-.2	345.2	357.3	-12.0	.3
142	2MN6	1.0	1.7	-.7	290.8	286.6	4.2	.7
143	2MNU6	.2	.6	-.4	185.9	222.8	-37.0	.4
145	M6	1.8	3.2	-1.4	301.7	305.3	-3.6	1.4
151	2MS6	2.1	3.0	-.9	339.4	348.1	-8.8	1.0
152	2MK6	.7	1.0	-.4	335.2	342.6	-7.4	.4
154	3MSN6	.5	.8	-.2	111.4	173.0	-61.6	.7
165	3MN8	2.4	2.5	.0	147.4	158.5	-11.1	.5
167	M8	3.3	3.3	.0	173.5	197.5	-23.9	1.4
168	2MSN8	2.3	1.8	.5	205.8	216.5	-10.7	.7
170	3MS8	5.0	4.5	.5	224.8	239.3	-14.5	1.3
174	2(MS)8	2.1	1.8	.2	279.8	290.7	-10.9	.4
186	4MS10	1.3			154.0			

STATION : BOULOGNE
OBSERVED : 84 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.5	4.5	-4.0	264.7	265.2	-.4	4.0
17	Q1	.3	.6	-.2	283.3	55.8	-132.6	.8
20	O1	5.8	2.9	2.9	88.7	70.0	18.8	3.2
24	M1C	.4			63.9			
33	P1	.3	1.2	-.9	25.9	114.0	-88.2	1.2
35	K1	4.2	4.7	-.6	137.2	126.2	11.0	1.0
48	3MS2	2.1	1.5	.5	183.9	218.1	-34.2	1.2
51	MNS2	4.0	3.1	.9	51.5	36.5	15.0	1.3
54	NLK2	4.8			222.9			
56	MU2	15.2	10.4	4.7	62.2	30.1	32.1	8.4
59	N2	54.9	51.6	3.3	310.1	303.5	6.6	7.0
60	NU2	2.6	10.5	-7.9	248.4	301.0	-52.6	9.2
65	M2	298.4	295.1	3.4	328.6	329.0	-.4	3.9
70	LABDA2	4.6	7.1	-2.5	320.3	328.3	-8.0	2.6
71	2MN2	9.1	16.5	-7.4	131.0	163.0	-31.9	10.0
77	S2	99.9	96.1	3.8	20.3	21.1	-.8	4.1
79	K2	27.4	28.8	-1.3	19.7	21.9	-2.3	1.7
80	MSN2	5.4	3.8	1.6	199.9	198.5	1.5	1.6
85	2SM2	5.5	6.9	-1.4	222.1	217.5	4.6	1.4
86	SKM2	2.4	3.2	-.8	207.7	219.0	-11.3	1.0
94	2MK3	.6			282.9			
98	MK3	1.7	1.3	.5	22.3	28.0	-5.6	.5
105	2MNS4	1.7	1.8	-.1	305.9	262.6	43.3	1.3
108	3MS4	3.7	3.9	-.3	321.1	289.0	32.0	2.1
110	MN4	12.0	11.1	.8	199.6	188.4	11.2	2.4
111	2MLS4	.8	2.4	-1.6	314.6	1.0	-46.4	1.9
113	M4	32.8	34.5	-1.7	220.2	218.2	2.0	2.1
116	3MN4	1.7	5.2	-3.5	39.1	41.7	-2.6	3.5
118	MS4	22.2	23.8	-1.6	273.8	271.5	2.2	1.8
119	MK4	6.1	7.2	-1.1	274.4	277.7	-3.4	1.2
121	2MSN4	2.1			95.7			
123	S4	2.2	2.5	-.2	337.1	8.7	-31.6	1.3
129	3MK5	1.1	1.0	.2	163.7	167.2	-3.4	.2
134	3MO5	1.0	.7	.3	286.8	294.3	-7.5	.3
140	4MS6	1.4	.9	.6	207.5	159.8	47.8	1.1
142	2MN6	4.4	3.8	.6	71.0	57.0	14.0	1.2
143	2MNU6	.3	.9	-.7	45.4	39.6	5.8	.7
145	M6	7.9	6.9	1.0	92.3	86.7	5.6	1.2
151	2MS6	8.0	7.4	.6	136.9	131.4	5.4	.9
152	2MK6	2.1	2.3	-.2	137.1	141.4	-4.3	.2
154	3MSN6	1.0	1.4	-.3	316.4	334.7	-18.3	.5
165	3MN8	1.5	1.8	-.4	310.7	302.8	7.9	.4
167	M8	2.0	2.5	-.6	335.5	346.6	-11.0	.7
168	2MSN8	1.4	1.5	-.1	5.3	3.3	2.0	.1
170	3MS8	2.9	3.8	-.9	24.3	26.9	-2.7	.9
174	2(MS)8	1.2	1.6	-.4	77.1	86.9	-9.9	.4
186	4MS10	.3			203.9			

STATION : DUINKERKEN
OBSERVED : 40 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.9	6.4	-5.5	269.5	211.5	58.0	6.0
17	Q1	.7	2.8	-2.1	257.4	111.0	146.4	3.4
20	O1	9.6	7.8	1.8	161.2	162.7	-1.5	1.8
24	M1C	.3			51.3			
33	P1	1.2	2.1	-.9	342.8	333.7	9.1	1.0
35	K1	6.5	4.1	2.4	347.0	360.3	-13.3	2.7
48	3MS2	2.9			240.2			
51	MNS2	3.7	2.4	1.3	86.7	82.7	4.0	1.3
54	NLK2	4.6			265.2			
56	MU2	15.5	9.7	5.8	109.7	91.6	18.1	7.0
59	N2	35.6	36.1	-.5	327.9	329.7	-1.8	1.2
60	NU2	3.0			313.6			
65	M2	204.8	210.5	-5.7	351.8	353.1	-1.3	7.5
70	LABDA2	3.4	5.7	-2.3	352.8	360.7	-7.9	2.4
71	2MN2	7.8	10.5	-2.6	177.6	198.1	-20.5	4.2
77	S2	62.3	62.5	-.2	39.9	45.3	-5.3	5.8
79	K2	18.8	17.9	.9	42.3	46.9	-4.6	1.7
80	MSN2	3.8			233.7			
85	2SM2	3.6	4.3	-.7	254.2	263.4	-9.2	1.0
86	SKM2	1.8			237.3			
94	2MK3	2.1	2.3	-.2	81.4	62.9	18.5	.7
98	MK3	1.3	1.1	.2	254.6	214.3	40.3	.9
105	2MNS4	.9			16.7			
108	3MS4	1.9			41.8			
110	MN4	4.5	4.9	-.4	258.9	256.5	2.4	.4
111	2MLS4	.4			56.2			
113	M4	12.7	15.2	-2.5	283.8	278.2	5.6	2.9
116	3MN4	.8	1.7	-.9	125.5	104.5	21.0	1.0
118	MS4	7.6	8.8	-1.2	332.3	335.7	-3.4	1.3
119	MK4	2.1	2.9	-.8	332.5	337.6	-5.1	.8
121	2MSN4	.8			166.7			
123	S4	.6			21.8			
129	3MK5	1.5			245.0			
134	3MO5	1.8			39.3			
140	4MS6	1.0			292.4			
142	2MN6	2.3	1.8	.5	206.9	196.3	10.6	.6
143	2MNU6	.5			112.6			
145	M6	4.5	3.3	1.2	221.6	213.1	8.5	1.4
151	2MS6	4.1	3.4	.7	287.5	266.0	21.5	1.6
152	2MK6	.9	1.1	-.2	278.9	261.0	17.9	.4
154	3MSN6	.4			97.2			
165	3MN8	2.0	2.0	.0	118.5	126.3	-7.8	.3
167	M8	2.7	2.4	.3	142.0	153.4	-11.4	.6
168	2MSN8	2.0	1.6	.4	176.1	180.2	-4.1	.4
170	3MS8	4.1	2.9	1.2	192.0	204.4	-12.4	1.4
174	2(MS)8	1.8	1.2	.6	252.2	254.2	-2.0	.6
186	4MS10	2.0			131.1			

STATION : NIEUWPOORT
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	1.0	7.3	-6.3	269.1	232.9	36.2	6.5
17	Q1	.8	4.1	-3.3	258.0	107.9	150.1	4.8
20	O1	10.6	9.7	.9	165.5	160.9	4.6	1.2
24	M1C	.3			52.2			
33	P1	1.3	3.2	-1.9	343.3	328.1	15.2	2.0
35	K1	7.7	5.6	2.1	345.3	354.9	-9.6	2.4
48	3MS2	3.1			249.3			
51	MNS2	3.5	3.2	.3	95.5	100.0	-4.5	.4
54	NLK2	4.6			274.3			
56	MU2	15.6	9.8	5.8	119.9	101.3	18.6	7.0
59	N2	31.8	33.8	-2.0	334.1	336.7	-2.6	2.5
60	NU2	3.2	8.4	-5.2	324.5	322.8	1.7	5.2
65	M2	186.7	193.7	-7.0	359.4	.3	-.9	7.6
70	LABDA2	3.1	4.7	-1.6	2.8	10.5	-7.6	1.6
71	2MN2	7.7	14.0	-6.3	189.3	187.5	1.8	6.3
77	S2	55.0	57.7	-2.7	47.0	53.7	-6.7	7.1
79	K2	17.0	16.4	.6	49.3	55.4	-6.0	1.8
80	MSN2	3.5	3.4	.1	245.1	271.5	-26.4	1.6
85	2SM2	3.2	4.3	-1.1	266.1	269.2	-3.1	1.1
86	SKM2	1.6			247.7			
94	2MK3	2.5			91.3			
98	MK3	1.8	1.4	.4	254.1	224.8	29.3	.9
105	2MNS4	.8			53.1			
108	3MS4	1.8			75.8			
110	MN4	3.4	5.2	-1.8	301.5	280.4	21.1	2.4
111	2MLS4	.5			84.9			
113	M4	10.2	13.0	-2.8	325.5	308.3	17.3	4.4
116	3MN4	.8			161.3			
118	MS4	5.8	6.4	-.6	21.8	12.0	9.7	1.2
119	MK4	1.5	1.8	-.3	22.2	.9	21.3	.7
121	2MSN4	.8			217.5			
123	S4	.2	.5	-.3	107.0	200.5	-93.5	.6
129	3MK5	1.2			266.3			
134	3MO5	1.7			58.8			
140	4MS6	.8			2.2			
142	2MN6	3.4	3.4	.0	259.0	241.9	17.1	1.0
143	2MNU6	.4			143.7			
145	M6	6.2	5.2	1.0	275.4	272.8	2.6	1.0
151	2MS6	6.9	5.3	1.6	332.6	324.0	8.6	1.9
152	2MK6	1.6	1.3	.3	334.4	316.4	18.0	.5
154	3MSN6	.9			160.2			
165	3MN8	2.6			170.2			
167	M8	3.6			195.9			
168	2MSN8	2.5			228.0			
170	3MS8	5.2			245.8			
174	2(MS)8	2.2			299.5			
186	4MS10	2.2			181.0			

STATION : OOSTENDE
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	1.0	6.9	-5.9	268.3	214.5	53.8	6.3
17	Q1	.8	3.2	-2.4	257.3	118.5	138.8	3.8
20	O1	10.8	9.5	1.3	166.7	167.5	-.9	1.4
24	M1C	.3			50.6			
33	P1	1.3	2.3	-1.1	343.8	326.3	17.5	1.2
35	K1	8.0	5.5	2.5	345.1	349.2	-4.2	2.6
48	3MS2	3.1			252.6			
51	MNS2	3.5	2.5	1.0	99.2	98.9	.3	1.0
54	NLK2	4.5			278.1			
56	MU2	15.5	9.9	5.5	123.9	113.6	10.3	6.0
59	N2	30.1	30.5	-.4	337.0	341.2	-4.2	2.3
60	NU2	3.2	9.1	-5.8	328.8	335.6	-6.8	5.9
65	M2	178.3	179.6	-1.3	2.9	5.3	-2.4	7.6
70	LABDA2	3.0	5.3	-2.2	7.2	16.4	-9.2	2.3
71	2MN2	7.6	10.2	-2.7	194.1	210.6	-16.5	3.7
77	S2	51.7	52.4	-.7	50.3	57.7	-7.4	6.8
79	K2	16.1	15.2	.9	52.5	56.9	-4.4	1.5
80	MSN2	3.4	2.9	.5	250.1	263.7	-13.6	.9
85	2SM2	3.1	3.5	-.4	271.7	285.2	-13.5	.9
86	SKM2	1.6			252.1			
94	2MK3	2.5			96.3			
98	MK3	1.8	2.2	-.4	256.1	228.6	27.5	1.0
105	2MNS4	.8			67.4			
108	3MS4	1.8			89.3			
110	MN4	3.2	3.4	-.1	321.0	311.9	9.1	.5
111	2MLS4	.5			95.9			
113	M4	9.8	10.5	-.7	343.5	335.3	8.2	1.6
116	3MN4	.8			174.5			
118	MS4	5.8	6.4	-.7	42.9	37.3	5.5	.9
119	MK4	1.5	1.9	-.4	44.8	38.6	6.2	.4
121	2MSN4	.9			232.0			
123	S4	.4	.4	.0	147.1	163.1	-16.0	.1
129	3MK5	.9			277.4			
134	3MO5	1.5			65.8			
140	4MS6	.9			33.9			
142	2MN6	3.7	3.7	-.1	273.5	275.2	-1.7	.1
143	2MNU6	.3			161.5			
145	M6	6.6	6.8	-.2	291.2	298.7	-7.5	.9
151	2MS6	7.5	7.0	.5	344.3	345.4	-1.1	.5
152	2MK6	1.8	1.8	-.1	346.6	347.0	-.4	.1
154	3MSN6	1.0			173.7			
165	3MN8	2.5			186.4			
167	M8	3.4			212.8			
168	2MSN8	2.4			245.0			
170	3MS8	5.0			263.5			
174	2(MS)8	2.0			316.8			
186	4MS10	1.5			208.8			

STATION : ZEEBRUGGE
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	1.0	7.3	-6.3	268.3	200.0	68.3	7.0
17	Q1	.8	3.3	-2.5	258.6	114.4	144.3	4.0
20	O1	11.2	10.3	.9	168.5	170.8	-2.3	1.0
24	M1C	.3			51.9			
33	P1	1.3	3.2	-1.8	345.7	328.2	17.4	1.9
35	K1	8.4	6.3	2.1	344.9	349.8	-4.9	2.2
48	3MS2	3.1			259.0			
51	MNS2	3.4	2.4	.9	105.8	113.8	-7.9	1.0
54	NLK2	4.5			285.2			
56	MU2	15.5	10.0	5.5	131.1	130.6	.5	5.5
59	N2	27.9	27.9	-.1	342.7	350.1	-7.4	3.6
60	NU2	3.3	8.5	-5.2	335.9	341.9	-6.0	5.2
65	M2	168.0	164.6	3.4	9.4	14.7	-5.4	15.9
70	LABDA2	2.9	5.4	-2.5	15.7	26.5	-10.7	2.6
71	2MN2	7.5	9.4	-1.9	202.6	221.3	-18.7	3.3
77	S2	47.4	47.0	.4	56.7	67.9	-11.2	9.2
79	K2	15.0	14.2	.7	58.8	67.7	-8.9	2.4
80	MSN2	3.2	3.0	.3	259.2	272.0	-12.9	.7
85	2SM2	2.9	3.3	-.4	281.9	296.0	-14.1	.9
86	SKM2	1.5			261.0			
94	2MK3	2.6			104.7			
98	MK3	1.9	2.5	-.6	259.6	247.6	12.0	.8
105	2MNS4	.8			97.3			
108	3MS4	1.9			115.9			
110	MN4	3.7	3.4	.4	355.5	.2	-4.7	.5
111	2MLS4	.5			118.4			
113	M4	11.0	9.7	1.2	15.7	23.1	-7.4	1.8
116	3MN4	.9			197.3			
118	MS4	7.2	7.0	.2	75.9	78.9	-3.1	.4
119	MK4	1.9	2.1	-.2	80.8	81.1	-.3	.2
121	2MSN4	1.1			256.4			
123	S4	.7	.6	.1	174.8	166.0	8.7	.1
129	3MK5	.6			300.1			
134	3MO5	1.2			79.4			
140	4MS6	1.2			80.4			
142	2MN6	4.3	4.8	-.6	298.8	306.6	-7.8	.8
143	2MNU6	.1			218.1			
145	M6	7.6	8.8	-1.2	318.8	335.6	-16.8	2.7
151	2MS6	8.3	9.1	-.8	6.6	21.3	-14.7	2.4
152	2MK6	2.1	2.4	-.3	9.3	18.3	-9.0	.4
154	3MSN6	1.2			197.2			
165	3MN8	2.5			216.9			
167	M8	3.5			243.7			
168	2MSN8	2.4			276.5			
170	3MS8	5.1			295.6			
174	2(MS)8	1.9			350.5			
186	4MS10	1.4			303.0			

STATION : VLISSINGEN
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	1.2	7.9	-6.7	268.2	214.9	53.3	7.2
17	Q1	1.0	3.7	-2.7	270.1	131.7	138.4	4.6
20	O1	11.5	10.0	1.5	188.5	176.6	11.9	2.7
24	M1C	.3	1.3	-1.0	51.2	103.3	-52.1	1.2
33	P1	1.6	3.5	-1.8	.3	333.4	26.8	2.1
35	K1	9.2	6.7	2.4	5.4	357.7	7.7	2.6
48	3MS2	4.1	3.4	.6	274.2	262.6	11.7	1.0
51	MNS2	4.1	3.1	1.1	131.7	118.3	13.4	1.4
54	NLK2	5.9	3.9	2.0	306.4	329.6	-23.1	2.8
56	MU2	19.1	12.8	6.3	150.8	139.3	11.4	7.0
59	N2	26.9	28.9	-2.0	12.1	6.2	6.0	3.5
60	NU2	4.4	9.5	-5.1	351.0	359.3	-8.4	5.2
65	M2	167.5	174.2	-6.8	36.4	30.5	5.9	18.8
70	LABDA2	3.3	5.6	-2.3	41.9	41.6	.3	2.3
71	2MN2	9.4	13.2	-3.8	224.5	227.3	-2.8	3.8
77	S2	44.5	48.2	-3.7	88.5	86.5	2.0	4.1
79	K2	14.8	14.1	.6	91.1	86.6	4.5	1.3
80	MSN2	3.7	2.8	.9	289.4	289.7	-.3	.9
85	2SM2	3.3	4.2	-.9	311.9	313.8	-1.8	.9
86	SKM2	1.7	2.1	-.4	287.2	314.6	-27.3	1.0
94	2MK3	4.0	3.0	.9	165.4	115.8	49.5	3.0
98	MK3	3.0	2.4	.6	334.0	274.7	59.3	2.7
105	2MNS4	1.7	.8	.9	141.2	134.2	7.0	.9
108	3MS4	4.1	1.9	2.2	160.9	144.3	16.6	2.4
110	MN4	6.0	4.1	1.9	35.3	33.8	1.5	1.9
111	2MLS4	1.2	1.3	-.1	162.8	197.2	-34.3	.8
113	M4	18.3	12.7	5.5	57.6	59.7	-2.2	5.6
116	3MN4	1.7	1.6	.2	243.9	251.2	-7.4	.3
118	MS4	10.4	8.6	1.8	117.7	119.4	-1.7	1.8
119	MK4	3.1	2.4	.7	116.4	118.5	-2.2	.7
121	2MSN4	1.7	1.3	.5	307.4	318.1	-10.6	.5
123	S4	.5	.5	.0	238.1	224.9	13.3	.1
129	3MK5	.2	.6	-.4	134.1	12.9	121.3	.8
134	3MO5	.6	.9	-.4	157.8	157.1	.8	.4
140	4MS6	3.1	1.3	1.8	223.4	101.7	121.7	3.9
142	2MN6	5.2	4.5	.7	69.3	356.2	73.1	5.8
143	2MNU6	.9	1.4	-.5	75.4	337.2	98.2	1.8
145	M6	9.8	8.5	1.3	94.1	21.3	72.8	10.9
151	2MS6	9.5	8.7	.7	140.9	71.2	69.7	10.4
152	2MK6	2.6	2.4	.2	145.7	72.5	73.2	3.0
154	3MSN6	1.9	1.9	.0	343.8	267.6	76.2	2.4
165	3MN8	1.4	2.4	-1.0	54.6	327.0	87.5	2.7
167	M8	1.9	3.3	-1.4	80.3	357.1	83.1	3.6
168	2MSN8	1.2	1.8	-.6	110.9	24.0	86.9	2.1
170	3MS8	2.9	4.6	-1.7	130.9	45.3	85.6	5.2
174	2(MS)8	1.0	1.7	-.8	184.0	102.3	81.7	1.8
186	4MS10	1.0	1.6	-.7	187.9	74.4	113.5	2.2

STATION : GOEREE
OBSERVED : 110 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	1.0	9.2	-8.2	269.0	227.0	42.0	8.5
17	Q1	.8	2.9	-2.1	265.9	122.1	143.8	3.6
20	O1	11.6	9.6	2.0	174.6	169.4	5.2	2.2
24	M1C	.3	2.1	-1.8	58.7	106.1	-47.4	1.9
33	P1	1.2	3.8	-2.6	354.3	320.9	33.5	2.9
35	K1	9.4	7.1	2.3	344.2	342.1	2.1	2.3
48	3MS2	2.5	1.9	.6	286.4	280.6	5.8	.6
51	MNS2	2.3	1.4	.9	136.5	129.7	6.8	.9
54	NLK2	3.3	2.7	.7	315.5	325.5	-10.0	.9
56	MU2	12.1	7.7	4.3	162.0	166.0	-4.1	4.4
59	N2	13.0	13.0	.0	7.9	12.1	-4.3	1.0
60	NU2	2.9	5.1	-2.2	7.1	10.4	-3.4	2.2
65	M2	91.1	82.7	8.5	39.5	39.5	-.1	8.5
70	LABDA2	1.9	2.2	-.3	56.1	72.1	-16.0	.6
71	2MN2	5.8	7.0	-1.2	240.6	246.3	-5.7	1.4
77	S2	20.4	20.8	-.4	88.7	96.3	-7.6	2.8
79	K2	7.0	6.3	.7	87.0	97.1	-10.1	1.4
80	MSN2	2.1	1.6	.5	305.0	309.1	-4.1	.5
85	2SM2	2.0	2.6	-.6	331.5	333.5	-2.1	.6
86	SKM2	1.0	1.4	-.4	305.5	338.9	-33.4	.8
94	2MK3	1.3	1.4	-.1	146.6	115.0	31.6	.7
98	MK3	.9	1.2	-.3	261.1	247.4	13.8	.4
105	2MNS4	1.1	.8	.3	181.8	141.2	40.6	.7
108	3MS4	2.3	1.8	.5	206.4	164.6	41.8	1.5
110	MN4	5.9	5.1	.8	67.0	55.8	11.2	1.3
111	2MLS4	.5	1.5	-1.0	220.5	215.7	4.7	1.0
113	M4	16.3	15.2	1.1	91.1	81.7	9.5	2.8
116	3MN4	.9	2.1	-1.2	287.2	271.2	15.9	1.3
118	MS4	11.0	10.1	.9	140.3	137.2	3.0	1.0
119	MK4	3.2	3.1	.1	146.7	141.0	5.7	.3
121	2MSN4	1.1	1.0	.1	321.5	332.5	-10.9	.2
123	S4	1.3	.8	.5	204.4	236.9	-32.5	.7
129	3MK5	1.1	1.1	.0	130.7	118.0	12.7	.2
134	3MO5	1.0	.9	.2	302.4	288.8	13.6	.3
140	4MS6	2.4	1.2	1.2	148.0	142.8	5.2	1.2
142	2MN6	3.2	2.8	.4	356.3	352.4	4.0	.4
143	2MNU6	.8	1.3	-.6	358.6	335.1	23.5	.7
145	M6	6.2	5.4	.8	26.6	21.1	5.5	.9
151	2MS6	4.8	5.1	-.3	72.2	75.7	-3.6	.4
152	2MK6	1.5	1.4	.1	71.3	82.9	-11.6	.3
154	3MSN6	1.1	1.2	-.2	273.5	287.0	-13.5	.3
165	3MN8	1.4	1.2	.3	26.6	36.2	-9.6	.4
167	M8	2.1	1.7	.4	55.6	65.4	-9.9	.5
168	2MSN8	1.4	1.0	.3	97.9	90.3	7.6	.4
170	3MS8	2.8	2.6	.2	111.8	115.9	-4.1	.3
174	2(MS)8	1.1	.9	.2	172.9	182.0	-9.1	.2
186	4MS10	1.7	.9	.8	89.3	80.9	8.4	.8

STATION : HOEK VAN HOLLAND
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	1.0	9.0	-7.9	269.2	218.4	50.9	8.4
17	Q1	.8	3.8	-3.1	268.4	129.4	139.0	4.4
20	O1	11.7	10.3	1.4	175.8	173.5	2.3	1.5
24	M1C	.3	1.2	-.9	62.6	112.1	-49.5	1.1
33	P1	1.2	3.4	-2.2	358.2	329.9	28.3	2.4
35	K1	9.3	7.4	1.9	344.3	344.9	-.6	1.9
48	3MS2	2.7	2.1	.6	297.7	291.5	6.2	.6
51	MNS2	2.4	1.8	.5	149.8	158.9	-9.1	.6
54	NLK2	3.5	2.3	1.2	328.1	2.2	-34.0	2.1
56	MU2	12.8	8.3	4.5	173.6	177.3	-3.7	4.5
59	N2	11.8	11.8	.0	25.0	30.0	-5.0	1.0
60	NU2	3.1	4.7	-1.6	18.1	25.5	-7.4	1.6
65	M2	89.0	78.0	11.0	54.9	56.4	-1.5	11.2
70	LABDA2	2.0	2.9	-.9	70.8	76.6	-5.8	.9
71	2MN2	6.3	7.3	-1.0	253.5	259.2	-5.7	1.2
77	S2	19.0	19.1	-.1	109.3	115.3	-6.0	2.0
79	K2	6.4	5.7	.7	105.7	118.1	-12.4	1.5
80	MSN2	2.3	1.8	.5	319.9	322.5	-2.6	.5
85	2SM2	2.2	2.4	-.2	346.2	350.9	-4.6	.3
86	SKM2	1.0	1.2	-.2	320.3	351.4	-31.1	.6
94	2MK3	1.3	.8	.5	172.0	147.0	25.0	.6
98	MK3	.5	.8	-.3	263.0	247.7	15.3	.4
105	2MNS4	1.4	.9	.5	197.5	173.3	24.2	.7
108	3MS4	3.1	1.9	1.3	222.8	185.7	37.1	2.0
110	MN4	7.3	5.7	1.6	81.3	76.3	5.0	1.7
111	2MLS4	.8	1.8	-1.0	237.1	245.2	-8.1	1.0
113	M4	20.4	16.6	3.8	106.3	102.8	3.5	3.9
116	3MN4	1.3	1.6	-.3	306.1	293.2	12.9	.5
118	MS4	13.2	10.5	2.6	155.3	158.2	-2.9	2.7
119	MK4	3.9	3.0	.9	161.1	156.3	4.8	.9
121	2MSN4	1.4	1.1	.2	342.0	351.1	-9.1	.3
123	S4	1.4	1.0	.4	215.5	240.1	-24.6	.7
129	3MK5	1.5	1.6	.0	143.7	134.5	9.2	.2
134	3MO5	1.7	1.6	.1	309.4	302.0	7.4	.2
140	4MS6	2.9	1.5	1.4	165.1	165.1	.1	1.4
142	2MN6	3.0	2.2	.8	14.2	6.5	7.7	.8
143	2MNU6	1.0	1.2	-.2	17.0	6.7	10.3	.3
145	M6	6.2	4.4	1.8	48.1	39.9	8.2	1.9
151	2MS6	4.6	3.9	.7	98.6	97.7	.9	.7
152	2MK6	1.5	1.1	.4	95.3	97.6	-2.3	.4
154	3MSN6	1.3	1.1	.1	299.5	309.4	-9.9	.2
165	3MN8	1.8	1.6	.2	67.8	81.5	-13.8	.5
167	M8	2.7	2.3	.4	93.1	109.7	-16.6	.8
168	2MSN8	2.0	1.4	.6	134.3	141.7	-7.3	.6
170	3MS8	4.2	3.4	.8	150.9	158.9	-8.0	1.0
174	2(MS)8	1.6	1.3	.3	213.9	221.5	-7.6	.3
186	4MS10	2.2	1.4	.8	138.0	139.8	-1.8	.8

STATION : SCHEVENINGEN
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	1.0	9.8	-8.8	269.5	216.7	52.9	9.3
17	Q1	.8	4.1	-3.3	271.1	128.9	142.2	4.7
20	O1	11.5	11.0	.6	177.3	173.3	4.0	1.0
24	M1C	.3	1.3	-1.0	64.6	111.7	-47.1	1.2
33	P1	1.2	3.6	-2.4	1.3	328.8	32.4	2.7
35	K1	9.4	7.9	1.4	344.2	343.5	.7	1.4
48	3MS2	2.6	2.1	.5	310.8	301.5	9.3	.6
51	MNS2	2.2	1.9	.3	165.2	167.2	-1.9	.3
54	NLK2	3.3	2.3	1.0	342.8	11.7	-28.9	1.7
56	MU2	12.4	8.5	3.8	187.4	186.0	1.4	3.8
59	N2	9.0	11.1	-2.0	51.2	43.4	7.8	2.5
60	NU2	3.1	4.7	-1.6	30.8	37.6	-6.8	1.7
65	M2	77.0	75.1	1.9	75.8	69.0	6.8	9.2
70	LABDA2	2.0	3.1	-1.1	87.9	84.9	2.9	1.1
71	2MN2	6.3	7.3	-1.0	268.4	269.4	-1.0	1.0
77	S2	16.0	18.4	-2.5	140.3	130.7	9.6	3.8
79	K2	5.1	5.6	-.5	133.5	133.0	.6	.5
80	MSN2	2.4	1.8	.6	338.1	330.7	7.5	.6
85	2SM2	2.3	2.5	-.2	3.6	359.7	3.9	.3
86	SKM2	1.0	1.3	-.3	337.5	.7	-23.2	.6
94	2MK3	1.2	.9	.2	210.3	158.2	52.1	.9
98	MK3	.1	.9	-.8	182.3	258.9	-76.6	.9
105	2MNS4	1.7	1.2	.5	217.0	180.7	36.3	1.0
108	3MS4	3.8	2.5	1.3	242.0	194.6	47.4	2.8
110	MN4	7.9	7.0	.8	99.0	79.5	19.5	2.6
111	2MLS4	1.0	2.4	-1.4	256.2	250.9	5.3	1.4
113	M4	22.3	20.4	1.9	124.9	107.0	17.9	6.9
116	3MN4	1.6	2.1	-.5	327.2	297.4	29.8	1.1
118	MS4	13.7	12.6	1.0	174.3	163.3	10.9	2.7
119	MK4	4.1	3.7	.4	179.2	161.5	17.6	1.3
121	2MSN4	1.5	1.4	.1	8.0	358.0	10.0	.3
123	S4	1.2	1.0	.3	227.4	246.3	-19.0	.4
129	3MK5	1.8	2.0	-.2	160.0	140.9	19.2	.6
134	3MO5	2.2	2.1	.1	320.0	306.7	13.3	.5
140	4MS6	2.4	1.4	1.0	188.6	186.2	2.4	1.0
142	2MN6	1.2	.9	.3	43.7	44.1	-.4	.3
143	2MNU6	1.1	.9	.2	40.6	32.4	8.1	.2
145	M6	3.6	2.2	1.4	84.9	81.6	3.2	1.4
151	2MS6	2.5	2.2	.3	148.6	154.4	-5.7	.4
152	2MK6	.9	.7	.2	132.7	146.6	-13.9	.3
154	3MSN6	1.1	.9	.2	334.6	348.8	-14.2	.3
165	3MN8	1.8	1.8	.0	136.5	115.5	21.0	.6
167	M8	2.4	2.5	-.1	158.6	145.3	13.3	.6
168	2MSN8	1.8	1.5	.3	186.8	171.9	14.9	.5
170	3MS8	4.0	3.6	.4	204.4	191.6	12.8	.9
174	2(MS)8	1.6	1.4	.2	263.9	249.7	14.2	.4
186	4MS10	1.1	1.0	.1	216.1	209.6	6.4	.2

STATION : IJMUIDEN
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.9	10.7	-9.8	270.2	219.5	50.7	10.2
17	Q1	.7	3.9	-3.2	276.5	129.6	146.9	4.6
20	O1	11.2	11.0	.2	179.5	174.8	4.6	.9
24	M1C	.3	1.4	-1.2	70.0	115.3	-45.3	1.3
33	P1	1.1	3.6	-2.5	7.2	329.9	37.3	2.8
35	K1	9.2	7.9	1.3	344.3	342.3	2.0	1.4
48	3MS2	2.3	2.2	.1	329.0	318.1	10.9	.4
51	MNS2	2.0	1.9	.1	188.0	185.1	2.9	.1
54	NLK2	3.1	2.5	.6	3.6	30.9	-27.4	1.4
56	MU2	11.3	8.8	2.5	206.7	204.5	2.2	2.5
59	N2	8.1	9.6	-1.5	97.5	79.8	17.7	3.1
60	NU2	2.9	4.3	-1.4	48.7	63.3	-14.5	1.7
65	M2	68.5	67.5	1.0	108.2	100.3	7.9	9.4
70	LABDA2	2.0	3.1	-1.1	110.1	109.3	.7	1.1
71	2MN2	6.1	7.1	-1.0	288.3	294.5	-6.2	1.2
77	S2	16.9	17.4	-.5	183.0	167.6	15.4	4.6
79	K2	4.8	5.4	-.6	178.3	168.2	10.1	1.1
80	MSN2	2.4	1.9	.5	359.9	354.3	5.7	.6
85	2SM2	2.3	2.8	-.4	25.2	20.5	4.7	.5
86	SKM2	1.0	1.5	-.4	.5	21.5	-21.1	.6
94	2MK3	1.5	.9	.6	252.9	214.5	38.4	1.0
98	MK3	.8	.3	.5	120.6	240.7	-120.1	.9
105	2MNS4	1.7	1.2	.6	237.7	199.5	38.3	1.1
108	3MS4	4.0	2.8	1.2	262.4	217.2	45.1	2.9
110	MN4	7.5	6.5	1.0	120.5	96.8	23.7	3.1
111	2MLS4	1.1	2.4	-1.3	275.2	263.7	11.5	1.3
113	M4	22.0	19.7	2.3	146.7	125.4	21.4	8.1
116	3MN4	1.8	2.2	-.4	349.0	318.2	30.7	1.2
118	MS4	12.8	11.7	1.1	198.5	184.2	14.4	3.3
119	MK4	3.8	3.5	.3	202.3	183.7	18.6	1.2
121	2MSN4	1.6	1.3	.3	37.0	19.1	17.9	.6
123	S4	.8	.7	.1	246.1	270.1	-23.9	.3
129	3MK5	1.6	2.1	-.5	183.2	158.2	25.0	.9
134	3MO5	2.1	2.3	-.2	333.9	321.3	12.5	.5
140	4MS6	1.2	1.1	.1	257.6	239.0	18.6	.4
142	2MN6	2.0	2.3	-.3	194.4	184.9	9.5	.5
143	2MNU6	.8	.6	.1	86.1	127.4	-41.3	.5
145	M6	3.8	4.4	-.6	199.3	204.4	-5.1	.7
151	2MS6	3.8	5.0	-1.2	257.8	254.1	3.8	1.2
152	2MK6	.9	1.4	-.5	248.3	249.4	-1.1	.5
154	3MSN6	.8	1.1	-.3	44.3	77.8	-33.5	.6
165	3MN8	2.6	2.0	.6	203.4	182.3	21.1	1.0
167	M8	3.5	2.8	.8	234.2	215.1	19.1	1.3
168	2MSN8	2.0	1.4	.5	269.8	241.9	27.9	1.0
170	3MS8	4.4	3.7	.7	284.7	263.8	20.9	1.6
174	2(MS)8	1.4	1.2	.2	340.5	323.3	17.2	.4
186	4MS10	1.9	1.6	.3	351.0	306.2	44.8	1.3

STATION : DEN HELDER
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.7	11.6	-10.9	268.1	225.0	43.1	11.1
17	Q1	.6	3.6	-3.1	283.3	140.1	143.2	4.1
20	O1	10.3	9.9	.4	180.8	187.2	-6.4	1.2
24	M1C	.2	1.2	-1.0	82.5	136.2	-53.7	1.1
33	P1	.8	3.3	-2.4	15.3	343.0	32.3	2.6
35	K1	8.8	7.1	1.7	342.5	351.2	-8.7	2.1
48	3MS2	1.7	1.8	-.1	5.7	11.0	-5.4	.2
51	MNS2	1.6	1.8	-.2	230.0	231.4	-1.4	.2
54	NLK2	2.5	2.1	.4	42.1	83.3	-41.2	1.7
56	MU2	8.8	7.9	.9	242.5	251.8	-9.3	1.6
59	N2	11.5	9.9	1.5	150.0	144.7	5.2	1.8
60	NU2	2.3	3.9	-1.7	81.6	121.5	-39.9	2.6
65	M2	72.3	65.1	7.2	157.7	162.4	-4.7	9.2
70	LABDA2	1.8	2.7	-.9	144.8	162.4	-17.5	1.1
71	2MN2	5.2	6.3	-1.1	322.3	348.7	-26.4	2.9
77	S2	23.1	18.2	5.0	224.8	228.1	-3.2	5.1
79	K2	6.6	5.5	1.1	227.2	227.4	-.1	1.1
80	MSN2	2.2	1.5	.7	33.5	47.0	-13.5	.8
85	2SM2	2.1	2.2	-.1	56.8	70.5	-13.7	.5
86	SKM2	.9	1.2	-.3	36.6	70.1	-33.5	.7
94	2MK3	2.0	.8	1.2	291.5	290.2	1.3	1.2
98	MK3	1.6	.4	1.2	125.1	173.5	-48.4	1.3
105	2MNS4	1.1	.7	.4	273.3	234.4	38.8	.7
108	3MS4	2.6	1.6	1.1	295.8	249.1	46.7	1.9
110	MN4	4.5	3.6	.9	156.5	135.5	21.0	1.7
111	2MLS4	.7	1.3	-.6	305.0	303.4	1.6	.6
113	M4	13.6	10.6	3.0	182.3	163.7	18.5	4.9
116	3MN4	1.3	1.1	.2	20.5	350.7	29.8	.7
118	MS4	7.8	6.2	1.6	239.9	225.9	14.0	2.3
119	MK4	2.3	1.8	.5	242.7	223.4	19.3	.9
121	2MSN4	1.2	.7	.5	79.0	56.9	22.0	.6
123	S4	.2	.4	-.2	326.4	318.0	8.5	.2
129	3MK5	.6	1.0	-.4	236.6	215.7	20.9	.5
134	3MO5	.8	1.2	-.4	349.6	11.1	-21.5	.5
140	4MS6	2.6	1.0	1.6	11.4	347.7	23.7	1.7
142	2MN6	4.4	3.0	1.3	231.7	233.3	-1.5	1.3
143	2MNU6	.7	1.0	-.3	207.4	216.4	-9.0	.3
145	M6	8.3	5.9	2.4	257.4	260.5	-3.1	2.5
151	2MS6	7.6	5.8	1.8	313.3	312.8	.5	1.8
152	2MK6	2.1	1.6	.5	314.5	309.7	4.8	.5
154	3MSN6	1.4	1.3	.2	150.8	155.0	-4.2	.2
165	3MN8	1.6	1.6	.0	274.8	263.6	11.3	.3
167	M8	2.5	2.3	.2	304.4	295.2	9.2	.4
168	2MSN8	1.6	1.2	.4	347.2	331.5	15.7	.5
170	3MS8	4.0	3.2	.7	4.8	349.5	15.4	1.2
174	2(MS)8	1.3	1.2	.1	74.7	56.3	18.4	.4
186	4MS10	1.6	1.4	.3	70.2	61.2	9.0	.4

STATION : HARLINGEN
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	1.4	12.0	-10.6	268.1	223.4	44.7	11.1
17	Q1	.5	3.5	-3.0	333.8	169.3	164.5	3.9
20	O1	8.3	9.7	-1.4	225.9	219.3	6.6	1.7
24	M1C	.2	1.1	-.9	149.2	166.5	-17.3	.9
33	P1	.8	3.0	-2.2	69.2	16.7	52.4	2.6
35	K1	6.9	7.3	-.4	26.4	20.6	5.9	.8
48	3MS2	2.3	2.7	-.4	100.4	87.5	13.0	.7
51	MNS2	1.8	2.7	-.9	340.7	317.8	22.9	1.3
54	NLK2	2.9	3.0	-.1	146.7	169.9	-23.2	1.2
56	MU2	9.8	10.9	-1.1	344.4	334.7	9.7	2.1
59	N2	10.6	12.4	-1.8	239.9	232.2	7.7	2.4
60	NU2	2.7	5.4	-2.7	181.5	207.0	-25.5	3.2
65	M2	68.0	83.0	-14.9	251.3	249.6	1.7	15.1
70	LABDA2	1.5	3.8	-2.3	257.7	257.1	.6	2.3
71	2MN2	5.1	8.4	-3.3	66.7	76.0	-9.3	3.4
77	S2	18.3	21.2	-2.8	319.5	320.1	-.7	2.8
79	K2	5.8	6.5	-.8	322.0	322.8	-.8	.8
80	MSN2	1.8	1.4	.4	146.6	137.4	9.2	.4
85	2SM2	1.7	2.5	-.8	171.0	176.9	-5.8	.9
86	SKM2	.7	1.3	-.6	148.0	171.5	-23.5	.7
94	2MK3	1.6	2.5	-.9	61.6	32.9	28.7	1.4
98	MK3	1.2	1.4	-.2	233.8	204.4	29.4	.7
105	2MNS4	.7	1.3	-.6	145.0	109.7	35.3	.8
108	3MS4	2.0	3.0	-1.1	159.6	123.3	36.3	1.9
110	MN4	1.6	3.1	-1.4	47.8	20.8	27.0	1.8
111	2MLS4	.7	1.8	-1.1	164.0	169.7	-5.6	1.1
113	M4	5.8	10.7	-4.9	61.5	42.1	19.4	5.6
116	3MN4	.9	2.1	-1.2	244.6	230.2	14.4	1.3
118	MS4	3.1	6.2	-3.1	134.3	114.8	19.5	3.4
119	MK4	.9	1.9	-1.0	133.4	114.7	18.7	1.1
121	2MSN4	.8	1.2	-.4	313.1	308.2	4.9	.4
123	S4	.3	.6	-.3	282.8	269.2	13.5	.3
129	3MK5	.4	.2	.1	4.0	71.5	-67.5	.3
134	3MO5	.5	.6	-.1	169.8	194.9	-25.2	.2
140	4MS6	1.0	1.1	-.1	165.5	230.9	-65.3	1.2
142	2MN6	1.1	1.9	-.8	41.8	110.3	-68.6	1.8
143	2MNU6	.4	1.0	-.5	1.5	93.9	-92.4	1.1
145	M6	2.3	3.9	-1.5	61.9	140.5	-78.6	4.1
151	2MS6	2.3	3.4	-1.1	117.9	200.5	-82.5	3.8
152	2MK6	.7	1.0	-.4	122.2	202.8	-80.7	1.1
154	3MSN6	.6	.9	-.2	307.0	41.0	-94.0	1.1
165	3MN8	.4	.7	-.3	191.3	264.7	-73.3	.7
167	M8	.6	1.0	-.4	231.0	295.0	-64.0	.9
168	2MSN8	.3	.5	-.2	292.3	333.6	-41.3	.4
170	3MS8	.8	1.5	-.6	294.0	343.1	-49.1	1.1
174	2(MS)8	.2	.5	-.4	.3	52.2	-51.9	.5
186	4MS10	.7	.5	.3	324.4	79.4	-115.0	1.0

STATION : DELFZIJL
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.5	10.5	-10.0	266.8	214.1	52.8	10.2
17	Q1	.4	3.5	-3.1	349.2	176.3	172.9	3.9
20	O1	8.3	9.2	-.9	225.7	230.0	-4.2	1.1
24	M1C	.2	1.1	-.9	142.0	188.4	-46.4	1.0
33	P1	.6	3.3	-2.6	90.4	26.6	63.8	3.0
35	K1	7.3	7.3	.0	24.7	26.4	-1.6	.2
48	3MS2	3.9	3.8	.1	149.8	144.0	5.8	.4
51	MNS2	3.4	3.3	.2	25.8	10.1	15.7	.9
54	NLK2	5.4	4.1	1.3	196.1	225.6	-29.5	2.7
56	MU2	17.5	14.8	2.8	36.7	33.6	3.1	2.9
59	N2	19.6	21.0	-1.4	286.7	282.5	4.2	2.1
60	NU2	4.7	8.5	-3.9	238.3	262.7	-24.4	4.7
65	M2	125.0	134.7	-9.7	303.8	305.0	-1.2	10.1
70	LABDA2	2.9	4.8	-2.0	311.0	316.3	-5.3	2.0
71	2MN2	9.3	12.4	-3.1	125.0	139.1	-14.0	4.1
77	S2	32.2	33.7	-1.4	14.2	14.9	-.7	1.5
79	K2	10.5	10.4	.1	18.3	14.4	4.0	.7
80	MSN2	3.3	2.4	.8	206.2	221.1	-14.9	1.1
85	2SM2	3.0	3.4	-.4	233.0	241.1	-8.2	.6
86	SKM2	1.4	1.8	-.5	211.4	239.6	-28.3	.9
94	2MK3	2.1	1.4	.7	104.3	77.5	26.8	1.1
98	MK3	1.8	.7	1.1	262.1	227.6	34.5	1.3
105	2MNS4	1.1	1.6	-.5	245.5	144.9	100.7	2.1
108	3MS4	2.9	4.0	-1.1	259.7	166.7	93.0	5.1
110	MN4	3.1	5.3	-2.2	149.6	63.9	85.7	5.9
111	2MLS4	1.1	2.8	-1.7	270.4	213.6	56.8	2.3
113	M4	10.6	16.6	-6.0	165.2	90.3	74.9	17.3
116	3MN4	1.5	2.7	-1.2	354.0	278.5	75.6	2.7
118	MS4	6.6	10.4	-3.8	230.2	166.9	63.3	9.5
119	MK4	2.1	3.1	-1.0	234.2	162.7	71.6	3.2
121	2MSN4	1.4	1.8	-.4	58.8	11.7	47.1	1.3
123	S4	.5	1.1	-.5	355.8	313.0	42.8	.8
129	3MK5	.3	.5	-.2	71.1	156.4	-85.3	.6
134	3MO5	.4	.9	-.5	263.3	305.5	-42.3	.7
140	4MS6	2.3	1.9	.4	9.4	344.8	24.6	1.0
142	2MN6	2.1	3.6	-1.5	234.7	239.7	-5.0	1.5
143	2MNU6	.9	1.7	-.7	215.7	211.1	4.6	.7
145	M6	4.5	7.0	-2.6	264.7	269.6	-4.9	2.6
151	2MS6	3.7	6.9	-3.2	327.3	335.8	-8.5	3.3
152	2MK6	1.2	2.0	-.8	334.1	335.4	-1.3	.8
154	3MSN6	1.2	1.8	-.6	164.9	171.7	-6.8	.6
165	3MN8	.8	.9	-.1	131.0	69.2	61.8	.9
167	M8	1.2	1.4	-.1	165.3	104.5	60.9	1.3
168	2MSN8	.7	.8	-.1	213.0	145.5	67.5	.9
170	3MS8	1.6	2.1	-.6	225.8	161.1	64.7	2.1
174	2(MS)8	.5	.9	-.4	299.4	241.3	58.1	.8
186	4MS10	.6	1.3	-.8	252.5	318.0	-65.5	1.2

STATION : BORKUM
OBSERVED : 53 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.6	9.3	-8.7	266.6	289.9	-23.3	8.8
17	Q1	.3	3.1	-2.8	327.3	161.1	166.2	3.4
20	O1	8.3	9.0	-.7	204.3	217.3	-13.0	2.1
24	M1C	.2			135.9			
33	P1	.6	2.6	-2.0	68.4	8.9	59.4	2.4
35	K1	7.4	6.6	.8	2.6	5.0	-2.4	.9
48	3MS2	2.5			126.1			
51	MNS2	2.2	2.2	.0	346.5	338.7	7.9	.3
54	NLK2	3.4			163.5			
56	MU2	11.5	9.6	1.9	4.4	.5	3.9	2.0
59	N2	15.9	17.1	-1.2	239.1	244.3	-5.2	1.9
60	NU2	2.8	5.8	-3.0	210.0	234.1	-24.0	3.4
65	M2	99.8	104.8	-5.0	260.3	269.5	-9.3	17.3
70	LABDA2	1.9	3.7	-1.8	264.0	279.2	-15.2	1.9
71	2MN2	6.0	9.4	-3.4	87.6	104.5	-16.9	4.1
77	S2	26.6	27.1	-.5	321.4	333.1	-11.7	5.5
79	K2	8.2	8.3	-.1	327.3	330.6	-3.3	.5
80	MSN2	2.2	1.8	.4	156.0	171.4	-15.4	.7
85	2SM2	2.1	2.4	-.3	181.8	190.9	-9.1	.5
86	SKM2	1.0			161.2			
94	2MK3	1.1			41.9			
98	MK3	.8	.8	.0	207.6	207.7	-.1	.0
105	2MNS4	.5			73.3			
108	3MS4	1.6			99.1			
110	MN4	2.1	1.7	.4	317.2	338.1	-20.9	.8
111	2MLS4	.5			117.2			
113	M4	7.7	5.4	2.3	350.0	353.4	-3.4	2.4
116	3MN4	.9			197.0			
118	MS4	5.3	4.3	1.0	55.5	76.1	-20.7	2.0
119	MK4	1.6	1.3	.3	61.8	68.0	-6.2	.4
121	2MSN4	.9			257.0			
123	S4	.3	.5	-.2	159.1	206.2	-47.1	.4
129	3MK5	.3			190.0			
134	3MO5	.1			38.7			
140	4MS6	2.2			248.7			
142	2MN6	1.7	2.4	-.7	126.9	143.9	-16.9	.9
143	2MNU6	1.0			95.2			
145	M6	4.2	4.4	-.2	148.9	172.9	-24.1	1.8
151	2MS6	3.2	4.2	-1.0	211.7	231.2	-19.5	1.6
152	2MK6	1.0	1.2	-.2	215.3	226.1	-10.9	.3
154	3MSN6	1.2			36.0			
165	3MN8	1.1			298.3			
167	M8	1.7	1.3	.4	332.1	310.1	22.0	.7
168	2MSN8	1.1			19.1			
170	3MS8	2.4			36.3			
174	2(MS)8	.8			110.2			
186	4MS10	1.0			177.6			

STATION : HELGOLAND
OBSERVED : 53 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.6	12.2	-11.6	265.3	288.4	-23.1	11.7
17	Q1	.3	2.9	-2.6	352.1	172.7	179.4	3.2
20	O1	8.1	9.2	-1.1	223.7	234.8	-11.0	2.0
24	M1C	.2			160.7			
33	P1	.6	2.6	-2.0	94.2	27.0	67.2	2.4
35	K1	7.2	6.4	.8	23.1	20.6	2.5	.9
48	3MS2	2.9			167.9			
51	MNS2	2.5	2.3	.2	31.3	13.4	17.9	.8
54	NLK2	3.9			208.7			
56	MU2	13.3	9.9	3.4	49.6	40.8	8.7	3.8
59	N2	16.8	17.5	-.7	287.5	284.9	2.6	1.0
60	NU2	3.3	6.2	-2.9	256.0	273.4	-17.4	3.2
65	M2	108.5	108.6	-.1	309.0	312.0	-3.0	5.7
70	LABDA2	2.2	3.9	-1.7	314.2	327.8	-13.7	1.8
71	2MN2	7.0	9.2	-2.2	137.0	149.2	-12.2	2.8
77	S2	28.7	28.9	-.2	14.5	17.7	-3.2	1.6
79	K2	9.0	8.4	.6	20.4	14.6	5.8	1.0
80	MSN2	2.5	1.8	.7	208.8	212.8	-4.0	.8
85	2SM2	2.4	2.6	-.2	236.5	237.1	-.6	.2
86	SKM2	1.1			214.2			
94	2MK3	1.1			144.4			
98	MK3	.8	.5	.3	316.0	243.4	72.6	.8
105	2MNS4	.1			333.0			
108	3MS4	.4			25.5			
110	MN4	.0	2.5	-2.5	136.4	123.5	13.0	2.5
111	2MLS4	.2			58.0			
113	M4	.6	7.0	-6.4	7.7	147.7	-140.1	7.5
116	3MN4	.2			178.2			
118	MS4	1.4	4.3	-2.9	111.8	206.7	-94.9	4.6
119	MK4	.5	1.3	-.8	115.1	199.6	-84.6	1.3
121	2MSN4	.3			282.8			
123	S4	.3	.4	-.1	224.2	297.1	-72.9	.4
129	3MK5	.3			272.0			
134	3MO5	.2			96.7			
140	4MS6	1.3			46.6			
142	2MN6	1.7	1.1	.6	272.6	263.7	8.9	.6
143	2MNU6	.5			251.3			
145	M6	3.4	2.0	1.4	297.5	291.8	5.6	1.4
151	2MS6	3.2	2.1	1.1	353.5	348.4	5.0	1.1
152	2MK6	.9	.6	.3	356.7	347.7	9.0	.3
154	3MSN6	.8			192.8			
165	3MN8	.4			114.8			
167	M8	.6	.4	.2	143.3	122.3	21.0	.3
168	2MSN8	.4			180.0			
170	3MS8	1.0			205.1			
174	2(MS)8	.3			267.8			
186	4MS10	.3			358.7			

STATION : HANSTHOLM
OBSERVED : 7 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.5			268.1			
17	Q1	.1			71.6			
20	O1	1.1	2.4	-1.3	257.9	2.1	-104.1	2.9
24	M1C	.1			245.4			
33	P1	.3	.8	-.5	177.6	186.0	-8.4	.5
35	K1	1.0	2.3	-1.3	102.4	186.0	-83.5	2.4
48	3MS2	.8			338.2			
51	MNS2	.7			201.1			
54	NLK2	1.1			30.7			
56	MU2	3.8			228.0			
59	N2	5.0	2.9	2.1	47.1	47.6	-.5	2.1
60	NU2	1.0			85.9			
65	M2	27.0	12.2	14.8	85.7	105.0	-19.3	16.0
70	LABDA2	.5			146.2			
71	2MN2	1.9			335.0			
77	S2	4.2	2.7	1.5	96.9	14.0	82.9	4.7
79	K2	1.0	.8	.2	103.3	13.9	89.4	1.2
80	MSN2	.5			63.6			
85	2SM2	.5			101.1			
86	SKM2	.2			77.7			
94	2MK3	.2			300.9			
98	MK3	.1			156.6			
105	2MNS4	.1			112.0			
108	3MS4	.1			90.4			
110	MN4	.6			28.0			
111	2MLS4	.0			63.4			
113	M4	1.1			54.8			
116	3MN4	.0			161.7			
118	MS4	.8			101.9			
119	MK4	.2			108.6			
121	2MSN4	.1			257.3			
123	S4	.1			177.2			
129	3MK5	.2			11.5			
134	3MO5	.1			193.5			
140	4MS6	.4			191.3			
142	2MN6	.2			353.1			
143	2MNU6	.2			51.2			
145	M6	.4			69.1			
151	2MS6	.3			337.8			
152	2MK6	.1			336.6			
154	3MSN6	.1			319.5			
165	3MN8	.2			24.3			
167	M8	.2			57.3			
168	2MSN8	.1			56.7			
170	3MS8	.3			84.5			
174	2(MS)8	.1			115.1			
186	4MS10	.5			99.8			

STATION : EKOFISK
OBSERVED : 94 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.1	9.2	-9.1	263.3	214.3	49.0	9.2
17	Q1	.1	1.7	-1.6	130.3	88.3	41.9	1.6
20	O1	2.6	2.7	.0	113.3	104.5	8.7	.4
24	M1C	.0	.5	-.5	241.4	91.5	149.8	.6
33	P1	.1	.8	-.7	194.0	252.8	-58.9	.8
35	K1	2.8	2.4	.4	262.0	268.9	-6.9	.5
48	3MS2	.3	.6	-.2	13.5	299.4	74.1	.6
51	MNS2	.4	.5	-.1	220.4	303.9	-83.5	.6
54	NLK2	.5	1.4	-.8	47.6	117.5	-69.9	1.3
56	MU2	1.7	1.3	.4	253.3	301.6	-48.3	1.3
59	N2	6.1	5.0	1.0	49.3	75.5	-26.2	2.7
60	NU2	.4	1.7	-1.3	113.1	69.4	43.7	1.4
65	M2	28.0	28.0	.0	79.1	82.6	-3.5	1.7
70	LABDA2	.2	.4	-.1	143.8	91.1	52.7	.3
71	2MN2	.8	.9	-.1	345.0	274.1	70.9	1.0
77	S2	8.9	7.9	1.0	106.2	116.2	-10.0	1.8
79	K2	2.6	2.2	.5	113.6	100.4	13.2	.7
80	MSN2	.1	.2	-.1	42.9	10.9	32.0	.1
85	2SM2	.1	.4	-.3	81.7	94.2	-12.6	.3
86	SKM2	.1	.2	-.1	46.6	148.9	-102.3	.2
94	2MK3	.2	.2	-.1	49.5	19.5	29.9	.1
98	MK3	.1	.1	.0	209.7	149.8	59.9	.1
105	2MNS4	.2	.3	-.1	92.8	193.6	-100.9	.4
108	3MS4	.5	.6	.0	136.4	154.3	-17.9	.2
110	MN4	.8	.3	.5	351.6	355.2	-3.5	.5
111	2MLS4	.1			159.7			
113	M4	2.7	2.0	.7	38.5	47.2	-8.7	.8
116	3MN4	.3	.4	-.1	246.4	248.2	-1.8	.1
118	MS4	1.8	1.1	.7	130.6	152.8	-22.2	.9
119	MK4	.5	.2	.3	140.6	128.4	12.2	.3
121	2MSN4	.4	.4	.0	330.2	338.9	-8.7	.1
123	S4	.2	.3	-.1	263.5	331.0	-67.5	.3
129	3MK5	.2	.1	.1	290.8	322.5	-31.6	.1
134	3MO5	.2	.2	.0	132.8	133.2	-.4	.0
140	4MS6	.5			45.8			
142	2MN6	1.0	.7	.4	241.1	228.6	12.5	.4
143	2MNU6	.1			276.8			
145	M6	1.8	1.3	.5	273.6	249.8	23.8	.8
151	2MS6	2.0	.9	1.1	330.3	315.4	14.9	1.1
152	2MK6	.5	.4	.2	332.6	303.6	29.0	.3
154	3MSN6	.4	.2	.2	193.8	162.2	31.6	.2
165	3MN8	.1	.2	-.1	14.2	336.3	37.9	.1
167	M8	.2	.2	.0	37.8	15.5	22.3	.1
168	2MSN8	.1	.1	.1	67.4	139.4	-72.0	.1
170	3MS8	.3	.3	.1	93.7	82.6	11.1	.1
174	2(MS)8	.1	.1	.0	157.7	171.9	-14.2	.0
186	4MS10	.3	.1	.3	210.4	195.7	14.7	.3

STATION : K13 A
OBSERVED : 110 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	.4	12.6	-12.2	266.2	218.5	47.7	12.3
17	Q1	.4	3.7	-3.3	248.5	116.3	132.2	3.9
20	O1	10.0	9.8	.2	163.0	166.0	-3.0	.5
24	M1C	.1	.9	-.8	66.3	124.8	-58.5	.9
33	P1	.5	2.8	-2.3	341.3	317.6	23.7	2.4
35	K1	9.8	8.3	1.5	325.0	332.4	-7.3	1.9
48	3MS2	.5	.4	.1	355.0	354.8	.1	.1
51	MNS2	.7	.8	-.1	243.6	201.9	41.7	.5
54	NLK2	1.0	1.6	-.6	41.6	28.5	13.1	.7
56	MU2	3.2	3.7	-.5	236.5	215.6	21.0	1.4
59	N2	12.5	9.8	2.7	169.2	161.8	7.3	3.1
60	NU2	.9	1.9	-1.0	60.1	149.5	-89.4	2.1
65	M2	59.0	52.1	6.9	181.5	178.1	3.4	7.6
70	LABDA2	1.0	1.7	-.7	145.1	151.6	-6.5	.7
71	2MN2	2.5	2.9	-.4	311.9	341.5	-29.6	1.4
77	S2	23.6	18.5	5.1	234.9	234.3	.7	5.1
79	K2	6.8	5.3	1.5	240.6	233.7	6.9	1.7
80	MSN2	1.3	.8	.5	29.4	19.2	10.2	.6
85	2SM2	1.3	1.2	.1	49.6	53.5	-3.9	.1
86	SKM2	.6	.7	-.1	33.4	64.5	-31.1	.3
94	2MK3	1.5	1.2	.2	280.2	265.2	15.0	.4
98	MK3	1.3	.9	.4	99.4	74.1	25.3	.6
105	2MNS4	.2	.3	-.1	259.4	226.8	32.5	.2
108	3MS4	.7	.7	.1	275.6	237.8	37.8	.5
110	MN4	.7	.5	.2	189.2	121.4	67.8	.7
111	2MLS4	.3	.5	-.2	280.7	288.2	-7.5	.2
113	M4	2.6	2.1	.5	195.6	155.2	40.3	1.7
116	3MN4	.5	.5	.0	7.2	347.8	19.3	.2
118	MS4	2.1	1.3	.8	284.0	245.2	38.8	1.3
119	MK4	.6	.2	.4	293.9	236.5	57.4	.5
121	2MSN4	.5	.3	.2	87.0	90.0	-3.0	.2
123	S4	.4	.1	.4	49.4	18.6	30.8	.4
129	3MK5	.5	.3	.2	336.2	337.1	-.9	.2
134	3MO5	.6	.4	.2	161.0	162.3	-1.3	.2
140	4MS6	1.1	.4	.7	312.6	304.9	7.7	.7
142	2MN6	1.3	1.6	-.3	134.8	127.7	7.1	.4
143	2MNU6	.4	.6	-.3	177.5	146.3	31.1	.4
145	M6	2.2	3.0	-.7	168.6	157.9	10.7	.9
151	2MS6	1.8	2.5	-.7	204.7	204.5	.2	.7
152	2MK6	.5	.7	-.2	215.4	208.2	7.1	.2
154	3MSN6	.4	.5	.0	67.0	63.7	3.3	.0
165	3MN8	.7	.6	.1	71.2	59.7	11.6	.2
167	M8	1.1	.8	.2	108.8	94.7	14.1	.3
168	2MSN8	.6	.4	.2	161.9	130.7	31.3	.3
170	3MS8	1.4	1.2	.3	178.5	154.3	24.3	.6
174	2(MS)8	.4	.4	.0	248.0	217.5	30.5	.2
186	4MS10	.6	.8	-.2	273.4	256.9	16.5	.3

STATION : EURO 0
OBSERVED : 110 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	476	O	D	476	O	D	
1	SA	1.0	7.8	-6.8	268.5	205.9	62.6	7.4
17	Q1	.8	3.3	-2.5	263.8	119.7	144.0	3.9
20	O1	11.5	10.1	1.4	173.7	169.5	4.2	1.6
24	M1C	.3	2.3	-2.0	54.6	102.1	-47.6	2.1
33	P1	1.2	3.9	-2.7	352.5	318.7	33.8	2.9
35	K1	9.6	7.7	1.9	342.8	344.9	-2.1	1.9
48	3MS2	2.2	1.8	.4	277.6	267.7	9.9	.5
51	MNS2	1.9	1.2	.7	126.4	127.2	-.9	.7
54	NLK2	2.8	2.5	.3	306.5	316.0	-9.6	.6
56	MU2	10.2	6.4	3.7	153.7	153.9	-.2	3.7
59	N2	10.8	11.6	-.7	353.0	357.4	-4.4	1.1
60	NU2	2.5	4.2	-1.7	359.7	353.8	5.9	1.7
65	M2	74.3	72.9	1.4	27.4	25.7	1.7	2.6
70	LABDA2	1.5	2.2	-.8	46.3	58.3	-12.0	.9
71	2MN2	4.7	6.4	-1.7	232.5	232.7	-.1	1.7
77	S2	16.1	18.1	-2.0	72.6	80.2	-7.6	3.0
79	K2	5.7	5.3	.5	71.8	82.3	-10.5	1.1
80	MSN2	1.6	1.6	.1	296.0	295.1	.8	.1
85	2SM2	1.5	2.2	-.8	324.2	324.1	.0	.8
86	SKM2	.7	1.1	-.4	294.9	327.0	-32.1	.6
94	2MK3	1.1	1.3	-.2	130.8	94.8	36.0	.7
98	MK3	.9	1.3	-.4	250.2	240.8	9.4	.5
105	2MNS4	.7	.4	.3	174.1	117.4	56.7	.6
108	3MS4	1.5	1.0	.4	199.4	143.1	56.3	1.3
110	MN4	4.3	3.5	.8	58.2	45.5	12.7	1.2
111	2MLS4	.3	.9	-.6	215.8	200.8	15.0	.6
113	M4	11.5	9.8	1.7	82.1	71.1	11.0	2.6
116	3MN4	.6	1.4	-.8	275.8	256.8	19.0	.9
118	MS4	7.9	6.7	1.2	129.9	125.1	4.9	1.4
119	MK4	2.3	2.0	.3	136.5	129.6	6.9	.4
121	2MSN4	.8	.7	.1	307.8	312.5	-4.7	.1
123	S4	1.0	.6	.4	196.4	221.7	-25.3	.5
129	3MK5	.7	.7	.0	114.9	100.2	14.7	.2
134	3MO5	.5	.4	.1	292.2	275.7	16.6	.2
140	4MS6	1.4	.8	.7	136.1	125.1	11.0	.7
142	2MN6	2.0	2.1	-.1	351.4	336.0	15.4	.6
143	2MNU6	.4	.9	-.5	340.5	319.5	21.0	.5
145	M6	3.8	3.9	-.1	18.7	6.2	12.5	.9
151	2MS6	2.9	3.7	-.9	66.4	57.8	8.6	1.0
152	2MK6	.8	1.0	-.1	63.5	62.3	1.2	.2
154	3MSN6	.6	.9	-.3	259.1	262.3	-3.1	.3
165	3MN8	1.0	.7	.3	357.7	358.1	-.4	.3
167	M8	1.3	1.0	.3	26.5	28.6	-2.1	.3
168	2MSN8	.8	.6	.2	58.1	47.3	10.8	.3
170	3MS8	1.8	1.4	.4	74.3	75.1	-.9	.4
174	2(MS)8	.7	.6	.1	126.9	133.9	-7.0	.1
186	4MS10	.3	.4	-.1	342.2	353.6	-11.4	.1

CONSTI-TUENT	NOT AVAILABLE	MAX. DIFFERENCE (CM)					
		0.0-1.9	2.0-4.9	5.0-9.9	10.0-19.9	20.0-49.9	50.0=<
SA	8		1	15	8		
Q1	2	4	25	1			
O1		18	14				
M1C	18	12	2				
P1	1	11	20				
K1		17	15				
3MS2	18	14					
MNS2	8	23	1				
NLK2	21	7	4				
MU2	1	7	11	13			
N2		10	18	4			
NU2	4	7	11	9	1		
M2			5	9	14	3	1
LABDA2	8	14	9	1			
2MN2	2	10	12	6	2		
S2		6	13	9	4		
K2	1	20	11				
MSN2	9	21	2				
2SM2	1	31					
SKM2	17	15					
2MK3	20	12					
MK3	2	30					
2MNS4	19	13					
3MS4	18	6	8				
MN4	1	24	6	1			
2MLS4	19	12	1				
M4	1	12	8	9	2		
3MN4	17	11	4				
MS4	1	16	10	4	1		
MK4	8	21	3				
2MSN4	21	11					
S4	9	23					
3MK5	18	14					
3MO5	18	14					
4MS6	19	12	1				
2MN6	2	23	7				
2MNU6	19	13					
M6	1	15	12	4			
2MS6	1	15	12	4			
2MK6	8	22	2				
3MSN6	18	14					
3MN8	17	14	1				
M8	15	15	2				
2MSN8	17	14	1				
3MS8	17	9	6				
2(MS)8	17	15					
4MS10	20	10	2				

TABEL 1: OVERZICHT VAN DE MAXIMALE VERSCHILLEN VOOR 47 GETIJ-KOMPONENTEN IN 32 STATIONS, RUN-C02

STATION : J76-57
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.1			263.9			
17	Q1	.1	1.8	-1.7	97.3	261.5	-164.2	1.9
20	O1	1.9	2.3	-.4	3.4	39.6	-36.2	1.4
24	M1C	.1			261.1			
33	P1	.2	.6	-.4	188.4	149.6	38.8	.5
35	K1	2.4	2.0	.4	163.7	165.8	-2.1	.4
48	3MS2	.3			359.6			
51	MNS2	.2			222.0			
54	NLK2	.4			52.9			
56	MU2	1.4	1.5	-.1	252.3	277.4	-25.1	.6
59	N2	3.4	4.7	-1.3	281.4	261.8	19.6	1.9
60	NU2	.4	.9	-.5	108.6	262.2	-153.6	1.3
65	M2	14.1	24.5	-10.4	290.0	286.1	3.9	10.5
70	LABDA2	.2			178.3			
71	2MN2	.7	1.0	-.3	1.1	93.7	-92.6	1.3
77	S2	8.1	9.9	-1.8	326.6	328.3	-1.7	1.8
79	K2	2.6	2.8	-.2	331.5	324.8	6.8	.4
80	MSN2	.2			92.6			
85	2SM2	.2	.2	.0	129.6	7.3	122.3	.4
86	SKM2	.1			116.3			
94	2MK3	.3			110.7			
98	MK3	.2	.1	.1	287.2	345.6	-58.4	.2
105	2MNS4	.2			16.3			
108	3MS4	.3			41.9			
110	MN4	.9	.3	.6	271.1	215.0	56.1	.8
111	2MLS4	.1			42.5			
113	M4	2.4	1.1	1.3	301.8	260.2	41.6	1.7
116	3MN4	.1			141.2			
118	MS4	1.5	.9	.6	2.0	5.2	-3.2	.6
119	MK4	.5			8.7			
121	2MSN4	.1			201.5			
123	S4	.2			50.5			
129	3MK5	.1			81.5			
134	3MO5	.1			246.5			
140	4MS6	.3			264.0			
142	2MN6	.4	.7	-.3	50.3	45.3	5.0	.3
143	2MNU6	.2			148.3			
145	M6	.7	1.0	-.3	84.1	68.5	15.6	.4
151	2MS6	.6	1.1	-.5	109.0	122.3	-13.3	.5
152	2MK6	.1			102.8			
154	3MSN6	.1			352.4			
165	3MN8	.1			266.4			
167	M8	.2			293.3			
168	2MSN8	.2			337.5			
170	3MS8	.4			9.1			
174	2(MS)8	.2			87.2			
186	4MS10	.2			296.6			

BIJLAGE 1 bij TAAK 3.3
Projekt: Z262.00
Datum : 16 juni 1988

STATION : J76-56
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.0			120.1			
17	Q1	.1	2.1	-2.0	84.5	256.9	-172.4	2.2
20	O1	2.8	3.9	-1.1	33.0	48.4	-15.4	1.4
24	M1C	.1			270.7			
33	P1	.1	.8	-.7	182.5	167.9	14.6	.7
35	K1	3.6	2.5	1.1	178.6	184.0	-5.4	1.1
48	3MS2	.3			343.1			
51	MNS2	.2			205.2			
54	NLK2	.3			37.9			
56	MU2	1.2	1.8	-.6	235.5	274.6	-39.1	1.2
59	N2	5.9	6.3	-.4	300.0	285.3	14.7	1.6
60	NU2	.4	1.2	-.8	96.2	285.7	170.5	1.5
65	M2	24.8	32.2	-7.4	318.6	308.9	9.7	8.8
70	LABDA2	.1			168.8			
71	2MN2	.6	.8	-.2	349.5	125.0	-135.5	1.3
77	S2	11.4	12.5	-1.1	345.7	345.2	.5	1.1
79	K2	3.6	3.5	.1	350.2	341.7	8.5	.5
80	MSN2	.2			82.5			
85	2SM2	.2	.0	.1	120.1	357.6	122.5	.2
86	SKM2	.1			106.7			
94	2MK3	.3			112.3			
98	MK3	.2	.1	.1	287.9	249.0	38.9	.2
105	2MNS4	.1			17.1			
108	3MS4	.3			38.7			
110	MN4	.8	.4	.4	267.5	228.0	39.5	.6
111	2MLS4	.1			47.1			
113	M4	2.1	1.2	.9	297.2	261.8	35.4	1.4
116	3MN4	.1			140.5			
118	MS4	1.3	1.0	.3	358.8	.2	-1.4	.3
119	MK4	.4			5.9			
121	2MSN4	.1			201.3			
123	S4	.1			53.1			
129	3MK5	.1			101.0			
134	3MO5	.2			273.0			
140	4MS6	.2			179.7			
142	2MN6	.5	.4	.1	351.7	27.1	-35.4	.3
143	2MNU6	.1			76.1			
145	M6	1.0	.6	.4	25.4	48.5	-23.1	.5
151	2MS6	1.0	.7	.3	72.2	105.3	-33.1	.6
152	2MK6	.3			75.3			
154	3MSN6	.2			299.8			
165	3MN8	.1			216.3			
167	M8	.1			251.3			
168	2MSN8	.1			279.3			
170	3MS8	.2			313.3			
174	2(MS)8	.1			345.5			
186	4MS10	.4			240.7			

STATION : J76-55
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.0			116.3			
17	Q1	.0	2.1	-2.1	78.3	309.8	128.5	2.1
20	O1	3.9	6.6	-2.7	36.6	39.0	-2.4	2.7
24	M1C	.0			266.6			
33	P1	.1	1.4	-1.3	177.3	172.9	4.4	1.3
35	K1	4.9	4.4	.5	177.5	189.1	-11.6	1.1
48	3MS2	.2			328.4			
51	MNS2	.2			183.0			
54	NLK2	.3			20.4			
56	MU2	1.1	2.2	-1.1	220.3	271.7	-51.5	1.7
59	N2	8.4	10.1	-1.7	303.7	296.9	6.8	2.0
60	NU2	.3	1.8	-1.5	82.2	297.3	144.9	2.1
65	M2	35.8	49.1	-13.3	324.8	318.4	6.4	14.1
70	LABDA2	.1			164.2			
71	2MN2	.6	1.3	-.7	340.4	136.5	-156.1	1.8
77	S2	15.0	18.0	-3.0	351.8	353.9	-2.1	3.0
79	K2	4.7	5.0	-.3	356.4	350.4	6.0	.6
80	MSN2	.2			85.3			
85	2SM2	.2	.4	-.2	121.8	37.7	84.1	.4
86	SKM2	.1			88.4			
94	2MK3	.4			114.1			
98	MK3	.3	.2	.1	292.4	39.8	-107.4	.4
105	2MNS4	.1			17.1			
108	3MS4	.3			37.9			
110	MN4	.6	.7	-.1	263.4	241.5	21.9	.3
111	2MLS4	.1			57.7			
113	M4	1.6	1.3	.3	290.0	275.5	14.5	.4
116	3MN4	.1			132.5			
118	MS4	.9	.9	.0	355.7	6.8	-11.1	.2
119	MK4	.3			2.7			
121	2MSN4	.1			200.5			
123	S4	.1			48.5			
129	3MK5	.2			99.0			
134	3MO5	.2			277.2			
140	4MS6	.6			115.4			
142	2MN6	.8	.5	.3	300.1	227.7	72.4	.8
143	2MNU6	.2			356.5			
145	M6	1.4	.7	.7	337.3	240.5	96.8	1.7
151	2MS6	1.2	.9	.3	28.3	281.9	106.4	1.7
152	2MK6	.3			35.6			
154	3MSN6	.3			256.1			
165	3MN8	.2			173.0			
167	M8	.3			203.0			
168	2MSN8	.2			205.6			
170	3MS8	.5			243.2			
174	2(MS)8	.3			301.2			
186	4MS10	.4			215.5			

STATION : J76-54
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.1			94.8			
17	Q1	.1	3.2	-3.1	47.6	316.5	91.1	3.2
20	O1	6.1	9.1	-3.0	32.1	37.4	-5.3	3.1
24	M1C	.1			229.2			
33	P1	.2	2.1	-1.9	148.7	173.0	-24.3	1.9
35	K1	8.1	6.6	1.5	176.4	189.2	-12.8	2.2
48	3MS2	.3			299.1			
51	MNS2	.2			141.4			
54	NLK2	.4			344.8			
56	MU2	1.3	2.6	-1.3	190.4	275.6	-85.2	2.8
59	N2	14.3	13.7	.6	303.4	301.2	2.2	.8
60	NU2	.4	2.5	-2.1	59.1	301.6	117.5	2.7
65	M2	62.3	66.6	-4.3	326.1	323.3	2.8	5.3
70	LABDA2	.1			171.8			
71	2MN2	.5	1.7	-1.2	328.2	145.3	-177.2	2.2
77	S2	24.6	23.8	.8	354.5	359.7	-5.2	2.3
79	K2	7.5	6.6	.9	359.1	356.2	2.9	1.0
80	MSN2	.2			95.7			
85	2SM2	.2	.5	-.3	118.1	56.4	61.7	.4
86	SKM2	.1			113.9			
94	2MK3	.5			119.5			
98	MK3	.4	.2	.2	303.8	48.1	-104.3	.5
105	2MNS4	.0			58.1			
108	3MS4	.1			63.4			
110	MN4	.1	.8	-.7	65.0	252.2	172.8	.9
111	2MLS4	.0			66.0			
113	M4	.0	1.5	-1.5	183.4	295.1	-111.7	1.5
116	3MN4	.1			103.0			
118	MS4	.2	.9	-.7	93.8	29.3	64.5	.8
119	MK4	.1			118.1			
121	2MSN4	.1			198.5			
123	S4	.1			186.7			
129	3MK5	.1			110.8			
134	3MO5	.1			277.2			
140	4MS6	.5			76.1			
142	2MN6	.7	.5	.2	232.3	212.0	20.3	.3
143	2MNU6	.2			319.6			
145	M6	1.2	.8	.4	265.3	218.7	46.6	.9
151	2MS6	1.2	1.0	.2	290.7	266.6	24.1	.5
152	2MK6	.3			286.3			
154	3MSN6	.2			162.7			
165	3MN8	.1			107.8			
167	M8	.1			153.3			
168	2MSN8	.0			107.0			
170	3MS8	.1			180.1			
174	2(MS)8	.1			162.1			
186	4MS10	.5			37.1			

STATION : J76-53
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.0			249.9			
17	Q1	.1	3.9	-3.8	42.5	325.6	76.9	3.9
20	O1	7.7	9.9	-2.2	29.3	31.7	-2.4	2.2
24	M1C	.1			236.3			
33	P1	.3	2.4	-2.1	153.9	169.9	-16.0	2.1
35	K1	10.1	7.8	2.3	178.2	186.0	-7.8	2.6
48	3MS2	.4			285.0			
51	MNS2	.3			133.8			
54	NLK2	.4			334.4			
56	MU2	1.5	2.6	-1.1	178.9	295.1	-116.2	3.5
59	N2	19.8	15.7	4.1	308.2	304.3	3.9	4.3
60	NU2	.4	2.9	-2.5	51.4	304.7	106.7	3.0
65	M2	86.7	75.9	10.8	331.1	325.9	5.2	13.1
70	LABDA2	.1			185.7			
71	2MN2	.5	1.9	-1.4	330.7	138.8	-168.2	2.5
77	S2	33.4	26.8	6.6	.8	3.7	-2.9	6.8
79	K2	10.3	7.4	2.9	5.4	.2	5.2	3.0
80	MSN2	.3			98.2			
85	2SM2	.4	.7	-.3	119.4	64.5	54.9	.6
86	SKM2	.2			101.6			
94	2MK3	.5			125.8			
98	MK3	.4	.3	.1	312.0	55.3	-103.3	.6
105	2MNS4	.1			132.6			
108	3MS4	.1			139.8			
110	MN4	.4	1.0	-.6	91.1	272.5	178.6	1.4
111	2MLS4	.0			146.1			
113	M4	.8	1.9	-1.1	128.9	308.1	-179.2	2.7
116	3MN4	.0			145.3			
118	MS4	.6	1.0	-.4	174.4	47.2	127.2	1.5
119	MK4	.2			176.6			
121	2MSN4	.1			246.3			
123	S4	.2			228.2			
129	3MK5	.0			293.4			
134	3MO5	.0			154.6			
140	4MS6	.3			14.6			
142	2MN6	.6	.4	.2	166.9	173.0	-6.1	.3
143	2MNU6	.1			263.0			
145	M6	1.2	.7	.5	201.3	173.0	28.3	.7
151	2MS6	1.5	.8	.7	238.9	216.0	22.9	.8
152	2MK6	.4			243.4			
154	3MSN6	.3			114.4			
165	3MN8	.3			41.3			
167	M8	.3			93.7			
168	2MSN8	.1			92.4			
170	3MS8	.3			145.7			
174	2(MS)8	.1			159.7			
186	4MS10	.6			261.4			

STATION : WICK
OBSERVED : 59 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.1	11.8	-11.7	249.3	246.2	3.1	11.7
17	Q1	.1	4.2	-4.1	58.8	329.7	89.1	4.2
20	O1	8.2	11.5	-3.3	28.4	27.8	.6	3.3
24	M1C	.1			235.7			
33	P1	.3	3.4	-3.1	155.3	161.4	-6.1	3.1
35	K1	10.8	10.6	.2	177.9	175.3	2.6	.5
48	3MS2	.6			271.2			
51	MNS2	.4	.3	.1	99.4	279.6	179.8	.7
54	NLK2	.4			299.7			
56	MU2	1.5	2.0	-.5	147.2	313.6	-166.4	3.5
59	N2	21.3	19.8	1.5	307.2	300.6	6.6	2.8
60	NU2	.4	4.5	-4.1	20.0	304.2	75.8	4.4
65	M2	94.4	101.1	-6.7	329.2	322.2	7.0	13.7
70	LABDA2	.2	1.7	-1.5	250.6	303.8	-53.2	1.6
71	2MN2	.3	1.8	-1.5	16.1	154.4	-138.3	2.0
77	S2	35.9	34.9	1.0	359.8	359.6	.2	1.0
79	K2	11.1	10.0	1.1	4.8	359.3	5.5	1.5
80	MSN2	.4	.5	-.1	116.4	129.3	-12.9	.1
85	2SM2	.5	.7	-.2	132.1	140.3	-8.2	.2
86	SKM2	.3			121.1			
94	2MK3	.6			131.8			
98	MK3	.5	.2	.3	317.7	47.7	-90.0	.5
105	2MNS4	.2			132.8			
108	3MS4	.3			163.3			
110	MN4	.4	1.3	-.9	74.4	272.6	161.8	1.7
111	2MLS4	.1			183.4			
113	M4	.8	3.8	-3.0	108.8	326.6	142.2	4.5
116	3MN4	.1			215.9			
118	MS4	.6	2.2	-1.6	175.5	59.6	115.9	2.5
119	MK4	.2	.7	-.5	179.6	59.5	120.1	.8
121	2MSN4	.1			260.0			
123	S4	.2	.1	.1	237.4	227.6	9.8	.1
129	3MK5	.1			305.9			
134	3MO5	.2			129.4			
140	4MS6	.5			355.6			
142	2MN6	.9			155.7			
143	2MNU6	.2			245.5			
145	M6	1.6	.7	.9	191.6	227.0	-35.4	1.1
151	2MS6	1.8	.7	1.1	231.3	263.2	-31.9	1.3
152	2MK6	.5	.2	.3	238.7	286.3	-47.6	.4
154	3MSN6	.4			116.5			
165	3MN8	.3			33.7			
167	M8	.3			84.6			
168	2MSN8	.1			72.7			
170	3MS8	.3			138.5			
174	2(MS)8	.1			129.4			
186	4MS10	1.2			249.0			

STATION : ABERDEEN
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.1	7.1	-7.0	251.9	230.1	21.8	7.0
17	Q1	.1	4.5	-4.4	70.4	358.9	71.5	4.5
20	O1	9.2	12.8	-3.6	52.2	50.0	2.2	3.6
24	M1C	.1	.2	-.1	263.5	152.3	111.2	.3
33	P1	.4	3.6	-3.2	186.9	187.2	-.3	3.2
35	K1	11.7	11.2	.5	203.3	204.4	-1.1	.6
48	3MS2	.9			329.1			
51	MNS2	.9	.4	.5	167.9	279.5	-111.6	1.1
54	NLK2	1.2			358.3			
56	MU2	4.0	2.1	1.9	205.9	317.4	-111.5	5.2
59	N2	27.3	26.2	1.1	3.5	.4	3.1	1.8
60	NU2	1.0			71.8			
65	M2	125.1	130.4	-5.3	29.3	23.4	5.9	14.3
70	LABDA2	.4	1.6	-1.2	62.8	39.3	23.5	1.2
71	2MN2	1.1	3.6	-2.5	297.5	233.8	63.8	3.3
77	S2	45.3	44.6	.7	61.0	61.0	.0	.7
79	K2	13.9	12.8	1.1	66.4	58.8	7.6	2.1
80	MSN2	.2			260.8			
85	2SM2	.2	.5	-.3	230.8	247.7	-16.9	.3
86	SKM2	.1	.5	-.4	243.3	256.2	-12.9	.4
94	2MK3	.1			72.9			
98	MK3	.2	.9	-.7	114.7	133.3	-18.6	.7
105	2MNS4	.2			234.6			
108	3MS4	.6			260.2			
110	MN4	1.0	.7	.3	144.9	151.0	-6.1	.3
111	2MLS4	.2			271.5			
113	M4	3.0	3.0	.0	173.4	170.5	2.9	.2
116	3MN4	.3			2.6			
118	MS4	2.3	2.8	-.5	249.7	245.4	4.3	.6
119	MK4	.7	.9	-.2	256.9	244.5	12.4	.3
121	2MSN4	.3			73.2			
123	S4	.2	.4	-.2	328.0	357.6	-29.5	.2
129	3MK5	.1			277.0			
134	3MO5	.2			65.9			
140	4MS6	1.0			280.2			
142	2MN6	1.1	.4	.7	115.5	80.7	34.8	.8
143	2MNU6	.4			154.7			
145	M6	2.2	.7	1.5	159.7	108.4	51.3	1.8
151	2MS6	1.5	.6	.9	226.1	173.9	52.2	1.2
152	2MK6	.4	.1	.3	238.1	170.7	67.4	.4
154	3MSN6	.4			97.6			
165	3MN8	.2			26.4			
167	M8	.3			57.5			
168	2MSN8	.1			127.1			
170	3MS8	.2			108.6			
174	2(MS)8	.0			333.3			
186	4MS10	.2			30.3			

STATION : NORTH SHIELDS
OBSERVED : 59 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.1	8.0	-7.9	247.5	220.0	27.5	7.9
17	Q1	.1	3.7	-3.6	121.0	38.5	82.5	3.7
20	O1	10.4	13.7	-3.3	81.1	80.7	.4	3.3
24	M1C	.1			291.6			
33	P1	.4	3.9	-3.5	220.7	220.2	.5	3.5
35	K1	13.0	11.2	1.8	234.5	240.1	-5.6	2.2
48	3MS2	1.0			14.9			
51	MNS2	1.2	.4	.8	216.0	234.9	-18.9	.8
54	NLK2	1.5			43.4			
56	MU2	4.9	.9	4.0	250.3	18.8	-128.5	5.5
59	N2	32.7	31.5	1.2	62.7	65.1	-2.4	1.8
60	NU2	1.1	6.4	-5.3	115.9	70.9	45.0	5.7
65	M2	154.0	158.1	-4.1	89.1	89.0	.1	4.1
70	LABDA2	.7	2.4	-1.7	110.3	103.6	6.7	1.7
71	2MN2	1.5	6.7	-5.2	329.8	305.2	24.6	5.3
77	S2	55.1	53.2	1.9	124.8	130.4	-5.6	5.6
79	K2	17.0	15.6	1.4	130.4	130.9	-.5	1.4
80	MSN2	.6	.9	-.3	330.1	324.8	5.3	.3
85	2SM2	.5	.5	.0	331.0	339.7	-8.7	.1
86	SKM2	.3			324.3			
94	2MK3	.4			25.7			
98	MK3	.7	1.0	-.3	198.6	245.7	-47.1	.7
105	2MNS4	.1			219.2			
108	3MS4	.2			266.0			
110	MN4	1.4	1.6	-.2	56.4	84.1	-27.7	.7
111	2MLS4	.1			341.4			
113	M4	3.2	2.7	.5	82.6	113.6	-31.1	1.7
116	3MN4	.1			52.7			
118	MS4	2.8	2.0	.8	111.5	106.6	4.9	.8
119	MK4	.9	.5	.4	118.8	118.5	.3	.4
121	2MSN4	.1			238.9			
123	S4	.6	.9	-.3	160.9	160.6	.3	.3
129	3MK5	.0			92.8			
134	3MO5	.1			222.5			
140	4MS6	.1			94.0			
142	2MN6	.6	.9	-.3	42.7	8.8	33.9	.5
143	2MNU6	.1			268.8			
145	M6	1.0	1.3	-.3	60.4	45.9	14.5	.4
151	2MS6	1.0	1.2	-.2	124.6	89.2	35.4	.7
152	2MK6	.3	.4	-.1	132.6	104.5	28.1	.2
154	3MSN6	.1			348.2			
165	3MN8	.1			267.6			
167	M8	.2			286.9			
168	2MSN8	.1			299.3			
170	3MS8	.4			335.8			
174	2(MS)8	.2			39.2			
186	4MS10	.2			277.2			

STATION : SCARBOROUGH
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.1	10.4	-10.3	107.2	221.9	-114.7	10.4
17	Q1	.1	4.8	-4.7	131.1	34.6	96.5	4.8
20	O1	11.4	14.7	-3.3	91.5	88.0	3.5	3.4
24	M1C	.2	.9	-.7	307.6	80.6	-133.0	1.0
33	P1	.5	3.9	-3.4	230.6	241.2	-10.6	3.5
35	K1	14.1	12.3	1.8	246.4	254.3	-8.0	2.6
48	3MS2	1.0			34.4			
51	MNS2	1.3	.2	1.1	235.8	61.3	174.5	1.5
54	NLK2	1.5			61.3			
56	MU2	4.8	1.6	3.2	269.1	56.3	-147.2	6.2
59	N2	34.7	33.0	1.7	86.6	86.4	.2	1.7
60	NU2	.9	6.6	-5.7	137.1	84.5	52.5	6.1
65	M2	163.2	170.8	-7.6	112.9	110.7	2.2	9.8
70	LABDA2	.8	2.4	-1.6	129.1	100.2	28.9	1.8
71	2MN2	1.4	5.2	-3.8	340.7	317.8	22.8	3.9
77	S2	58.8	57.5	1.3	150.3	153.1	-2.8	3.1
79	K2	18.2	16.1	2.1	155.7	153.2	2.5	2.2
80	MSN2	.7	1.1	-.4	348.8	352.5	-3.6	.4
85	2SM2	.7	2.0	-1.3	354.2	348.9	5.3	1.3
86	SKM2	.4			347.6			
94	2MK3	.3			26.4			
98	MK3	.5	1.3	-.8	227.4	289.9	-62.6	1.2
105	2MNS4	.1			137.7			
108	3MS4	.3			158.0			
110	MN4	1.7	1.5	.2	61.6	85.2	-23.6	.7
111	2MLS4	.1			108.5			
113	M4	4.1	3.4	.7	84.8	94.1	-9.3	.9
116	3MN4	.1			208.8			
118	MS4	3.6	3.3	.3	131.8	119.7	12.1	.8
119	MK4	1.1	.9	.2	138.5	133.2	5.3	.2
121	2MSN4	.2			286.4			
123	S4	.6	.6	.0	189.9	183.4	6.5	.1
129	3MK5	.2			115.8			
134	3MO5	.4			270.2			
140	4MS6	.6			195.4			
142	2MN6	.8	.2	.6	48.3	271.6	136.7	.9
143	2MNU6	.2			66.6			
145	M6	1.5	.5	1.0	84.6	321.5	123.1	1.8
151	2MS6	1.4	.8	.6	137.8	30.5	107.4	1.8
152	2MK6	.4	.2	.2	154.4	41.7	112.8	.6
154	3MSN6	.3			359.3			
165	3MN8	.3			31.3			
167	M8	.5			66.7			
168	2MSN8	.2			102.8			
170	3MS8	.6			121.0			
174	2(MS)8	.1			170.6			
186	4MS10	.2			223.7			

STATION : CROMER
OBSERVED : 34 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.1			221.6			
17	Q1	.3	6.1	-5.7	213.4	54.1	159.3	6.4
20	O1	12.8	14.6	-1.8	131.6	133.2	-1.6	1.9
24	M1C	.3	.1	.2	346.4	21.3	-35.0	.2
33	P1	.9	3.7	-2.8	288.1	291.5	-3.5	2.8
35	K1	15.4	13.8	1.7	289.0	306.3	-17.3	4.7
48	3MS2	.8			116.4			
51	MNS2	1.6			292.1			
54	NLK2	1.6			116.3			
56	MU2	4.3	3.1	1.2	329.7	307.7	21.9	1.8
59	N2	33.2	30.6	2.6	161.5	165.5	-4.0	3.5
60	NU2	.6	7.0	-6.4	232.9	122.4	110.5	7.2
65	M2	156.1	154.1	2.0	186.4	187.5	-1.1	3.5
70	LABDA2	1.4			176.5			
71	2MN2	1.4	6.6	-5.2	3.0	50.2	-47.2	5.7
77	S2	57.8	52.9	4.9	227.6	233.2	-5.6	7.3
79	K2	17.5	14.9	2.7	233.7	229.8	3.9	2.9
80	MSN2	1.6			41.1			
85	2SM2	1.6	2.4	-.8	51.4	58.6	-7.2	.8
86	SKM2	.8			48.2			
94	2MK3	1.4			253.5			
98	MK3	1.8	2.7	-.9	42.5	83.9	-41.4	1.8
105	2MNS4	.3			46.2			
108	3MS4	.4			71.6			
110	MN4	3.5	3.8	-.2	265.8	246.6	19.2	1.2
111	2MLS4	.1			146.0			
113	M4	8.5	8.6	-.1	288.9	277.9	11.0	1.6
116	3MN4	.1			121.0			
118	MS4	7.1	8.7	-1.6	332.3	310.3	22.0	3.4
119	MK4	2.2			340.2			
121	2MSN4	.4			146.6			
123	S4	1.1			23.4			
129	3MK5	.6			288.7			
134	3MO5	1.2			94.2			
140	4MS6	1.4			115.5			
142	2MN6	2.3	1.2	1.2	320.5	354.5	-34.0	1.5
143	2MNU6	.5			335.4			
145	M6	4.6	2.4	2.2	351.8	35.4	-43.6	3.3
151	2MS6	4.6	2.8	1.7	38.7	63.4	-24.7	2.3
152	2MK6	1.4			46.0			
154	3MSN6	.9			255.7			
165	3MN8	.7			78.5			
167	M8	.8			107.8			
168	2MSN8	.6			132.0			
170	3MS8	1.3			160.3			
174	2(MS)8	.5			200.2			
186	4MS10	1.5			217.4			

STATION : DOVER
OBSERVED : 87 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.3	5.7	-5.4	260.8	232.0	28.8	5.5
17	Q1	.3	2.0	-1.7	268.7	123.3	145.4	2.3
20	O1	5.7	4.8	.9	162.4	174.8	-12.4	1.5
24	M1C	.5			39.2			
33	P1	.7	2.1	-1.3	352.6	8.2	-15.6	1.4
35	K1	5.6	4.9	.7	5.8	42.7	-36.9	3.4
48	3MS2	2.3	1.7	.6	216.4	195.7	20.7	.9
51	MNS2	3.6	2.2	1.4	64.2	27.6	36.6	2.2
54	NLK2	4.5			242.9			
56	MU2	14.0	9.3	4.7	84.6	51.8	32.8	8.0
59	N2	40.2	40.3	-.1	313.8	309.0	4.8	3.4
60	NU2	2.4	9.7	-7.3	291.4	299.6	-8.2	7.3
65	M2	220.9	224.9	-3.9	335.2	331.9	3.3	13.5
70	LABDA2	3.7	6.0	-2.3	328.0	333.3	-5.3	2.4
71	2MN2	7.2	14.5	-7.3	152.2	157.6	-5.4	7.3
77	S2	70.4	71.0	-.6	25.2	23.5	1.7	2.1
79	K2	20.6	21.1	-.5	26.9	23.7	3.2	1.3
80	MSN2	3.9	3.1	.8	206.9	199.0	7.9	.9
85	2SM2	3.7	4.7	-1.0	224.7	224.0	.7	1.0
86	SKM2	1.8	2.7	-1.0	210.7	213.0	-2.3	1.0
94	2MK3	.2			237.4			
98	MK3	1.1	1.4	-.3	11.6	3.2	8.4	.3
105	2MNS4	1.2			329.1			
108	3MS4	2.5	2.7	-.3	349.5	295.0	54.5	2.4
110	MN4	7.2	9.3	-2.0	220.1	196.0	24.1	4.0
111	2MLS4	.5	2.2	-1.7	.1	.9	-.8	1.7
113	M4	19.8	26.4	-6.6	241.6	221.0	20.6	10.5
116	3MN4	1.0	4.1	-3.1	67.2	40.0	27.2	3.2
118	MS4	12.9	17.4	-4.5	292.2	273.3	18.9	6.7
119	MK4	3.6	5.3	-1.8	292.5	274.0	18.5	2.3
121	2MSN4	1.2			109.0			
123	S4	1.4	1.6	-.2	354.9	357.2	-2.3	.2
129	3MK5	1.6	1.2	.3	196.2	188.7	7.5	.4
134	3MO5	1.4	.8	.6	339.5	335.7	3.8	.6
140	4MS6	2.4	.9	1.6	235.7	196.4	39.3	1.8
142	2MN6	4.9	3.6	1.2	106.2	80.2	26.0	2.3
143	2MNU6	.7	1.2	-.5	68.8	54.2	14.6	.6
145	M6	9.5	6.6	2.9	127.6	105.9	21.7	4.2
151	2MS6	9.1	6.5	2.5	174.5	150.2	24.3	4.1
152	2MK6	2.5	2.0	.6	171.6	155.6	16.0	.8
154	3MSN6	1.6	1.5	.1	354.7	344.3	10.4	.3
165	3MN8	1.2	1.3	-.1	37.2	343.6	53.6	1.1
167	M8	1.5	1.7	-.2	58.9	18.8	40.1	1.1
168	2MSN8	1.0	.9	.1	92.6	36.5	56.1	.9
170	3MS8	2.1	2.4	-.4	106.7	60.9	45.8	1.8
174	2(MS)8	.8	.9	-.1	161.3	116.8	44.5	.7
186	4MS10	1.3	.2	1.0	13.9	347.8	26.1	1.1

STATION : CHERBOURG
OBSERVED : 15 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.2			92.1			
17	Q1	.0			36.4			
20	O1	7.6	6.4	1.2	19.3	354.0	25.3	3.3
24	M1C	.3			35.2			
33	P1	.2			118.0			
35	K1	8.0	9.1	-1.1	114.9	106.0	8.9	1.7
48	3MS2	.5			41.1			
51	MNS2	.5			329.5			
54	NLK2	.7			106.8			
56	MU2	2.7	5.7	-3.0	315.6	195.0	120.6	7.4
59	N2	33.5	36.5	-3.0	226.8	217.0	9.8	6.7
60	NU2	.8			130.2			
65	M2	171.9	187.0	-15.1	245.3	230.0	15.3	50.0
70	LABDA2	.9			226.8			
71	2MN2	2.4			25.7			
77	S2	61.1	69.0	-7.9	288.7	273.0	15.7	19.4
79	K2	16.5			284.0			
80	MSN2	1.4	2.7	-1.3	102.8	180.0	-77.2	2.7
85	2SM2	1.5	1.8	-.3	126.9	105.0	21.9	.7
86	SKM2	.6			109.4			
94	2MK3	.4			289.9			
98	MK3	.3			86.1			
105	2MNS4	.5			136.7			
108	3MS4	1.2			158.5			
110	MN4	3.6	4.5	-.9	348.8	334.0	14.8	1.4
111	2MLS4	.3			170.2			
113	M4	9.6	15.6	-6.0	14.5	353.0	21.5	7.5
116	3MN4	.5			238.5			
118	MS4	5.8	7.8	-2.0	61.0	49.0	12.0	2.5
119	MK4	1.6			64.5			
121	2MSN4	.5			294.5			
123	S4	.7			81.0			
129	3MK5	.2			302.3			
134	3MO5	.1			58.7			
140	4MS6	.2			341.0			
142	2MN6	1.2	1.6	-.4	131.8	152.6	-20.8	.7
143	2MNU6	.1			252.1			
145	M6	2.0	2.5	-.5	156.1	101.0	55.1	2.1
151	2MS6	1.9	2.7	-.8	193.8	135.0	58.8	2.4
152	2MK6	.5			187.3			
154	3MSN6	.1			67.0			
165	3MN8	.6			250.6			
167	M8	.8			275.0			
168	2MSN8	.5			299.5			
170	3MS8	1.1			324.0			
174	2(MS)8	.4			11.5			
186	4MS10	.5			111.4			

STATION : DIEPPE
OBSERVED : 84 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.2	9.1	-8.9	253.8	231.5	22.3	9.0
17	Q1	.0	.9	-.9	246.7	334.2	-87.5	.9
20	O1	7.1	4.2	3.0	52.5	25.4	27.1	3.9
24	M1C	.4			46.2			
33	P1	.0	3.5	-3.5	126.2	113.5	12.7	3.5
35	K1	6.8	7.9	-1.1	134.3	120.5	13.9	2.1
48	3MS2	1.8	2.2	-.4	159.1	135.4	23.6	.9
51	MNS2	3.6	3.9	-.2	34.2	8.3	26.0	1.7
54	NLK2	4.4			202.1			
56	MU2	14.2	12.3	1.9	41.7	13.0	28.7	6.8
59	N2	56.5	57.6	-1.1	294.5	290.8	3.7	3.9
60	NU2	2.5	14.7	-12.3	224.6	275.6	-51.0	13.3
65	M2	304.8	310.1	-5.3	312.0	311.7	.3	5.6
70	LABDA2	4.3	9.7	-5.4	302.0	316.1	-14.1	5.6
71	2MN2	8.7	20.2	-11.4	109.7	132.4	-22.7	12.6
77	S2	102.3	103.1	-.8	3.0	2.5	.5	1.2
79	K2	27.8	30.9	-3.1	.4	.0	.4	3.1
80	MSN2	5.1	4.0	1.0	178.6	169.9	8.8	1.3
85	2SM2	5.2	6.9	-1.7	200.0	205.4	-5.3	1.8
86	SKM2	2.3	3.8	-1.6	183.6	185.3	-1.7	1.6
94	2MK3	1.2			289.4			
98	MK3	1.4	1.5	-.1	35.3	36.9	-1.6	.1
105	2MNS4	1.1	1.4	-.3	284.4	231.0	53.4	1.1
108	3MS4	2.4	2.7	-.3	303.8	254.5	49.2	2.1
110	MN4	7.6	9.4	-1.8	164.7	161.5	3.2	1.9
111	2MLS4	.6	2.4	-1.8	310.5	315.8	-5.3	1.8
113	M4	21.0	26.2	-5.2	186.7	186.0	.7	5.2
116	3MN4	1.1	4.3	-3.3	22.6	358.8	23.8	3.4
118	MS4	13.3	18.7	-5.4	237.2	241.2	-4.0	5.5
119	MK4	3.6	4.9	-1.3	238.5	234.8	3.7	1.3
121	2MSN4	1.0			73.8			
123	S4	1.4	1.6	-.3	283.2	325.6	-42.4	1.1
129	3MK5	.4	.4	.0	81.2	111.0	-29.8	.2
134	3MO5	.3	.5	-.2	207.0	232.6	-25.6	.3
140	4MS6	.9	.8	.1	58.9	357.3	61.6	.9
142	2MN6	3.3	1.7	1.6	311.8	286.6	25.2	1.9
143	2MNU6	.3	.6	-.3	231.4	222.8	8.6	.3
145	M6	5.7	3.2	2.5	331.0	305.3	25.6	3.2
151	2MS6	5.9	3.0	2.8	14.1	348.1	26.0	3.4
152	2MK6	1.6	1.0	.6	10.2	342.6	27.5	.8
154	3MSN6	.7	.8	.0	166.4	173.0	-6.6	.1
165	3MN8	2.7	2.5	.2	176.3	158.5	17.8	.8
167	M8	3.8	3.3	.5	201.4	197.5	4.0	.6
168	2MSN8	2.7	1.8	.9	236.2	216.5	19.7	1.1
170	3MS8	5.9	4.5	1.4	254.5	239.3	15.2	1.9
174	2(MS)8	2.2	1.8	.4	310.5	290.7	19.8	.8
186	4MS10	.8			197.1			

STATION : BOULOGNE
OBSERVED : 84 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.3	4.5	-4.2	257.8	265.2	-7.4	4.2
17	Q1	.1	.6	-.4	257.6	55.8	-158.2	.7
20	O1	6.0	2.9	3.1	75.1	70.0	5.1	3.1
24	M1C	.5			47.7			
33	P1	.2	1.2	-1.0	337.8	114.0	-136.2	1.3
35	K1	4.2	4.7	-.5	137.1	126.2	10.9	1.0
48	3MS2	2.0	1.5	.4	182.4	218.1	-35.7	1.2
51	MNS2	3.9	3.1	.8	49.0	36.5	12.5	1.1
54	NLK2	4.7			220.6			
56	MU2	14.9	10.4	4.4	60.1	30.1	30.0	7.8
59	N2	55.2	51.6	3.6	308.2	303.5	4.8	5.7
60	NU2	2.4	10.5	-8.1	249.5	301.0	-51.5	9.2
65	M2	298.7	295.1	3.6	326.7	329.0	-2.3	12.5
70	LABDA2	4.5	7.1	-2.6	316.2	328.3	-12.1	2.9
71	2MN2	8.8	16.5	-7.7	128.4	163.0	-34.6	10.5
77	S2	99.7	96.1	3.6	18.0	21.1	-3.1	6.4
79	K2	27.5	28.8	-1.2	16.5	21.9	-5.4	2.9
80	MSN2	5.1	3.8	1.3	194.2	198.5	-4.3	1.3
85	2SM2	5.1	6.9	-1.7	214.8	217.5	-2.7	1.8
86	SKM2	2.3	3.2	-.9	199.2	219.0	-19.8	1.3
94	2MK3	.8			281.6			
98	MK3	1.6	1.3	.3	29.5	28.0	1.5	.3
105	2MNS4	1.5	1.8	-.3	310.9	262.6	48.3	1.4
108	3MS4	3.2	3.9	-.7	329.5	289.0	40.5	2.6
110	MN4	9.9	11.1	-1.2	200.5	188.4	12.1	2.5
111	2MLS4	.7	2.4	-1.7	335.4	1.0	-25.6	1.8
113	M4	27.3	34.5	-7.3	221.7	218.2	3.5	7.5
116	3MN4	1.4	5.2	-3.8	47.3	41.7	5.6	3.8
118	MS4	17.7	23.8	-6.0	273.7	271.5	2.2	6.1
119	MK4	4.9	7.2	-2.3	273.9	277.7	-3.8	2.4
121	2MSN4	1.6			96.2			
123	S4	1.9	2.5	-.6	332.4	8.7	-36.3	1.5
129	3MK5	.8	1.0	-.1	144.1	167.2	-23.0	.4
134	3MO5	.8	.7	.1	264.8	294.3	-29.5	.4
140	4MS6	1.3	.9	.5	195.7	159.8	35.9	.8
142	2MN6	4.1	3.8	.3	53.4	57.0	-3.6	.4
143	2MNU6	.2	.9	-.8	27.2	39.6	-12.5	.8
145	M6	7.4	6.9	.5	75.1	86.7	-11.7	1.5
151	2MS6	7.5	7.4	.1	121.6	131.4	-9.8	1.3
152	2MK6	1.9	2.3	-.4	121.2	141.4	-20.3	.8
154	3MSN6	.9	1.4	-.4	310.8	334.7	-23.8	.6
165	3MN8	1.0	1.8	-.8	300.8	302.8	-2.0	.8
167	M8	1.4	2.5	-1.2	324.0	346.6	-22.5	1.4
168	2MSN8	.9	1.5	-.5	350.8	3.3	-12.5	.6
170	3MS8	1.9	3.8	-1.9	12.5	26.9	-14.4	2.0
174	2(MS)8	.7	1.6	-.9	60.5	86.9	-26.5	1.0
186	4MS10	1.7			181.3			

STATION : DUINKERKEN
OBSERVED : 40 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.6	6.4	-5.8	264.0	211.5	52.5	6.1
17	Q1	.5	2.8	-2.3	246.7	111.0	135.7	3.2
20	O1	7.9	7.8	.1	160.7	162.7	-2.0	.3
24	M1C	.4			38.6			
33	P1	1.1	2.1	-1.0	331.6	333.7	-2.1	1.0
35	K1	6.3	4.1	2.2	344.2	360.3	-16.1	2.7
48	3MS2	2.9			233.1			
51	MNS2	3.5	2.4	1.1	84.0	82.7	1.3	1.1
54	NLK2	4.7			261.9			
56	MU2	15.7	9.7	6.0	105.7	91.6	14.1	6.7
59	N2	34.4	36.1	-1.7	325.4	329.7	-4.3	3.1
60	NU2	3.2			310.3			
65	M2	200.4	210.5	-10.1	349.4	353.1	-3.7	16.7
70	LABDA2	3.3	5.7	-2.4	351.0	360.7	-9.7	2.6
71	2MN2	8.0	10.5	-2.5	176.8	198.1	-21.3	4.2
77	S2	59.7	62.5	-2.8	38.3	45.3	-7.0	8.0
79	K2	18.3	17.9	.4	39.7	46.9	-7.2	2.3
80	MSN2	3.6			232.5			
85	2SM2	3.2	4.3	-1.1	252.3	263.4	-11.1	1.3
86	SKM2	1.6			233.4			
94	2MK3	1.7	2.3	-.6	80.1	62.9	17.2	.9
98	MK3	1.0	1.1	-.1	233.4	214.3	19.1	.4
105	2MNS4	.8			18.7			
108	3MS4	1.9			43.0			
110	MN4	3.7	4.9	-1.2	264.6	256.5	8.1	1.3
111	2MLS4	.5			57.0			
113	M4	11.0	15.2	-4.2	288.4	278.2	10.2	4.8
116	3MN4	.9	1.7	-.8	127.6	104.5	23.1	1.0
118	MS4	6.2	8.8	-2.6	340.0	335.7	4.3	2.6
119	MK4	1.8	2.9	-1.1	339.5	337.6	1.9	1.1
121	2MSN4	.7			176.3			
123	S4	.4			28.4			
129	3MK5	1.3			244.6			
134	3MO5	1.7			30.0			
140	4MS6	1.5			306.1			
142	2MN6	3.3	1.8	1.5	193.8	196.3	-2.5	1.5
143	2MNU6	.5			117.8			
145	M6	6.4	3.3	3.1	210.7	213.1	-2.4	3.1
151	2MS6	5.9	3.4	2.5	266.1	266.0	.1	2.5
152	2MK6	1.4	1.1	.3	258.5	261.0	-2.5	.3
154	3MSN6	.8			79.6			
165	3MN8	2.3	2.0	.3	135.1	126.3	8.8	.5
167	M8	3.2	2.4	.8	159.5	153.4	6.1	.9
168	2MSN8	2.2	1.6	.6	192.8	180.2	12.6	.8
170	3MS8	4.7	2.9	1.8	211.0	204.4	6.6	1.8
174	2(MS)8	1.8	1.2	.6	266.3	254.2	12.1	.7
186	4MS10	2.0			139.2			

STATION : NIEUWPOORT
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.6	7.3	-6.7	263.9	232.9	31.0	6.8
17	Q1	.5	4.1	-3.6	247.1	107.9	139.2	4.5
20	O1	8.2	9.7	-1.5	160.2	160.9	-.7	1.5
24	M1C	.4			38.6			
33	P1	1.1	3.2	-2.1	330.7	328.1	2.6	2.1
35	K1	6.4	5.6	.8	341.6	354.9	-13.3	1.6
48	3MS2	2.9			236.4			
51	MNS2	3.5	3.2	.3	87.8	100.0	-12.2	.8
54	NLK2	4.7			265.3			
56	MU2	16.0	9.8	6.2	109.5	101.3	8.2	6.4
59	N2	33.9	33.8	.1	329.0	336.7	-7.7	4.6
60	NU2	3.4	8.4	-5.0	313.9	322.8	-8.8	5.1
65	M2	199.4	193.7	5.7	353.2	.3	-7.1	24.9
70	LABDA2	3.2	4.7	-1.5	355.7	10.5	-14.8	1.8
71	2MN2	8.2	14.0	-5.8	181.2	187.5	-6.3	5.9
77	S2	58.9	57.7	1.2	42.3	53.7	-11.4	11.6
79	K2	18.2	16.4	1.8	43.4	55.4	-11.9	4.0
80	MSN2	3.6	3.4	.2	237.7	271.5	-33.8	2.0
85	2SM2	3.2	4.3	-1.1	258.0	269.2	-11.2	1.3
86	SKM2	1.6			238.1			
94	2MK3	1.9			84.0			
98	MK3	1.2	1.4	-.2	231.7	224.8	6.9	.3
105	2MNS4	.8			33.1			
108	3MS4	1.9			55.5			
110	MN4	3.5	5.2	-1.7	280.7	280.4	.3	1.7
111	2MLS4	.5			67.9			
113	M4	10.6	13.0	-2.4	303.9	308.3	-4.4	2.5
116	3MN4	.9			140.1			
118	MS4	6.0	6.4	-.4	358.0	12.0	-14.0	1.6
119	MK4	1.6	1.8	-.2	357.0	.9	-3.9	.2
121	2MSN4	.7			192.7			
123	S4	.3	.5	-.2	54.2	200.5	-146.3	.8
129	3MK5	1.3			255.9			
134	3MO5	1.6			40.3			
140	4MS6	1.3			329.5			
142	2MN6	3.5	3.4	.1	216.6	241.9	-25.2	1.5
143	2MNU6	.4			129.7			
145	M6	6.6	5.2	1.4	233.6	272.8	-39.2	4.2
151	2MS6	6.4	5.3	1.1	290.5	324.0	-33.5	3.5
152	2MK6	1.4	1.3	.1	286.0	316.4	-30.4	.7
154	3MSN6	.8			109.0			
165	3MN8	2.7			147.1			
167	M8	3.8			171.0			
168	2MSN8	2.6			204.6			
170	3MS8	5.5			222.6			
174	2(MS)8	2.2			278.0			
186	4MS10	2.5			163.6			

STATION : OOSTENDE
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.7	6.9	-6.2	265.0	214.5	50.5	6.5
17	Q1	.6	3.2	-2.6	251.6	118.5	133.1	3.6
20	O1	9.5	9.5	.0	167.3	167.5	-.2	.0
24	M1C	.4			39.6			
33	P1	1.3	2.3	-1.1	335.6	326.3	9.3	1.1
35	K1	8.1	5.5	2.6	339.9	349.2	-9.3	2.8
48	3MS2	3.0			251.3			
51	MNS2	3.2	2.5	.7	103.7	98.9	4.7	.7
54	NLK2	4.5			281.0			
56	MU2	15.5	9.9	5.5	126.2	113.6	12.6	6.2
59	N2	26.4	30.5	-4.1	340.2	341.2	-1.0	4.2
60	NU2	3.6	9.1	-5.5	330.6	335.6	-5.0	5.5
65	M2	163.3	179.6	-16.3	6.9	5.3	1.7	17.0
70	LABDA2	2.8	5.3	-2.5	15.2	16.4	-1.2	2.5
71	2MN2	7.9	10.2	-2.4	201.1	210.6	-9.5	2.8
77	S2	44.9	52.4	-7.5	55.6	57.7	-2.0	7.7
79	K2	14.5	15.2	-.7	56.3	56.9	-.6	.7
80	MSN2	3.1	2.9	.2	260.1	263.7	-3.5	.3
85	2SM2	2.7	3.5	-.8	283.2	285.2	-2.0	.8
86	SKM2	1.4			258.3			
94	2MK3	2.4			103.7			
98	MK3	1.8	2.2	-.4	243.9	228.6	15.3	.7
105	2MNS4	.7			106.9			
108	3MS4	1.8			124.0			
110	MN4	3.4	3.4	.0	12.1	311.9	60.2	3.4
111	2MLS4	.5			125.8			
113	M4	10.0	10.5	-.5	29.2	335.3	53.8	9.3
116	3MN4	.9			201.6			
118	MS4	6.6	6.4	.2	90.8	37.3	53.4	5.8
119	MK4	1.8	1.9	-.1	95.6	38.6	57.0	1.7
121	2MSN4	.9			263.8			
123	S4	.7	.4	.3	188.8	163.1	25.8	.4
129	3MK5	.5			331.7			
134	3MO5	.8			81.0			
140	4MS6	2.6			96.6			
142	2MN6	5.7	3.7	2.0	312.5	275.2	37.4	3.6
143	2MNU6	.6			299.8			
145	M6	10.7	6.8	3.9	335.7	298.7	37.0	6.7
151	2MS6	11.3	7.0	4.4	26.4	345.4	41.0	7.6
152	2MK6	3.0	1.8	1.2	30.7	347.0	43.7	2.1
154	3MSN6	2.0			228.0			
165	3MN8	1.3			242.3			
167	M8	1.8			266.0			
168	2MSN8	1.2			294.2			
170	3MS8	2.7			313.3			
174	2(MS)8	1.0			7.1			
186	4MS10	1.3			291.2			

STATION : ZEEBRUGGE
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.7	7.3	-6.6	264.1	200.0	64.1	7.1
17	Q1	.6	3.3	-2.8	252.7	114.4	138.3	3.8
20	O1	9.6	10.3	-.7	168.5	170.8	-2.3	.8
24	M1C	.4			39.8			
33	P1	1.3	3.2	-1.9	336.3	328.2	8.1	1.9
35	K1	8.2	6.3	1.9	340.5	349.8	-9.3	2.2
48	3MS2	3.1			255.1			
51	MNS2	3.3	2.4	.8	107.9	113.8	-5.9	.9
54	NLK2	4.6			285.4			
56	MU2	16.0	10.0	6.0	130.5	130.6	.0	6.0
59	N2	26.1	27.9	-1.8	344.9	350.1	-5.2	3.0
60	NU2	3.7	8.5	-4.8	334.8	341.9	-7.1	4.9
65	M2	163.4	164.6	-1.2	11.8	14.7	-3.0	8.6
70	LABDA2	2.8	5.4	-2.6	20.8	26.5	-5.7	2.7
71	2MN2	8.1	9.4	-1.3	206.0	221.3	-15.3	2.7
77	S2	44.4	47.0	-2.7	61.0	67.9	-6.9	6.1
79	K2	14.4	14.2	.2	61.3	67.7	-6.4	1.6
80	MSN2	3.1	3.0	.2	266.3	272.0	-5.7	.4
85	2SM2	2.8	3.3	-.5	289.7	296.0	-6.3	.6
86	SKM2	1.4			264.2			
94	2MK3	2.5			109.0			
98	MK3	1.9	2.5	-.6	248.7	247.6	1.0	.6
105	2MNS4	.9			118.0			
108	3MS4	2.1			135.1			
110	MN4	4.1	3.4	.7	22.9	.2	22.7	1.6
111	2MLS4	.5			137.4			
113	M4	11.7	9.7	2.0	39.9	23.1	16.8	3.7
116	3MN4	1.0			213.2			
118	MS4	7.8	7.0	.8	100.9	78.9	21.9	2.9
119	MK4	2.1	2.1	-.1	105.8	81.1	24.7	.9
121	2MSN4	1.1			272.6			
123	S4	.9	.6	.2	196.5	166.0	30.4	.5
129	3MK5	.6			.0			
134	3MO5	.8			100.3			
140	4MS6	3.7			113.0			
142	2MN6	7.7	4.8	2.9	330.0	306.6	23.4	3.8
143	2MNU6	.9			314.3			
145	M6	14.6	8.8	5.8	353.6	335.6	18.0	6.8
151	2MS6	15.4	9.1	6.2	43.8	21.3	22.5	7.8
152	2MK6	4.2	2.4	1.8	47.4	18.3	29.1	2.4
154	3MSN6	2.8			244.1			
165	3MN8	2.1			274.3			
167	M8	2.9			299.2			
168	2MSN8	1.9			325.6			
170	3MS8	4.3			344.2			
174	2(MS)8	1.6			37.7			
186	4MS10	1.5			12.1			

STATION : VLISSINGEN
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.7	7.9	-7.2	266.0	214.9	51.1	7.5
17	Q1	.6	3.7	-3.2	254.3	131.7	122.7	4.1
20	O1	9.8	10.0	-.2	170.5	176.6	-6.0	1.1
24	M1C	.3	1.3	-1.0	42.6	103.3	-60.8	1.2
33	P1	1.3	3.5	-2.2	338.8	333.4	5.4	2.2
35	K1	8.5	6.7	1.7	340.7	357.7	-17.0	2.8
48	3MS2	3.0	3.4	-.5	263.2	262.6	.6	.5
51	MNS2	3.0	3.1	.0	116.7	118.3	-1.6	.1
54	NLK2	4.4	3.9	.5	293.9	329.6	-35.6	2.6
56	MU2	15.2	12.8	2.4	139.2	139.3	-.1	2.4
59	N2	22.9	28.9	-5.9	352.2	6.2	-14.0	8.6
60	NU2	3.6	9.5	-5.9	343.0	359.3	-16.3	6.1
65	M2	147.4	174.2	-26.8	19.9	30.5	-10.6	40.0
70	LABDA2	2.6	5.6	-3.0	31.3	41.6	-10.3	3.1
71	2MN2	7.8	13.2	-5.4	215.9	227.3	-11.4	5.8
77	S2	38.7	48.2	-9.5	69.5	86.5	-17.0	15.9
79	K2	12.8	14.1	-1.4	69.3	86.6	-17.3	4.3
80	MSN2	2.9	2.8	.1	277.8	289.7	-11.9	.6
85	2SM2	2.6	4.2	-1.6	302.2	313.8	-11.6	1.7
86	SKM2	1.3	2.1	-.8	275.5	314.6	-39.1	1.4
94	2MK3	2.4	3.0	-.7	119.1	115.8	3.3	.7
98	MK3	1.9	2.4	-.6	255.2	274.7	-19.5	.9
105	2MNS4	1.0	.8	.1	141.6	134.2	7.4	.2
108	3MS4	2.2	1.9	.4	160.3	144.3	16.0	.7
110	MN4	4.9	4.1	.8	40.7	33.8	6.9	1.0
111	2MLS4	.5	1.3	-.8	166.0	197.2	-31.1	.9
113	M4	13.9	12.7	1.1	59.8	59.7	.1	1.1
116	3MN4	1.0	1.6	-.5	237.0	251.2	-14.3	.6
118	MS4	9.2	8.6	.6	117.3	119.4	-2.0	.7
119	MK4	2.6	2.4	.1	122.9	118.5	4.4	.2
121	2MSN4	1.2	1.3	-.1	290.9	318.1	-27.2	.6
123	S4	1.0	.5	.5	202.1	224.9	-22.8	.5
129	3MK5	.8	.6	.1	54.2	12.9	41.4	.5
134	3MO5	.4	.9	-.5	174.3	157.1	17.3	.6
140	4MS6	4.0	1.3	2.8	131.0	101.7	29.2	3.0
142	2MN6	7.5	4.5	3.1	348.8	356.2	-7.4	3.1
143	2MNU6	1.1	1.4	-.3	330.1	337.2	-7.1	.3
145	M6	14.5	8.5	6.0	12.8	21.3	-8.5	6.2
151	2MS6	14.7	8.7	5.9	62.3	71.2	-8.9	6.2
152	2MK6	4.1	2.4	1.7	63.8	72.5	-8.7	1.7
154	3MSN6	2.9	1.9	1.0	261.1	267.6	-6.5	1.0
165	3MN8	2.3	2.4	-.1	334.2	327.0	7.1	.3
167	M8	3.3	3.3	.0	359.6	357.1	2.5	.1
168	2MSN8	2.0	1.8	.2	35.0	24.0	11.0	.4
170	3MS8	4.6	4.6	.0	49.8	45.3	4.5	.4
174	2(MS)8	1.7	1.7	-.1	107.3	102.3	5.0	.2
186	4MS10	3.9	1.6	2.2	82.6	74.4	8.2	2.3

STATION : COEREE
OBSERVED : 110 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.7	9.2	-8.6	265.6	227.0	38.6	8.7
17	Q1	.5	2.9	-2.4	260.8	122.1	138.7	3.4
20	O1	10.0	9.6	.3	173.4	169.4	4.0	.8
24	M1C	.3	2.1	-1.8	46.0	106.1	-60.1	2.0
33	P1	1.2	3.8	-2.7	345.0	320.9	24.1	2.8
35	K1	8.9	7.1	1.8	338.3	342.1	-3.8	1.9
48	3MS2	2.3	1.9	.4	285.0	280.6	4.3	.4
51	MNS2	2.2	1.4	.7	142.3	129.7	12.5	.8
54	NLK2	3.3	2.7	.7	318.0	325.5	-7.5	.8
56	MU2	11.8	7.7	4.1	163.1	166.0	-3.0	4.1
59	N2	10.9	13.0	-2.2	15.2	12.1	3.0	2.3
60	NU2	3.0	5.1	-2.1	5.8	10.4	-4.7	2.1
65	M2	84.5	82.7	1.9	45.2	39.5	5.7	8.5
70	LABDA2	1.9	2.2	-.3	64.2	72.1	-8.0	.4
71	2MN2	6.2	7.0	-.8	243.4	246.3	-2.8	.9
77	S2	18.0	20.8	-2.8	100.8	96.3	4.5	3.2
79	K2	6.2	6.3	.0	95.1	97.1	-2.0	.2
80	MSN2	2.2	1.6	.6	312.6	309.1	3.5	.6
85	2SM2	2.1	2.6	-.5	340.1	333.5	6.5	.6
86	SKM2	1.0	1.4	-.4	311.5	338.9	-27.4	.7
94	2MK3	1.4	1.4	.0	151.0	115.0	36.0	.8
98	MK3	1.0	1.2	-.2	265.7	247.4	18.4	.4
105	2MNS4	1.1	.8	.3	192.9	141.2	51.6	.9
108	3MS4	2.7	1.8	.9	216.5	164.6	51.9	2.1
110	MN4	5.6	5.1	.4	77.5	55.8	21.7	2.1
111	2MLS4	.7	1.5	-.8	232.3	215.7	16.6	.9
113	M4	15.9	15.2	.7	101.9	81.7	20.2	5.5
116	3MN4	1.2	2.1	-1.0	301.6	271.2	30.3	1.3
118	MS4	9.8	10.1	-.3	153.4	137.2	16.2	2.8
119	MK4	2.9	3.1	-.2	157.6	141.0	16.6	.9
121	2MSN4	1.1	1.0	.1	344.6	332.5	12.1	.2
123	S4	.9	.8	.1	211.7	236.9	-25.1	.4
129	3MK5	1.3	1.1	.2	121.6	118.0	3.5	.2
134	3MO5	1.5	.9	.7	280.4	288.8	-8.3	.7
140	4MS6	2.2	1.2	1.0	167.8	142.8	25.0	1.2
142	2MN6	2.1	2.8	-.7	26.6	352.4	34.2	1.6
143	2MNU6	.8	1.3	-.5	8.0	335.1	32.9	.8
145	M6	4.9	5.4	-.6	54.9	21.1	33.9	3.0
151	2MS6	3.4	5.1	-1.8	106.2	75.7	30.5	2.8
152	2MK6	1.1	1.4	-.3	92.9	82.9	10.0	.3
154	3MSN6	1.1	1.2	-.1	298.9	287.0	11.9	.3
165	3MN8	1.6	1.2	.4	91.9	36.2	55.7	1.3
167	M8	2.1	1.7	.4	114.9	65.4	49.5	1.6
168	2MSN8	1.6	1.0	.6	149.4	90.3	59.1	1.4
170	3MS8	3.3	2.6	.7	167.4	115.9	51.5	2.6
174	2(MS)8	1.3	.9	.3	226.5	182.0	44.5	.9
186	4MS10	1.2	.9	.3	117.2	80.9	36.3	.7

STATION : HOEK VAN HOLLAND
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.6	9.0	-8.3	266.7	218.4	48.3	8.5
17	Q1	.5	3.8	-3.3	261.4	129.4	132.0	4.2
20	O1	10.0	10.3	-.2	173.9	173.5	.4	.2
24	M1C	.3	1.2	-.9	47.0	112.1	-65.2	1.1
33	P1	1.2	3.4	-2.3	346.5	329.9	16.5	2.3
35	K1	8.9	7.4	1.5	338.5	344.9	-6.4	1.7
48	3MS2	2.4	2.1	.3	291.8	291.5	.4	.3
51	MNS2	2.3	1.8	.4	149.4	158.9	-9.5	.5
54	NLK2	3.5	2.3	1.2	325.1	2.2	-37.1	2.2
56	MU2	12.5	8.3	4.2	169.7	177.3	-7.6	4.4
59	N2	10.7	11.8	-1.0	26.3	30.0	-3.7	1.3
60	NU2	3.2	4.7	-1.5	12.2	25.5	-13.3	1.8
65	M2	86.4	78.0	8.5	54.2	56.4	-2.2	9.0
70	LABDA2	2.0	2.9	-.9	71.5	76.6	-5.1	.9
71	2MN2	6.6	7.3	-.7	250.2	259.2	-9.0	1.3
77	S2	18.4	19.1	-.8	113.0	115.3	-2.2	1.1
79	K2	6.2	5.7	.5	106.3	118.1	-11.8	1.3
80	MSN2	2.4	1.8	.6	319.9	322.5	-2.5	.6
85	2SM2	2.3	2.4	-.1	346.7	350.9	-4.2	.2
86	SKM2	1.1	1.2	-.2	319.9	351.4	-31.5	.6
94	2MK3	1.4	.8	.6	163.1	147.0	16.2	.7
98	MK3	.9	.8	.0	273.2	247.7	25.5	.4
105	2MNS4	1.3	.9	.4	200.9	173.3	27.6	.7
108	3MS4	3.2	1.9	1.3	224.2	185.7	38.5	2.1
110	MN4	6.3	5.7	.6	85.3	76.3	9.0	1.1
111	2MLS4	.9	1.8	-.9	239.2	245.2	-6.1	1.0
113	M4	18.4	16.6	1.8	110.0	102.8	7.2	2.8
116	3MN4	1.4	1.6	-.2	309.6	293.2	16.4	.5
118	MS4	11.1	10.5	.6	161.9	158.2	3.7	.9
119	MK4	3.3	3.0	.3	165.6	156.3	9.3	.6
121	2MSN4	1.3	1.1	.1	355.6	351.1	4.5	.2
123	S4	.9	1.0	.0	218.2	240.1	-21.9	.4
129	3MK5	1.6	1.6	.0	130.6	134.5	-4.0	.1
134	3MO5	2.0	1.6	.5	287.4	302.0	-14.6	.6
140	4MS6	2.3	1.5	.9	181.0	165.1	15.9	1.0
142	2MN6	1.7	2.2	-.5	50.5	6.5	44.0	1.6
143	2MNU6	1.0	1.2	-.2	20.8	6.7	14.0	.3
145	M6	4.4	4.4	.0	77.2	39.9	37.3	2.8
151	2MS6	2.7	3.9	-1.1	140.6	97.7	42.9	2.6
152	2MK6	.9	1.1	-.2	114.0	97.6	16.3	.4
154	3MSN6	1.1	1.1	-.1	317.3	309.4	7.9	.2
165	3MN8	2.2	1.6	.6	119.1	81.5	37.5	1.3
167	M8	2.9	2.3	.6	144.1	109.7	34.4	1.6
168	2MSN8	2.1	1.4	.7	175.1	141.7	33.5	1.2
170	3MS8	4.4	3.4	1.0	194.7	158.9	35.8	2.6
174	2(MS)8	1.7	1.3	.4	251.6	221.5	30.1	.9
186	4MS10	1.3	1.4	.0	157.5	139.8	17.7	.4

STATION : SCHEVENINGEN
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.6	9.8	-9.2	265.8	216.7	49.2	9.4
17	Q1	.5	4.1	-3.6	265.5	128.9	136.6	4.5
20	O1	10.0	11.0	-1.0	175.6	173.3	2.2	1.1
24	M1C	.3	1.3	-1.0	48.0	111.7	-63.8	1.2
33	P1	1.1	3.6	-2.5	350.1	328.8	21.3	2.6
35	K1	9.0	7.9	1.0	338.6	343.5	-4.9	1.2
48	3MS2	2.3	2.1	.2	304.2	301.5	2.7	.3
51	MNS2	2.1	1.9	.2	163.8	167.2	-3.3	.2
54	NLK2	3.3	2.3	1.0	338.9	11.7	-32.8	1.9
56	MU2	12.0	8.5	3.5	182.4	186.0	-3.5	3.5
59	N2	8.4	11.1	-2.7	52.1	43.4	8.7	3.0
60	NU2	3.1	4.7	-1.6	24.2	37.6	-13.4	1.8
65	M2	75.4	75.1	.3	73.6	69.0	4.6	6.1
70	LABDA2	2.0	3.1	-1.1	86.6	84.9	1.7	1.1
71	2MN2	6.5	7.3	-.8	263.5	269.4	-5.9	1.0
77	S2	16.0	18.4	-2.4	141.7	130.7	11.0	4.1
79	K2	5.1	5.6	-.5	132.3	133.0	-.7	.5
80	MSN2	2.4	1.8	.6	335.4	330.7	4.7	.6
85	2SM2	2.3	2.5	-.2	1.1	359.7	1.4	.2
86	SKM2	1.1	1.3	-.3	335.4	.7	-25.3	.6
94	2MK3	1.2	.9	.3	190.3	158.2	32.1	.6
98	MK3	.5	.9	-.4	287.1	258.9	28.2	.5
105	2MNS4	1.5	1.2	.4	217.5	180.7	36.8	.9
108	3MS4	3.7	2.5	1.2	240.3	194.6	45.7	2.7
110	MN4	6.8	7.0	-.2	101.0	79.5	21.5	2.6
111	2MLS4	1.1	2.4	-1.3	254.0	250.9	3.1	1.3
113	M4	20.2	20.4	-.2	126.1	107.0	19.1	6.7
116	3MN4	1.7	2.1	-.4	327.1	297.4	29.7	1.0
118	MS4	11.8	12.6	-.8	178.5	163.3	15.2	3.3
119	MK4	3.6	3.7	-.1	181.5	161.5	19.9	1.3
121	2MSN4	1.5	1.4	.1	15.9	358.0	17.8	.4
123	S4	.8	1.0	-.2	231.7	246.3	-14.6	.3
129	3MK5	1.8	2.0	-.2	148.8	140.9	8.0	.3
134	3MO5	2.4	2.1	.3	300.9	306.7	-5.8	.4
140	4MS6	1.7	1.4	.3	214.7	186.2	28.5	.8
142	2MN6	1.5	.9	.6	149.7	44.1	105.6	1.9
143	2MNU6	.9	.9	.0	46.9	32.4	14.4	.2
145	M6	3.4	2.2	1.2	150.6	81.6	68.9	3.3
151	2MS6	3.7	2.2	1.5	232.6	154.4	78.2	3.9
152	2MK6	.6	.7	-.1	223.3	146.6	76.7	.8
154	3MSN6	.7	.9	-.1	13.3	348.8	24.5	.4
165	3MN8	2.5	1.8	.8	164.5	115.5	48.9	1.9
167	M8	3.4	2.5	1.0	192.2	145.3	46.9	2.5
168	2MSN8	2.2	1.5	.7	223.9	171.9	52.0	1.7
170	3MS8	4.9	3.6	1.3	244.0	191.6	52.4	3.9
174	2(MS)8	1.7	1.4	.3	297.1	249.7	47.4	1.3
186	4MS10	1.6	1.0	.6	249.3	209.6	39.6	1.0

STATION : IJMUIDEN
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.5	10.7	-10.2	266.9	219.5	47.5	10.3
17	Q1	.5	3.9	-3.5	272.4	129.6	142.8	4.3
20	O1	9.7	11.0	-1.3	177.8	174.8	3.0	1.4
24	M1C	.3	1.4	-1.2	57.0	115.3	-58.3	1.3
33	P1	1.0	3.6	-2.6	356.0	329.9	26.0	2.7
35	K1	8.8	7.9	.9	338.4	342.3	-3.9	1.1
48	3MS2	2.1	2.2	-.1	327.0	318.1	8.9	.3
51	MNS2	1.9	1.9	.0	190.9	185.1	5.8	.2
54	NLK2	3.0	2.5	.5	3.2	30.9	-27.8	1.4
56	MU2	10.8	8.8	2.0	205.3	204.5	.8	2.0
59	N2	8.2	9.6	-1.4	106.8	79.8	27.0	4.4
60	NU2	2.8	4.3	-1.5	45.3	63.3	-17.9	1.8
65	M2	67.2	67.5	-.3	111.6	100.3	11.2	13.2
70	LABDA2	2.0	3.1	-1.1	111.1	109.3	1.8	1.1
71	2MN2	6.2	7.1	-.9	286.3	294.5	-8.2	1.3
77	S2	18.0	17.4	.6	187.8	167.6	20.2	6.2
79	K2	5.1	5.4	-.3	182.9	168.2	14.7	1.4
80	MSN2	2.4	1.9	.6	359.8	354.3	5.5	.6
85	2SM2	2.3	2.8	-.4	23.8	20.5	3.3	.5
86	SKM2	1.1	1.5	-.4	358.8	21.5	-22.8	.6
94	2MK3	1.3	.9	.3	241.5	214.5	27.0	.6
98	MK3	.3	.3	.1	71.3	240.7	-169.4	.6
105	2MNS4	1.5	1.2	.3	241.0	199.5	41.5	1.0
108	3MS4	3.7	2.8	.9	263.3	217.2	46.0	2.6
110	MN4	5.9	6.5	-.7	124.8	96.8	27.9	3.1
111	2MLS4	1.1	2.4	-1.3	275.1	263.7	11.4	1.3
113	M4	18.1	19.7	-1.6	149.5	125.4	24.1	8.1
116	3MN4	1.8	2.2	-.5	349.2	318.2	31.0	1.2
118	MS4	10.0	11.7	-1.6	204.1	184.2	20.0	4.1
119	MK4	3.0	3.5	-.5	205.6	183.7	21.9	1.3
121	2MSN4	1.5	1.3	.2	44.2	19.1	25.1	.6
123	S4	.4	.7	-.3	253.7	270.1	-16.3	.4
129	3MK5	1.4	2.1	-.6	178.4	158.2	20.2	.9
134	3MO5	2.1	2.3	-.3	318.2	321.3	-3.2	.3
140	4MS6	1.6	1.1	.5	317.9	239.0	78.9	1.8
142	2MN6	4.2	2.3	1.8	205.5	184.9	20.6	2.1
143	2MNU6	.6	.6	.0	121.6	127.4	-5.7	.1
145	M6	7.6	4.4	3.2	222.6	204.4	18.2	3.7
151	2MS6	8.0	5.0	3.0	277.8	254.1	23.8	4.0
152	2MK6	2.0	1.4	.6	279.1	249.4	29.7	1.0
154	3MSN6	1.3	1.1	.2	101.7	77.8	23.9	.5
165	3MN8	2.1	2.0	.1	241.9	182.3	59.7	2.0
167	M8	3.1	2.8	.3	266.9	215.1	51.8	2.6
168	2MSN8	2.1	1.4	.6	315.6	241.9	73.7	2.2
170	3MS8	4.6	3.7	.8	327.8	263.8	64.1	4.5
174	2(MS)8	1.5	1.2	.2	41.4	323.3	78.1	1.7
186	4MS10	1.9	1.6	.3	18.1	306.2	71.9	2.1

STATION : DEN HELDER
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.5	11.6	-11.1	265.6	225.0	40.6	11.2
17	Q1	.3	3.6	-3.3	278.3	140.1	138.1	3.9
20	O1	9.1	9.9	-.8	178.6	187.2	-8.6	1.6
24	M1C	.2	1.2	-1.0	57.6	136.2	-78.6	1.1
33	P1	.8	3.3	-2.5	359.2	343.0	16.3	2.6
35	K1	8.6	7.1	1.5	336.3	351.2	-14.9	2.5
48	3MS2	1.5	1.8	-.3	2.1	11.0	-9.0	.4
51	MNS2	1.5	1.8	-.3	230.2	231.4	-1.1	.3
54	NLK2	2.4	2.1	.3	40.1	83.3	-43.2	1.7
56	MU2	8.2	7.9	.3	239.6	251.8	-12.1	1.7
59	N2	11.4	9.9	1.5	150.6	144.7	5.9	1.9
60	NU2	2.1	3.9	-1.8	76.7	121.5	-44.8	2.9
65	M2	69.7	65.1	4.7	156.8	162.4	-5.6	8.0
70	LABDA2	1.7	2.7	-1.0	143.0	162.4	-19.3	1.2
71	2MN2	5.0	6.3	-1.4	317.8	348.7	-30.9	3.3
77	S2	22.8	18.2	4.6	223.3	228.1	-4.7	4.9
79	K2	6.6	5.5	1.1	225.2	227.4	-2.1	1.1
80	MSN2	2.1	1.5	.6	29.6	47.0	-17.4	.8
85	2SM2	1.9	2.2	-.3	52.3	70.5	-18.2	.7
86	SKM2	.9	1.2	-.3	28.5	70.1	-41.6	.8
94	2MK3	1.6	.8	.8	285.3	290.2	-5.0	.8
98	MK3	1.0	.4	.6	104.3	173.5	-69.1	1.0
105	2MNS4	.8	.7	.2	272.7	234.4	38.2	.5
108	3MS4	2.0	1.6	.5	293.5	249.1	44.4	1.4
110	MN4	3.1	3.6	-.5	155.9	135.5	20.4	1.3
111	2MLS4	.6	1.3	-.7	301.3	303.4	-2.1	.7
113	M4	9.8	10.6	-.8	180.0	163.7	16.2	3.0
116	3MN4	1.1	1.1	-.1	16.2	350.7	25.5	.5
118	MS4	5.4	6.2	-.9	237.7	225.9	11.8	1.5
119	MK4	1.6	1.8	-.2	238.4	223.4	15.0	.5
121	2MSN4	.9	.7	.2	75.4	56.9	18.4	.4
123	S4	.1	.4	-.3	339.3	318.0	21.3	.3
129	3MK5	.6	1.0	-.4	237.0	215.7	21.3	.5
134	3MO5	.6	1.2	-.6	345.5	11.1	-25.5	.7
140	4MS6	2.5	1.0	1.5	11.9	347.7	24.2	1.7
142	2MN6	3.9	3.0	.8	229.2	233.3	-4.1	.9
143	2MNU6	.7	1.0	-.3	206.3	216.4	-10.1	.3
145	M6	7.5	5.9	1.7	254.1	260.5	-6.4	1.8
151	2MS6	6.4	5.8	.7	306.7	312.8	-6.1	.9
152	2MK6	1.8	1.6	.2	305.2	309.7	-4.5	.3
154	3MSN6	1.4	1.3	.1	145.8	155.0	-9.2	.2
165	3MN8	.8	1.6	-.8	306.2	263.6	42.6	1.1
167	M8	1.2	2.3	-1.1	331.5	295.2	36.3	1.5
168	2MSN8	.8	1.2	-.4	5.9	331.5	34.4	.7
170	3MS8	1.7	3.2	-1.5	23.4	349.5	33.9	2.0
174	2(MS)8	.7	1.2	-.5	88.4	56.3	32.1	.7
186	4MS10	.5	1.4	-.9	91.1	61.2	29.8	1.0

STATION : HARLINGEN
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.7	12.0	-11.3	263.7	223.4	40.4	11.4
17	Q1	.4	3.5	-3.1	314.2	169.3	144.8	3.8
20	O1	8.5	9.7	-1.2	201.1	219.3	-18.2	3.1
24	M1C	.3	1.1	-.9	87.5	166.5	-79.0	1.1
33	P1	.8	3.0	-2.2	33.1	16.7	16.4	2.2
35	K1	7.9	7.3	.6	357.8	20.6	-22.8	3.1
48	3MS2	2.7	2.7	-.1	59.2	87.5	-28.3	1.3
51	MNS2	2.5	2.7	-.2	304.5	317.8	-13.3	.6
54	NLK2	3.8	3.0	.8	108.3	169.9	-61.7	3.5
56	MU2	12.2	10.9	1.3	305.6	334.7	-29.1	5.9
59	N2	15.6	12.4	3.2	212.3	232.2	-19.9	5.8
60	NU2	3.3	5.4	-2.1	138.6	207.0	-68.3	5.2
65	M2	92.6	83.0	9.6	222.0	249.6	-27.7	43.0
70	LABDA2	2.2	3.8	-1.6	222.7	257.1	-34.4	2.3
71	2MN2	6.7	8.4	-1.6	27.2	76.0	-48.8	6.4
77	S2	27.6	21.2	6.5	290.6	320.1	-29.5	13.9
79	K2	8.6	6.5	2.0	291.0	322.8	-31.8	4.6
80	MSN2	2.6	1.4	1.2	108.8	137.4	-28.6	1.5
85	2SM2	2.5	2.5	.0	131.0	176.9	-45.9	1.9
86	SKM2	1.0	1.3	-.3	106.2	171.5	-65.3	1.3
94	2MK3	2.3	2.5	-.2	14.8	32.9	-18.1	.8
98	MK3	1.9	1.4	.5	177.3	204.4	-27.1	.9
105	2MNS4	1.3	1.3	.0	85.4	109.7	-24.3	.5
108	3MS4	3.4	3.0	.4	99.7	123.3	-23.6	1.4
110	MN4	3.1	3.1	.1	355.1	20.8	-25.7	1.4
111	2MLS4	1.2	1.8	-.6	101.9	169.7	-67.8	1.8
113	M4	10.5	10.7	-.2	6.8	42.1	-35.3	6.4
116	3MN4	1.6	2.1	-.5	184.0	230.2	-46.2	1.5
118	MS4	6.1	6.2	-.1	80.8	114.8	-34.0	3.6
119	MK4	1.8	1.9	-.1	79.5	114.7	-35.1	1.1
121	2MSN4	1.4	1.2	.2	253.6	308.2	-54.6	1.2
123	S4	.8	.6	.1	217.7	269.2	-51.6	.6
129	3MK5	.2	.2	.0	305.9	71.5	-125.6	.4
134	3MO5	.6	.6	.0	94.4	194.9	-100.6	.9
140	4MS6	2.1	1.1	1.0	166.7	230.9	-64.2	1.9
142	2MN6	2.6	1.9	.7	22.6	110.3	-87.7	3.2
143	2MNU6	.8	1.0	-.2	14.1	93.9	-79.8	1.1
145	M6	5.2	3.9	1.3	52.9	140.5	-87.6	6.3
151	2MS6	4.3	3.4	.9	107.3	200.5	-93.1	5.6
152	2MK6	1.3	1.0	.3	110.3	202.8	-92.6	1.7
154	3MSN6	1.0	.9	.2	309.5	41.0	-91.5	1.4
165	3MN8	.7	.7	.0	201.4	264.7	-63.2	.7
167	M8	1.0	1.0	.0	226.1	295.0	-68.9	1.1
168	2MSN8	.7	.5	.2	259.9	333.6	-73.7	.8
170	3MS8	1.4	1.5	-.1	274.0	343.1	-69.1	1.6
174	2(MS)8	.5	.5	.0	337.1	52.2	-75.2	.7
186	4MS10	.9	.5	.4	300.2	79.4	-139.1	1.3

STATION : DELFZIJL
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.3	10.5	-10.2	262.4	214.1	48.4	10.3
17	Q1	.3	3.5	-3.2	352.7	176.3	176.4	3.7
20	O1	7.8	9.2	-1.4	227.4	230.0	-2.5	1.5
24	M1C	.2	1.1	-.9	130.4	188.4	-58.0	1.0
33	P1	.6	3.3	-2.7	79.4	26.6	52.8	2.9
35	K1	7.3	7.3	.0	22.9	26.4	-3.5	.4
48	3MS2	4.2	3.8	.3	158.7	144.0	14.7	1.1
51	MNS2	3.4	3.3	.1	34.3	10.1	24.2	1.4
54	NLK2	5.7	4.1	1.6	206.6	225.6	-19.0	2.3
56	MU2	18.6	14.8	3.8	45.9	33.6	12.3	5.2
59	N2	20.0	21.0	-1.0	294.3	282.5	11.8	4.3
60	NU2	5.1	8.5	-3.5	250.2	262.7	-12.4	3.7
65	M2	131.0	134.7	-3.8	311.7	305.0	6.6	15.8
70	LABDA2	2.8	4.8	-2.1	320.4	316.3	4.1	2.1
71	2MN2	9.9	12.4	-2.5	135.9	139.1	-3.1	2.6
77	S2	32.2	33.7	-1.4	22.8	14.9	7.9	4.7
79	K2	10.7	10.4	.3	26.5	14.4	12.2	2.3
80	MSN2	3.1	2.4	.6	216.3	221.1	-4.8	.7
85	2SM2	2.7	3.4	-.7	245.1	241.1	3.9	.7
86	SKM2	1.3	1.8	-.6	219.5	239.6	-20.1	.8
94	2MK3	1.5	1.4	.1	120.6	77.5	43.1	1.1
98	MK3	1.3	.7	.6	270.7	227.6	43.1	1.0
105	2MNS4	.6	1.6	-1.0	263.7	144.9	118.8	1.9
108	3MS4	1.5	4.0	-2.5	282.4	166.7	115.7	4.9
110	MN4	2.0	5.3	-3.3	173.5	63.9	109.6	6.2
111	2MLS4	.5	2.8	-2.2	292.6	213.6	79.0	2.7
113	M4	6.1	16.6	-10.6	189.7	90.3	99.4	18.6
116	3MN4	.7	2.7	-1.9	9.5	278.5	91.1	2.8
118	MS4	3.7	10.4	-6.7	252.8	166.9	85.9	10.8
119	MK4	1.1	3.1	-2.0	255.9	162.7	93.3	3.4
121	2MSN4	.7	1.8	-1.1	70.9	11.7	59.2	1.5
123	S4	.3	1.1	-.7	8.0	313.0	55.0	.9
129	3MK5	.1	.5	-.4	20.1	156.4	-136.3	.5
134	3MO5	.2	.9	-.7	256.0	305.5	-49.5	.8
140	4MS6	1.3	1.9	-.6	18.2	344.8	33.4	1.1
142	2MN6	1.4	3.6	-2.2	263.9	239.7	24.2	2.4
143	2MNU6	.6	1.7	-1.1	214.8	211.1	3.7	1.1
145	M6	2.9	7.0	-4.1	284.5	269.6	14.9	4.3
151	2MS6	2.5	6.9	-4.3	351.7	335.8	15.9	4.5
152	2MK6	.8	2.0	-1.2	351.8	335.4	16.4	1.2
154	3MSN6	.8	1.8	-1.0	176.5	171.7	4.7	1.0
165	3MN8	.5	.9	-.5	130.0	69.2	60.7	.8
167	M8	.6	1.4	-.7	161.5	104.5	57.0	1.2
168	2MSN8	.5	.8	-.4	205.0	145.5	59.5	.7
170	3MS8	.9	2.1	-1.2	224.0	161.1	63.0	1.9
174	2(MS)8	.3	.9	-.6	295.2	241.3	53.9	.8
186	4MS10	.4	1.3	-1.0	348.2	318.0	30.1	1.0

STATION : BORKUM
OBSERVED : 53 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.4	9.3	-8.9	262.9	289.9	-27.0	9.0
17	Q1	.2	3.1	-2.9	335.4	161.1	174.3	3.3
20	O1	7.5	9.0	-1.5	205.6	217.3	-11.7	2.2
24	M1C	.1			115.1			
33	P1	.5	2.6	-2.1	53.6	8.9	44.7	2.3
35	K1	7.1	6.6	.5	.3	5.0	-4.7	.8
48	3MS2	2.4			130.3			
51	MNS2	2.1	2.2	-.1	353.0	338.7	14.3	.5
54	NLK2	3.3			170.3			
56	MU2	11.2	9.6	1.6	10.4	.5	9.9	2.4
59	N2	15.0	17.1	-2.1	243.0	244.3	-1.3	2.2
60	NU2	2.8	5.8	-3.0	217.0	234.1	-17.1	3.2
65	M2	95.3	104.8	-9.5	264.8	269.5	-4.7	12.5
70	LABDA2	1.8	3.7	-1.9	272.2	279.2	-7.1	2.0
71	2MN2	5.8	9.4	-3.6	95.6	104.5	-8.9	3.8
77	S2	24.4	27.1	-2.7	325.8	333.1	-7.3	4.2
79	K2	7.7	8.3	-.6	330.7	330.6	.1	.6
80	MSN2	2.0	1.8	.2	163.9	171.4	-7.4	.3
85	2SM2	1.7	2.4	-.7	190.0	190.9	-.9	.7
86	SKM2	.9			164.5			
94	2MK3	.7			62.9			
98	MK3	.3	.8	-.5	213.0	207.7	5.4	.5
105	2MNS4	.5			73.9			
108	3MS4	1.3			91.6			
110	MN4	1.7	1.7	.0	332.5	338.1	-5.6	.2
111	2MLS4	.4			101.5			
113	M4	5.9	5.4	.5	353.4	353.4	.0	.5
116	3MN4	.8			183.0			
118	MS4	4.0	4.3	-.3	62.1	76.1	-14.0	1.0
119	MK4	1.2	1.3	-.1	65.5	68.0	-2.5	.1
121	2MSN4	.8			252.3			
123	S4	.3	.5	-.2	190.9	206.2	-15.3	.2
129	3MK5	.7			191.7			
134	3MO5	.5			24.6			
140	4MS6	.8			294.7			
142	2MN6	1.3	2.4	-1.1	174.2	143.9	30.3	1.4
143	2MNU6	.3			115.0			
145	M6	2.4	4.4	-2.0	192.8	172.9	19.8	2.3
151	2MS6	2.3	4.2	-1.9	252.8	231.2	21.5	2.3
152	2MK6	.6	1.2	-.6	252.2	226.1	26.0	.7
154	3MSN6	.4			72.6			
165	3MN8	1.1			290.2			
167	M8	1.5	1.3	.2	324.8	310.1	14.7	.4
168	2MSN8	1.1			5.2			
170	3MS8	2.3			31.5			
174	2(MS)8	.8			100.1			
186	4MS10	.8			176.7			

STATION : HELGOLAND
OBSERVED : 53 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.3	12.2	-11.9	264.0	288.4	-24.4	11.9
17	Q1	.2	2.9	-2.7	353.9	172.7	-178.8	3.1
20	O1	7.5	9.2	-1.7	222.1	234.8	-12.6	2.5
24	M1C	.2			134.7			
33	P1	.5	2.6	-2.1	76.2	27.0	49.1	2.3
35	K1	7.1	6.4	.7	18.1	20.6	-2.5	.8
48	3MS2	2.7			164.1			
51	MNS2	2.4	2.3	.1	28.6	13.4	15.2	.6
54	NLK2	4.0			206.1			
56	MU2	13.2	9.9	3.3	46.3	40.8	5.4	3.5
59	N2	16.8	17.5	-.7	283.1	284.9	-1.7	.8
60	NU2	3.4	6.2	-2.8	253.0	273.4	-20.3	3.3
65	M2	109.6	108.6	1.0	304.9	312.0	-7.1	13.5
70	LABDA2	2.1	3.9	-1.8	312.6	327.8	-15.3	1.9
71	2MN2	7.0	9.2	-2.2	134.4	149.2	-14.8	3.0
77	S2	28.6	28.9	-.3	10.0	17.7	-7.7	3.9
79	K2	9.0	8.4	.6	14.5	14.6	-.1	.6
80	MSN2	2.4	1.8	.6	206.6	212.8	-6.2	.7
85	2SM2	2.2	2.6	-.4	233.8	237.1	-3.3	.4
86	SKM2	1.1			209.8			
94	2MK3	.9			144.2			
98	MK3	.6	.5	.1	300.6	243.4	57.2	.5
105	2MNS4	.2			276.1			
108	3MS4	.5			317.8			
110	MN4	.9	2.5	-1.6	149.4	123.5	25.9	1.8
111	2MLS4	.1			.9			
113	M4	2.1	7.0	-4.9	183.2	147.7	35.5	5.4
116	3MN4	.1			87.0			
118	MS4	1.1	4.3	-3.2	205.8	206.7	-.9	3.2
119	MK4	.3	1.3	-1.0	208.9	199.6	9.2	1.0
121	2MSN4	.1			338.3			
123	S4	.2	.4	-.2	266.7	297.1	-30.4	.2
129	3MK5	.4			262.1			
134	3MO5	.3			81.1			
140	4MS6	1.5			41.2			
142	2MN6	1.7	1.1	.6	254.7	263.7	-9.0	.7
143	2MNU6	.6			256.5			
145	M6	3.6	2.0	1.6	286.3	291.8	-5.5	1.7
151	2MS6	3.3	2.1	1.2	345.0	348.4	-3.4	1.2
152	2MK6	.9	.6	.3	349.4	347.7	1.7	.3
154	3MSN6	.8			193.5			
165	3MN8	.4			117.2			
167	M8	.5	.4	.1	151.9	122.3	29.6	.3
168	2MSN8	.2			178.5			
170	3MS8	.7			205.8			
174	2(MS)8	.2			254.1			
186	4MS10	.1			325.5			

STATION : HANSTHOLM
OBSERVED : 7 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.3			266.5			
17	Q1	.1			74.9			
20	O1	1.5	2.4	-.9	256.2	2.1	-105.9	3.2
24	M1C	.1			214.4			
33	P1	.2	.8	-.6	157.4	186.0	-28.6	.6
35	K1	1.2	2.3	-1.1	86.0	186.0	-99.9	2.8
48	3MS2	.8			323.8			
51	MNS2	.6			187.3			
54	NLK2	1.0			14.4			
56	MU2	3.5			212.3			
59	N2	5.4	2.9	2.5	38.6	47.6	-9.0	2.5
60	NU2	.9			69.6			
65	M2	29.1	12.2	16.9	73.8	105.0	-31.3	19.7
70	LABDA2	.4			126.7			
71	2MN2	1.7			317.3			
77	S2	5.3	2.7	2.6	98.8	14.0	84.8	5.7
79	K2	1.4	.8	.6	107.2	13.9	93.3	1.7
80	MSN2	.4			43.4			
85	2SM2	.4			84.3			
86	SKM2	.2			52.5			
94	2MK3	.2			292.7			
98	MK3	.2			126.2			
105	2MNS4	.1			51.8			
108	3MS4	.2			58.6			
110	MN4	.3			347.1			
111	2MLS4	.1			61.3			
113	M4	.9			359.6			
116	3MN4	.1			158.9			
118	MS4	.8			69.0			
119	MK4	.2			75.0			
121	2MSN4	.1			234.5			
123	S4	.1			161.2			
129	3MK5	.1			344.4			
134	3MO5	.2			165.2			
140	4MS6	.3			342.3			
142	2MN6	.9			172.2			
143	2MNU6	.1			265.2			
145	M6	1.7			204.2			
151	2MS6	2.3			261.8			
152	2MK6	.6			270.0			
154	3MSN6	.4			121.6			
165	3MN8	.3			325.5			
167	M8	.4			358.2			
168	2MSN8	.2			31.2			
170	3MS8	.5			57.6			
174	2(MS)8	.2			113.4			
186	4MS10	.7			53.5			

STATION : EKOFISK
OBSERVED : 94 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.0	9.2	-9.2	254.0	214.3	39.7	9.2
17	Q1	.0	1.7	-1.6	88.0	88.3	-.3	1.6
20	O1	2.5	2.7	-.2	123.0	104.5	18.5	.8
24	M1C	.0	.5	-.5	248.2	91.5	156.7	.6
33	P1	.1	.8	-.7	192.4	252.8	-60.4	.8
35	K1	2.8	2.4	.4	263.6	268.9	-5.2	.5
48	3MS2	.3	.6	-.2	357.5	299.4	58.1	.5
51	MNS2	.3	.5	-.2	211.5	303.9	-92.5	.6
54	NLK2	.5	1.4	-.8	34.8	117.5	-82.6	1.4
56	MU2	1.7	1.3	.4	240.1	301.6	-61.5	1.5
59	N2	6.5	5.0	1.5	49.1	75.5	-26.4	3.0
60	NU2	.4	1.7	-1.3	98.2	69.4	28.7	1.3
65	M2	31.0	28.0	3.0	78.4	82.6	-4.2	3.7
70	LABDA2	.2	.4	-.2	131.2	91.1	40.1	.2
71	2MN2	.8	.9	-.1	333.0	274.1	59.0	.8
77	S2	9.6	7.9	1.7	109.0	116.2	-7.2	2.0
79	K2	2.9	2.2	.7	115.7	100.4	15.3	1.0
80	MSN2	.2	.2	-.1	39.5	10.9	28.6	.1
85	2SM2	.1	.4	-.3	90.2	94.2	-4.0	.3
86	SKM2	.1	.2	-.1	39.0	148.9	-109.9	.3
94	2MK3	.2	.2	-.1	49.7	19.5	30.2	.1
98	MK3	.1	.1	.1	220.1	149.8	70.3	.1
105	2MNS4	.1	.3	-.2	59.4	193.6	-134.2	.3
108	3MS4	.2	.6	-.4	117.5	154.3	-36.8	.4
110	MN4	.3	.3	.1	301.9	355.2	-53.3	.3
111	2MLS4	.1			151.5			
113	M4	1.0	2.0	-1.0	3.4	47.2	-43.8	1.5
116	3MN4	.2	.4	-.3	244.6	248.2	-3.6	.3
118	MS4	.3	1.1	-.7	121.8	152.8	-31.0	.8
119	MK4	.1	.2	-.1	124.3	128.4	-4.1	.1
121	2MSN4	.2	.4	-.2	336.3	338.9	-2.6	.2
123	S4	.1	.3	-.2	333.3	331.0	2.3	.2
129	3MK5	.2	.1	.1	256.1	322.5	-66.4	.2
134	3MO5	.2	.2	.1	64.1	133.2	-69.1	.2
140	4MS6	.5			71.7			
142	2MN6	.7	.7	.0	256.8	228.6	28.2	.3
143	2MNU6	.2			310.6			
145	M6	1.2	1.3	-.1	300.0	249.8	50.1	1.1
151	2MS6	.8	.9	-.1	2.9	315.4	47.5	.7
152	2MK6	.2	.4	-.2	8.6	303.6	65.0	.4
154	3MSN6	.2	.2	.0	234.8	162.2	72.6	.2
165	3MN8	.1	.2	-.1	3.5	336.3	27.2	.1
167	M8	.1	.2	-.1	57.2	15.5	41.8	.1
168	2MSN8	.0	.1	-.1	74.7	139.4	-64.7	.1
170	3MS8	.0	.3	-.2	339.0	82.6	-103.6	.3
174	2(MS)8	.1	.1	-.1	46.7	171.9	-125.2	.2
186	4MS10	.4	.1	.3	199.7	195.7	4.0	.3

STATION : K13 A
OBSERVED : 110 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.3	12.6	-12.3	264.7	218.5	46.1	12.4
17	Q1	.2	3.7	-3.4	247.2	116.3	130.9	3.8
20	O1	9.0	9.8	-.8	164.7	166.0	-1.3	.9
24	M1C	.1	.9	-.8	34.7	124.8	-90.1	.9
33	P1	.6	2.8	-2.3	330.0	317.6	12.4	2.3
35	K1	9.5	8.3	1.2	321.7	332.4	-10.7	2.0
48	3MS2	.4	.4	.1	351.7	354.8	-3.1	.1
51	MNS2	.7	.8	-.1	240.0	201.9	38.1	.5
54	NLK2	.9	1.6	-.7	38.6	28.5	10.1	.7
56	MU2	3.1	3.7	-.7	233.2	215.6	17.6	1.2
59	N2	12.0	9.8	2.2	167.7	161.8	5.9	2.5
60	NU2	.8	1.9	-1.1	54.5	149.5	-95.0	2.1
65	M2	55.5	52.1	3.4	179.4	178.1	1.3	3.6
70	LABDA2	.9	1.7	-.8	140.8	151.6	-10.9	.8
71	2MN2	2.4	2.9	-.5	305.6	341.5	-35.8	1.7
77	S2	22.2	18.5	3.7	232.9	234.3	-1.4	3.8
79	K2	6.4	5.3	1.1	238.0	233.7	4.3	1.2
80	MSN2	1.2	.8	.4	22.5	19.2	3.3	.4
85	2SM2	1.2	1.2	.0	42.8	53.5	-10.7	.2
86	SKM2	.5	.7	-.1	22.6	64.5	-41.9	.4
94	2MK3	1.1	1.2	-.2	277.2	265.2	12.0	.3
98	MK3	.9	.9	.0	87.1	74.1	12.9	.2
105	2MNS4	.3	.3	.0	251.3	226.8	24.5	.1
108	3MS4	.8	.7	.1	266.5	237.8	28.7	.4
110	MN4	.7	.5	.1	174.9	121.4	53.4	.6
111	2MLS4	.3	.5	-.2	272.4	288.2	-15.8	.2
113	M4	2.4	2.1	.3	179.2	155.2	24.0	1.0
116	3MN4	.5	.5	.0	351.5	347.8	3.7	.0
118	MS4	1.5	1.3	.3	267.6	245.2	22.4	.6
119	MK4	.4	.2	.2	272.8	236.5	36.3	.3
121	2MSN4	.4	.3	.1	69.0	90.0	-21.1	.2
123	S4	.3	.1	.3	42.5	18.6	23.8	.3
129	3MK5	.4	.3	.1	317.7	337.1	-19.3	.2
134	3MO5	.6	.4	.2	138.0	162.3	-24.3	.3
140	4MS6	.8	.4	.4	290.0	304.9	-14.8	.4
142	2MN6	1.4	1.6	-.2	97.3	127.7	-30.4	.8
143	2MNU6	.3	.6	-.3	161.0	146.3	14.7	.4
145	M6	2.2	3.0	-.7	128.3	157.9	-29.6	1.5
151	2MS6	2.4	2.5	.0	159.6	204.5	-44.9	1.9
152	2MK6	.7	.7	.0	172.5	208.2	-35.8	.4
154	3MSN6	.4	.5	-.1	22.7	63.7	-41.0	.3
165	3MN8	.4	.6	-.2	80.4	59.7	20.7	.2
167	M8	.7	.8	-.1	102.6	94.7	7.8	.2
168	2MSN8	.6	.4	.2	152.0	130.7	21.3	.2
170	3MS8	1.2	1.2	.1	163.9	154.3	9.6	.2
174	2(MS)8	.5	.4	.0	243.3	217.5	25.8	.2
186	4MS10	.9	.8	.1	248.9	256.9	-8.0	.2

STATION : EURO 0
OBSERVED : 110 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.6	7.8	-7.1	265.1	205.9	59.1	7.5
17	Q1	.5	3.3	-2.8	257.5	119.7	137.8	3.7
20	O1	9.9	10.1	-.3	172.5	169.5	2.9	.6
24	M1C	.3	2.3	-2.0	40.5	102.1	-61.7	2.1
33	P1	1.1	3.9	-2.7	341.0	318.7	22.3	2.9
35	K1	9.1	7.7	1.4	337.5	344.9	-7.4	1.8
48	3MS2	2.0	1.8	.3	269.7	267.7	2.0	.3
51	MNS2	1.9	1.2	.7	124.5	127.2	-2.7	.7
54	NLK2	2.9	2.5	.4	301.5	316.0	-14.5	.8
56	MU2	10.2	6.4	3.8	147.9	153.9	-6.0	3.9
59	N2	10.7	11.6	-.9	351.4	357.4	-6.0	1.5
60	NU2	2.6	4.2	-1.6	351.7	353.8	-2.1	1.6
65	M2	76.6	72.9	3.7	25.1	25.7	-.6	3.8
70	LABDA2	1.5	2.2	-.7	46.2	58.3	-12.1	.8
71	2MN2	5.2	6.4	-1.2	228.3	232.7	-4.4	1.3
77	S2	16.5	18.1	-1.6	74.4	80.2	-5.8	2.4
79	K2	6.0	5.3	.7	71.2	82.3	-11.1	1.3
80	MSN2	1.8	1.6	.2	296.0	295.1	.9	.2
85	2SM2	1.6	2.2	-.6	325.5	324.1	1.4	.6
86	SKM2	.7	1.1	-.3	293.5	327.0	-33.4	.6
94	2MK3	1.3	1.3	.0	128.8	94.8	34.0	.7
98	MK3	1.0	1.3	-.3	252.9	240.8	12.1	.4
105	2MNS4	.7	.4	.3	175.4	117.4	58.0	.6
108	3MS4	1.6	1.0	.6	199.5	143.1	56.5	1.4
110	MN4	3.9	3.5	.4	60.0	45.5	14.5	1.0
111	2MLS4	.4	.9	-.5	215.7	200.8	14.9	.6
113	M4	10.9	9.8	1.1	84.1	71.1	12.9	2.6
116	3MN4	.7	1.4	-.7	281.4	256.8	24.5	.9
118	MS4	6.9	6.7	.2	134.5	125.1	9.4	1.1
119	MK4	2.0	2.0	.0	139.6	129.6	10.1	.4
121	2MSN4	.7	.7	.0	319.5	312.5	7.0	.1
123	S4	.7	.6	.1	197.0	221.7	-24.7	.3
129	3MK5	.7	.7	.1	97.6	100.2	-2.6	.1
134	3MO5	.7	.4	.3	261.5	275.7	-14.1	.3
140	4MS6	1.5	.8	.7	146.1	125.1	21.0	.8
142	2MN6	2.0	2.1	-.1	4.8	336.0	28.7	1.0
143	2MNU6	.5	.9	-.4	344.1	319.5	24.7	.5
145	M6	4.1	3.9	.2	30.0	6.2	23.8	1.7
151	2MS6	3.4	3.7	-.4	79.3	57.8	21.5	1.4
152	2MK6	1.0	1.0	.0	73.5	62.3	11.1	.2
154	3MSN6	.8	.9	-.1	274.1	262.3	11.8	.2
165	3MN8	.9	.7	.2	28.8	358.1	30.7	.5
167	M8	1.3	1.0	.3	54.1	28.6	25.5	.6
168	2MSN8	.9	.6	.3	89.2	47.3	41.9	.6
170	3MS8	1.9	1.4	.5	107.4	75.1	32.2	1.1
174	2(MS)8	.7	.6	.1	163.4	133.9	29.5	.3
186	4MS10	.4	.4	.0	357.4	353.6	3.7	.0

CONSTI-TUENT	NOT AVAILABLE	MAX. DIFFERENCE (CM)					
		0.0-1.9	2.0-4.9	5.0-9.9	10.0-19.9	20.0-49.9	50.0=<
SA	3		1	4	1		
Q1		4	5				
O1		6	2	1			
M1C	9						
P1		4	5				
K1		6	3				
3MS2	6	3					
MNS2	3	6					
NLK2	9						
MU2		1	4	4			
N2		5	4				
NU2			2	7			
M2			3	1	4	1	
LABDA2	3	4	2				
2MN2		2	6	1			
S2		2	3	4			
K2		6	3				
MSN2	3	6					
2SM2		9					
SKM2	8	1					
2MK3	9						
MK3		9					
2MNS4	8	1					
3MS4	6	3					
MN4		7	2				
2MLS4	8	1					
M4		2	5	1	1		
3MN4	8	1					
MS4		5	3	1			
MK4	3	6					
2MSN4	9						
S4	3	6					
3MK5	6	3					
3MO5	6	3					
4MS6	6	3					
2MN6		8	1				
2MNU6	6	3					
M6		8	1				
2MS6		8	1				
2MK6	3	6					
3MSN6	7	2					
3MN8	6	3					
M8	6	3					
2MSN8	6	3					
3MS8	6	3					
2(MS)8	6	3					
4MS10	7	2					

TABEL 2: OVERZICHT VAN DE MAXIMALE VERSCHILLEN VOOR 47 GETIJ-KOMPONENTEN IN 9 OVERIGE STATIONS, RUN=C02

STATION : LERWICK
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.0	8.8	-8.8	131.4	227.5	-96.1	8.8
17	Q1	.1	2.9	-2.8	82.2	336.0	106.3	2.9
20	O1	6.7	7.9	-1.2	39.0	30.7	8.2	1.6
24	M1C	.1			346.4			
33	P1	.0	2.3	-2.3	209.3	148.2	61.1	2.3
35	K1	7.6	7.5	.1	164.8	164.3	.5	.1
48	3MS2	.3			304.4			
51	MNS2	.2	.5	-.3	189.7	240.7	-51.0	.4
54	NLK2	.3			18.0			
56	MU2	1.1	2.3	-1.2	213.0	267.8	-54.8	1.9
59	N2	10.6	12.0	-1.4	298.8	289.5	9.2	2.3
60	NU2	.3	2.2	-1.9	70.9	290.0	140.8	2.5
65	M2	45.4	57.7	-12.3	320.1	311.8	8.3	14.4
70	LABDA2	.2	.4	-.2	163.0	300.8	-137.7	.5
71	2MN2	.7	1.1	-.4	335.2	163.2	172.0	1.8
77	S2	18.2	21.0	-2.8	345.3	346.2	-.9	2.8
79	K2	5.5	5.8	-.3	351.6	342.7	8.9	.9
80	MSN2	.2	.2	.0	69.8	127.9	-58.2	.2
85	2SM2	.2	.3	-.1	101.8	132.3	-30.6	.2
86	SKM2	.1			83.2			
94	2MK3	.4			97.0			
98	MK3	.3	.3	.0	290.0	335.8	-45.8	.2
105	2MNS4	.1			45.2			
108	3MS4	.2			67.5			
110	MN4	.6	.5	.1	304.9	232.7	72.2	.6
111	2MLS4	.0			70.9			
113	M4	1.5	1.6	-.1	326.8	276.2	50.6	1.3
116	3MN4	.1			156.3			
118	MS4	1.1	1.2	-.1	21.5	357.0	24.5	.5
119	MK4	.4	.4	.0	30.4	2.4	28.0	.2
121	2MSN4	.1			209.8			
123	S4	.1	.1	.0	84.6	150.3	-65.7	.1
129	3MK5	.2			112.0			
134	3MO5	.3			282.2			
140	4MS6	.7			71.3			
142	2MN6	.9	.6	.3	234.7	199.5	35.2	.5
143	2MNU6	.3			308.9			
145	M6	1.4	1.2	.2	272.1	223.7	48.5	1.1
151	2MS6	1.1	1.3	-.2	290.1	268.1	22.0	.5
152	2MK6	.3	.3	.0	285.6	268.1	17.5	.1
154	3MSN6	.2			172.3			
165	3MN8	.2			216.8			
167	M8	.3			260.5			
168	2MSN8	.2			310.1			
170	3MS8	.4			330.5			
174	2(MS)8	.1			37.8			
186	4MS10	.5			11.5			

BIJLAGE 2 bij TAAK 3.3
Projekt: Z262.00
Datum : 16 juni 1988

STATION : STORNOWAY
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.0	8.0	-8.0	241.2	243.4	-2.3	8.0
17	Q1	.1	3.0	-2.9	143.5	296.8	-153.3	3.1
20	O1	7.7	9.3	-1.6	1.5	349.4	12.1	2.4
24	M1C	.0			348.0			
33	P1	.0	3.7	-3.7	36.4	128.3	-91.9	3.7
35	K1	11.8	13.1	-1.3	141.0	134.9	6.1	1.9
48	3MS2	.0			212.3			
51	MNS2	.1	1.2	-1.1	43.5	99.2	-55.7	1.2
54	NLK2	.1			239.5			
56	MU2	.3	5.7	-5.4	86.9	140.4	-53.5	5.5
59	N2	30.0	28.2	1.8	179.1	174.1	5.0	3.1
60	NU2	.1	5.1	-5.0	306.8	181.1	125.7	5.2
65	M2	140.9	139.3	1.6	198.0	196.9	1.1	3.2
70	LABDA2	.1	1.0	-.9	341.4	235.2	106.2	1.0
71	2MN2	.2	2.5	-2.3	182.2	52.0	130.2	2.7
77	S2	59.4	54.9	4.5	231.4	229.0	2.4	5.1
79	K2	17.5	15.3	2.2	233.8	226.7	7.1	3.0
80	MSN2	.1	.5	-.4	251.2	173.3	77.9	.5
85	2SM2	.1	.5	-.4	288.2	230.2	58.0	.4
86	SKM2	.1			267.1			
94	2MK3	.3			7.7			
98	MK3	.5	1.2	-.7	175.3	197.0	-21.7	.8
105	2MNS4	1.0			29.8			
108	3MS4	1.8			74.8			
110	MN4	4.4	.9	3.5	271.7	164.1	107.6	4.8
111	2MLS4	.4			117.8			
113	M4	11.1	5.8	5.3	301.3	217.4	84.0	12.0
116	3MN4	.5			173.3			
118	MS4	6.4	6.7	-.3	343.7	291.4	52.3	5.8
119	MK4	1.7	2.0	-.3	349.6	298.9	50.7	1.6
121	2MSN4	.3			195.5			
123	S4	1.0	1.1	-.1	19.5	25.1	-5.6	.2
129	3MK5	.1			238.0			
134	3MO5	.2			24.7			
140	4MS6	.3			57.0			
142	2MN6	.3	.3	.0	214.6	196.7	17.9	.1
143	2MNU6	.2			288.3			
145	M6	.4	.5	-.1	264.6	190.0	74.6	.5
151	2MS6	.3	.7	-.4	284.3	217.9	66.4	.6
152	2MK6	.1	.4	-.3	308.3	221.6	86.7	.4
154	3MSN6	.2			152.1			
165	3MN8	.1			121.3			
167	M8	.2			153.0			
168	2MSN8	.1			185.0			
170	3MS8	.3			217.2			
174	2(MS)8	.1			281.0			
186	4MS10	.3			55.8			

STATION : MALIN HEAD
OBSERVED : 90 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.1	10.2	-10.1	269.7	214.9	54.8	10.2
17	Q1	.1	2.7	-2.6	37.6	312.7	84.9	2.7
20	O1	4.5	8.1	-3.6	54.9	15.0	39.9	5.5
24	M1C	.1			110.4			
33	P1	.0	2.5	-2.5	69.5	154.4	-84.9	2.5
35	K1	7.7	9.3	-1.6	125.6	157.0	-31.4	4.9
48	3MS2	.1	.1	.0	217.8	210.5	7.3	.0
51	MNS2	.3	1.4	-1.1	54.8	87.8	-33.0	1.2
54	NLK2	.3			230.5			
56	MU2	1.1	5.6	-4.5	78.4	107.5	-29.2	4.7
59	N2	24.4	22.4	2.0	149.2	155.4	-6.3	3.3
60	NU2	.2	4.1	-3.9	283.5	161.6	122.0	4.2
65	M2	124.1	107.5	16.6	168.3	177.7	-9.5	25.2
70	LABDA2	.3	.4	-.1	317.5	277.0	40.4	.3
71	2MN2	.6	1.4	-.8	140.3	34.5	105.8	1.7
77	S2	48.7	42.0	6.7	199.5	206.1	-6.6	8.5
79	K2	13.8	12.2	1.6	200.4	203.4	-3.0	1.8
80	MSN2	.3	.5	-.2	191.8	216.6	-24.8	.3
85	2SM2	.3	.8	-.5	210.7	227.6	-16.9	.5
86	SKM2	.1			191.6			
94	2MK3	.3			351.7			
98	MK3	.5	1.2	-.7	119.7	197.6	-77.9	1.2
105	2MNS4	.1			14.1			
108	3MS4	.2	.3	-.1	76.0	64.8	11.2	.1
110	MN4	.6	.4	.2	305.4	165.0	140.4	.9
111	2MLS4	.0			130.1			
113	M4	1.5	1.7	-.2	343.3	210.2	133.0	2.9
116	3MN4	.1			219.8			
118	MS4	1.1	1.7	-.6	46.9	273.9	133.0	2.6
119	MK4	.3	.4	-.1	54.0	278.4	135.6	.7
121	2MSN4	.0			284.5			
123	S4	.2	.1	.1	92.6	315.1	137.5	.3
129	3MK5	.1	.2	-.1	323.4	357.4	-34.0	.1
134	3MO5	.1	.2	-.1	146.5	134.3	12.3	.1
140	4MS6	.4	.1	.3	241.6	192.9	48.7	.4
142	2MN6	.5	.3	.2	51.4	268.5	142.8	.8
143	2MNU6	.2	.1	.1	134.9	142.8	-8.0	.1
145	M6	.8	.4	.4	99.4	320.2	139.2	1.2
151	2MS6	.7	.3	.4	161.2	35.9	125.3	.9
152	2MK6	.2	.1	.1	176.6	352.3	-175.7	.3
154	3MSN6	.2			34.5			
165	3MN8	.4	.2	.2	73.8	338.0	95.7	.4
167	M8	.5	.3	.2	111.2	20.4	90.8	.5
168	2MSN8	.2	.1	.1	154.4	41.6	112.7	.2
170	3MS8	.3	.3	.0	198.0	75.3	122.7	.6
174	2(MS)8	.1	.1	.0	40.9	160.0	-119.1	.2
186	4MS10	.6	.1	.5	338.9	206.9	132.1	.6

STATION : H
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.0			120.2			
17	Q1	.0	2.1	-2.1	175.1	271.7	-96.6	2.1
20	O1	7.3	6.6	.7	339.8	333.9	5.9	1.0
24	M1C	.0			46.1			
33	P1	.0	2.2	-2.2	71.5	72.5	-1.0	2.2
35	K1	5.0	7.1	-2.1	86.9	74.8	12.1	2.5
48	3MS2	.0			.8			
51	MNS2	.1			173.5			
54	NLK2	.1			2.1			
56	MU2	.3	5.4	-5.1	198.9	277.5	-78.6	5.3
59	N2	25.6	26.3	-.7	91.0	89.1	1.9	1.1
60	NU2	.1	5.2	-5.1	64.9	84.2	-19.3	5.2
65	M2	121.6	124.2	-2.6	110.0	112.2	-2.2	5.4
70	LABDA2	.1			90.7			
71	2MN2	.2	2.6	-2.4	268.3	303.2	-34.9	2.4
77	S2	42.3	40.9	1.4	144.3	145.4	-1.1	1.6
79	K2	11.3	11.8	-.5	141.2	142.5	-1.3	.6
80	MSN2	.1			326.0			
85	2SM2	.1	.5	-.4	357.2	309.7	47.5	.5
86	SKM2	.0			340.1			
94	2MK3	.1			162.5			
98	MK3	.0	.3	-.3	5.6	315.1	50.5	.3
105	2MNS4	.1			312.7			
108	3MS4	.3			333.8			
110	MN4	.4	.6	-.2	204.8	280.5	-75.7	.6
111	2MLS4	.1			347.8			
113	M4	1.5	1.5	.0	228.6	269.1	-40.5	1.0
116	3MN4	.1			57.9			
118	MS4	.9	1.0	-.1	292.2	312.8	-20.6	.4
119	MK4	.3			292.4			
121	2MSN4	.1			115.6			
123	S4	.1			30.6			
129	3MK5	.0			291.1			
134	3MO5	.0			39.2			
140	4MS6	.1			102.2			
142	2MN6	.1	.2	-.1	348.9	337.6	11.3	.1
143	2MNU6	.0			306.0			
145	M6	.2	.5	-.3	8.6	8.2	.4	.3
151	2MS6	.2	.5	-.3	75.2	58.5	16.7	.3
152	2MK6	.1			74.4			
154	3MSN6	.0			245.3			
165	3MN8	.1			78.7			
167	M8	.1			106.7			
168	2MSN8	.1			192.5			
170	3MS8	.2			203.4			
174	2(MS)8	.1			314.8			
186	4MS10	.1			347.7			

STATION : G
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.0			84.1			
17	Q1	.0	2.1	-2.1	115.1	278.6	-163.5	2.1
20	O1	5.8	5.5	.3	340.6	341.9	-1.3	.4
24	M1C	.0			183.3			
33	P1	.0	1.9	-1.9	144.6	77.2	67.4	1.9
35	K1	4.9	6.0	-1.1	95.8	79.5	16.3	1.9
48	3MS2	.2			349.1			
51	MNS2	.3			186.4			
54	NLK2	.4			2.9			
56	MU2	1.4	9.3	-7.9	208.3	272.3	-64.0	8.8
59	N2	28.5	27.5	1.0	101.8	98.8	3.0	1.8
60	NU2	.2	5.5	-5.3	56.4	93.9	-37.5	5.3
65	M2	139.4	139.2	.2	120.6	121.6	-1.0	2.5
70	LABDA2	.4			97.7			
71	2MN2	.9	2.4	-1.6	275.4	330.1	-54.7	2.1
77	S2	48.4	45.6	2.8	157.8	158.3	-.5	2.9
79	K2	13.0	13.2	-.2	154.9	155.5	-.6	.2
80	MSN2	.4			334.6			
85	2SM2	.4	.9	-.5	.5	14.6	-14.1	.6
86	SKM2	.2			342.7			
94	2MK3	.2			186.4			
98	MK3	.1	.3	-.2	311.5	358.2	-46.7	.2
105	2MNS4	.5			310.1			
108	3MS4	1.0			334.5			
110	MN4	1.6	.6	1.0	190.1	222.0	-31.9	1.2
111	2MLS4	.2			347.1			
113	M4	5.0	2.9	2.1	217.3	230.6	-13.3	2.3
116	3MN4	.5			60.7			
118	MS4	2.7	1.5	1.2	279.4	287.6	-8.2	1.3
119	MK4	.8			279.9			
121	2MSN4	.5			115.6			
123	S4	.1			29.0			
129	3MK5	.1			298.0			
134	3MO5	.1			41.2			
140	4MS6	.2			103.9			
142	2MN6	.4	.6	-.2	.9	350.6	10.3	.3
143	2MNU6	.1			291.8			
145	M6	.7	1.1	-.4	19.6	349.3	30.3	.6
151	2MS6	.7	1.3	-.6	85.6	53.8	31.8	.8
152	2MK6	.2			87.1			
154	3MSN6	.1			251.5			
165	3MN8	.2			69.7			
167	M8	.2			109.0			
168	2MSN8	.2			178.9			
170	3MS8	.4			197.6			
174	2(MS)8	.1			309.7			
186	4MS10	.1			325.7			

STATION : F
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.1			89.4			
17	Q1	.1	1.9	-1.8	79.1	297.3	141.8	1.9
20	O1	4.8	4.9	-.1	347.4	352.0	-4.6	.4
24	M1C	.0			206.5			
33	P1	.1	1.5	-1.4	177.9	89.2	88.7	1.5
35	K1	4.1	4.6	-.5	109.1	91.5	17.6	1.4
48	3MS2	.4			351.1			
51	MNS2	.8			190.1			
54	NLK2	.9			9.0			
56	MU2	3.2	10.9	-7.7	211.2	189.1	22.1	8.0
59	N2	32.0	31.4	.6	113.5	114.6	-1.1	.9
60	NU2	.6	6.1	-5.5	58.9	111.2	-52.3	5.8
65	M2	160.6	157.4	3.2	131.5	136.2	-4.7	13.3
70	LABDA2	.9			99.3			
71	2MN2	2.0	3.6	-1.7	278.5	325.2	-46.7	2.7
77	S2	56.2	52.2	4.0	172.2	177.5	-5.3	6.4
79	K2	15.2	15.1	.1	169.0	174.5	-5.5	1.5
80	MSN2	.9			337.0			
85	2SM2	.8	1.2	-.4	2.8	34.1	-31.3	.7
86	SKM2	.4			340.0			
94	2MK3	.3			202.2			
98	MK3	.2	.2	.0	317.5	354.7	-37.2	.1
105	2MNS4	.7			312.6			
108	3MS4	1.6			336.2			
110	MN4	2.6	1.4	1.2	189.8	195.6	-5.8	1.2
111	2MLS4	.4			346.4			
113	M4	8.0	5.2	2.8	217.0	219.1	-2.1	2.8
116	3MN4	.8			61.6			
118	MS4	4.2	2.4	1.8	278.0	265.1	12.9	1.9
119	MK4	1.1			278.3			
121	2MSN4	.7			118.0			
123	S4	.1			41.0			
129	3MK5	.1			304.4			
134	3MO5	.1			53.8			
140	4MS6	.1			167.7			
142	2MN6	.3	.2	.1	52.8	37.3	15.5	.1
143	2MNU6	.0			327.0			
145	M6	.4	.4	.0	76.4	49.8	26.6	.2
151	2MS6	.5	.5	.0	129.6	97.7	31.9	.3
152	2MK6	.1			130.4			
154	3MSN6	.1			325.7			
165	3MN8	.2			114.6			
167	M8	.2			139.5			
168	2MSN8	.2			161.9			
170	3MS8	.3			180.4			
174	2(MS)8	.2			224.9			
186	4MS10	.2			210.3			

STATION : ST MARY'S
OBSERVED : 58 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.1	7.0	-6.9	80.7	238.4	-157.7	7.0
17	Q1	.1	1.8	-1.7	50.2	289.3	120.9	1.8
20	O1	5.4	5.5	-.1	344.0	341.1	2.9	.3
24	M1C	.0			162.5			
33	P1	.1	1.7	-1.6	136.7	97.3	39.4	1.6
35	K1	4.8	5.4	-.6	101.4	99.6	1.8	.6
48	3MS2	.5			340.8			
51	MNS2	.8	1.1	-.3	186.9	117.7	69.2	1.1
54	NLK2	1.0			3.3			
56	MU2	3.4	4.7	-1.3	205.1	139.6	65.5	4.5
59	N2	35.0	34.6	.4	111.1	110.0	1.1	.8
60	NU2	.6	6.8	-6.2	48.2	105.1	-56.9	6.5
65	M2	175.6	176.5	-.9	129.2	130.1	-.9	3.0
70	LABDA2	.9	2.5	-1.6	99.2	122.9	-23.7	1.7
71	2MN2	2.1	5.2	-3.1	274.0	328.6	-54.6	4.4
77	S2	61.7	60.7	1.0	170.8	170.8	.0	1.0
79	K2	16.6	17.5	-.9	167.9	167.9	.0	.9
80	MSN2	1.0	1.2	-.2	339.7	356.5	-16.8	.4
85	2SM2	.9	1.4	-.5	7.2	36.1	-28.9	.7
86	SKM2	.4			343.7			
94	2MK3	.3			174.8			
98	MK3	.3	.3	.0	286.8	309.3	-22.5	.1
105	2MNS4	.7			295.7			
108	3MS4	1.5			321.0			
110	MN4	3.4	2.4	1.0	173.0	153.2	19.8	1.4
111	2MLS4	.3			336.7			
113	M4	9.5	6.6	2.9	199.5	184.2	15.3	3.6
116	3MN4	.7			49.3			
118	MS4	5.3	4.3	1.0	253.4	243.0	10.4	1.3
119	MK4	1.4	1.2	.2	255.1	232.8	22.3	.6
121	2MSN4	.6			98.3			
123	S4	.4	.6	-.2	299.5	300.6	-1.1	.2
129	3MK5	.2			282.3			
134	3MO5	.2			21.5			
140	4MS6	.6			85.8			
142	2MN6	.6	.8	-.2	302.0	322.2	-20.2	.3
143	2MNU6	.2			289.7			
145	M6	1.2	1.5	-.3	328.1	350.1	-22.0	.6
151	2MS6	1.1	1.6	-.5	31.8	47.0	-15.2	.6
152	2MK6	.3	.4	-.1	38.8	49.1	-10.3	.1
154	3MSN6	.4			222.8			
165	3MN8	.1			170.5			
167	M8	.2			206.5			
168	2MSN8	.1			257.9			
170	3MS8	.1			300.5			
174	2(MS)8	.0			161.2			
186	4MS10	.2			127.4			

STATION : NEWLYN
OBSERVED : 93 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.0	7.9	-7.9	52.2	272.5	139.7	7.9
17	Q1	.1	1.7	-1.6	34.8	301.2	93.6	1.7
20	O1	4.8	5.4	-.6	347.0	341.0	6.0	.8
24	M1C	.1			145.6			
33	P1	.2	2.1	-1.9	127.1	98.5	28.6	1.9
35	K1	4.5	6.4	-1.9	107.2	111.7	-4.5	1.9
48	3MS2	.6	1.2	-.6	350.8	359.9	-9.1	.6
51	MNS2	1.0	1.0	.0	202.6	169.6	33.1	.6
54	NLK2	1.3			16.3			
56	MU2	4.1	5.4	-1.3	217.1	167.9	49.2	4.1
59	N2	34.1	33.1	1.0	110.4	116.1	-5.7	3.5
60	NU2	.7	7.4	-6.7	55.7	108.8	-53.0	7.0
65	M2	173.8	172.0	1.8	128.8	135.2	-6.4	19.4
70	LABDA2	1.1	3.5	-2.4	112.3	125.0	-12.7	2.4
71	2MN2	2.4	6.0	-3.6	284.0	322.0	-38.0	4.3
77	S2	59.5	58.0	1.5	171.5	178.7	-7.2	7.5
79	K2	15.9	16.8	-.9	168.9	175.3	-6.4	2.0
80	MSN2	1.2	1.5	-.3	352.5	8.0	-15.5	.5
85	2SM2	1.2	2.3	-1.1	18.3	32.7	-14.4	1.2
86	SKM2	.5			353.7			
94	2MK3	.4			170.4			
98	MK3	.4	.6	-.2	284.3	256.2	28.1	.3
105	2MNS4	.8			282.4			
108	3MS4	1.6	.4	1.2	306.2	223.8	82.4	1.6
110	MN4	4.7	4.4	.3	161.3	143.3	18.0	1.5
111	2MLS4	.3			322.5			
113	M4	12.7	11.4	1.3	186.4	169.5	17.0	3.8
116	3MN4	.7			35.5			
118	MS4	7.4	7.4	.0	237.5	222.3	15.3	2.0
119	MK4	2.0	2.2	-.2	239.4	218.0	21.4	.8
121	2MSN4	.6			80.2			
123	S4	.7	.9	-.2	283.7	288.5	-4.8	.2
129	3MK5	.3	.1	.2	281.1	313.9	-32.8	.2
134	3MO5	.2	.2	.0	16.9	357.3	19.6	.1
140	4MS6	.7	.2	.5	79.0	37.4	41.6	.6
142	2MN6	.6	.4	.2	295.9	297.5	-1.6	.2
143	2MNU6	.2	.1	.1	283.3	308.7	-25.4	.1
145	M6	1.3	.8	.5	322.0	336.6	-14.6	.6
151	2MS6	1.2	.8	.4	27.3	35.8	-8.5	.4
152	2MK6	.3	.2	.1	34.0	45.6	-11.5	.1
154	3MSN6	.5	.1	.4	216.0	189.8	26.2	.4
165	3MN8	.2	.3	-.1	253.4	247.8	5.6	.1
167	M8	.4	.4	.0	277.9	271.4	6.5	.0
168	2MSN8	.3	.2	.1	329.2	293.9	35.3	.2
170	3MS8	.7	.4	.3	348.6	324.9	23.7	.3
174	2(MS)8	.3	.2	.1	76.6	24.5	52.1	.2
186	4MS10	.3	.3	.0	114.0	134.7	-20.7	.1

STATION : NEWHAVEN
OBSERVED : 84 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C02	O	D	C02	O	D	
1	SA	.2	4.1	-3.9	258.7	236.3	22.4	3.9
17	Q1	.1	.1	.0	338.4	165.0	173.4	.2
20	O1	4.6	1.3	3.3	47.4	350.2	57.2	4.1
24	M1C	.4			55.2			
33	P1	.3	2.8	-2.5	87.5	86.0	1.5	2.5
35	K1	6.2	7.8	-1.6	116.6	105.7	10.9	2.1
48	3MS2	.7	1.1	-.4	170.9	162.8	8.1	.4
51	MNS2	2.2	1.8	.4	54.1	14.8	39.3	1.4
54	NLK2	2.4			221.1			
56	MU2	7.6	6.6	1.0	56.8	18.6	38.2	4.8
59	N2	40.3	42.1	-1.8	299.5	298.9	.6	1.9
60	NU2	1.1	9.4	-8.2	224.6	291.4	-66.8	9.0
65	M2	212.3	225.3	-13.1	318.2	321.3	-3.1	17.6
70	LABDA2	2.7	5.8	-3.1	318.8	320.3	-1.5	3.1
71	2MN2	4.8	13.4	-8.5	120.6	143.7	-23.1	9.1
77	S2	70.5	73.0	-2.5	7.7	10.8	-3.1	4.6
79	K2	18.6	21.6	-3.0	5.6	10.2	-4.6	3.4
80	MSN2	3.1	3.4	-.3	192.6	190.7	1.9	.3
85	2SM2	3.3	4.8	-1.5	213.3	215.2	-1.9	1.6
86	SKM2	1.4	2.8	-1.4	198.3	207.3	-9.0	1.4
94	2MK3	1.1			302.5			
98	MK3	1.2	1.4	-.2	65.5	50.1	15.4	.4
105	2MNS4	.3	.5	-.2	4.1	301.5	62.6	.5
108	3MS4	.7	1.0	-.3	21.0	329.8	51.2	.8
110	MN4	1.0	3.0	-2.0	248.4	223.9	24.5	2.1
111	2MLS4	.2	.7	-.5	14.3	22.2	-7.9	.5
113	M4	3.1	8.9	-5.8	268.3	250.0	18.3	6.0
116	3MN4	.3	1.5	-1.2	95.3	76.6	18.7	1.2
118	MS4	1.8	6.0	-4.2	334.7	307.1	27.6	4.4
119	MK4	.5	1.9	-1.3	339.3	310.0	29.3	1.4
121	2MSN4	.4			157.5			
123	S4	.2	.4	-.2	124.1	47.0	77.1	.4
129	3MK5	.2	.1	.1	282.1	230.4	51.7	.1
134	3MO5	.2	.2	.0	33.0	341.2	51.8	.2
140	4MS6	.4	.3	.2	54.4	255.6	158.8	.7
142	2MN6	1.2	1.1	.1	259.8	142.0	117.8	2.0
143	2MNU6	.1	.3	-.2	279.4	117.2	162.2	.4
145	M6	2.2	2.1	.0	284.6	164.2	120.4	3.7
151	2MS6	2.2	2.4	-.3	330.5	206.8	123.7	4.1
152	2MK6	.6	.7	-.1	332.8	211.4	121.5	1.1
154	3MSN6	.3	.5	-.2	167.9	40.0	127.9	.7
165	3MN8	.5	.7	-.2	314.0	6.8	-52.8	.5
167	M8	.7	.9	-.2	346.5	39.2	-52.7	.8
168	2MSN8	.4	.5	-.1	30.3	53.6	-23.3	.2
170	3MS8	1.0	1.3	-.3	53.5	79.5	-26.0	.6
174	2(MS)8	.3	.6	-.3	105.5	123.3	-17.8	.3
186	4MS10	.2			87.6			

CONSTI-TUENT	NOT AVAILABLE	MAX. DIFFERENCE (CM)					
		0.0-1.9	2.0-4.9	5.0-9.9	10.0-19.9	20.0-49.9	50.0=<
SA	8		1	15	8		
Q1	2	28	2				
O1		17	15				
M1C	18	12	2				
P1	1	31					
K1		17	15				
3MS2	18	14					
MNS2	8	23	1				
NLK2	21	9	2				
MU2	1	8	15	8			
N2		9	18	5			
NU2	4	23	4	1			
M2			5	9	14	4	
LABDA2	8	21	3				
2MN2	2	19	10	1			
S2		5	12	11	4		
K2	1	20	11				
MSN2	9	22	1				
2SM2	1	30	1				
SKM2	17	15					
2MK3	20	12					
MK3	2	30					
2MNS4	19	12	1				
3MS4	18	12	2				
MN4	1	24	6	1			
2MLS4	19	12	1				
M4	1	12	8	9	2		
3MN4	17	11	4				
MS4	1	16	10	4	1		
MK4	8	21	3				
2MSN4	21	11					
S4	9	23					
3MK5	18	14					
3MO5	18	14					
4MS6	19	13					
2MN6	2	23	7				
2MNU6	19	13					
M6	1	15	12	4			
2MS6	1	15	12	4			
2MK6	8	22	2				
3MSN6	18	14					
3MN8	17	15					
M8	15	15	2				
2MSN8	17	14	1				
3MS8	17	9	6				
2(MS)8	17	15					
4MS10	20	10	2				

TABEL 1: OVERZICHT VAN DE MAXIMALE VERSCHILLEN VOOR 47 GETIJ-KONSTANTEN IN 32 STATIONS, RUN=C03

STATION : J76-57
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.0			285.7			
17	Q1	.5	1.8	-1.3	303.3	261.5	41.8	1.5
20	O1	1.8	2.3	-.5	4.0	39.6	-35.6	1.3
24	M1C	.1			253.1			
33	P1	.8	.6	.2	150.1	149.6	.5	.2
35	K1	2.4	2.0	.4	163.1	165.8	-2.7	.5
48	3MS2	.3			356.4			
51	MNS2	.3			219.8			
54	NLK2	.4			57.7			
56	MU2	2.1	1.5	.6	253.0	277.4	-24.4	1.0
59	N2	3.2	4.7	-1.5	280.8	261.8	19.0	2.0
60	NU2	.2	.9	-.7	266.4	262.2	4.2	.7
65	M2	14.1	24.5	-10.4	290.1	286.1	4.0	10.5
70	LABDA2	.3			178.5			
71	2MN2	.6	1.0	-.4	21.7	93.7	-72.0	1.0
77	S2	8.2	9.9	-1.7	327.1	328.3	-1.2	1.7
79	K2	2.6	2.8	-.2	330.8	324.8	6.0	.3
80	MSN2	.1			98.3			
85	2SM2	.2	.2	.0	126.6	7.3	119.3	.4
86	SKM2	.1			111.6			
94	2MK3	.3			110.6			
98	MK3	.3	.1	.2	285.8	345.6	-59.8	.2
105	2MNS4	.1			7.7			
108	3MS4	.2			15.0			
110	MN4	1.0	.3	.7	271.0	215.0	56.0	.8
111	2MLS4	.2			73.6			
113	M4	2.4	1.1	1.3	301.7	260.2	41.5	1.7
116	3MN4	.2			158.9			
118	MS4	1.4	.9	.5	2.6	5.2	-2.6	.5
119	MK4	.5			9.0			
121	2MSN4	.1			209.2			
123	S4	.2			47.9			
129	3MK5	.1			75.9			
134	3MO5	.1			247.3			
140	4MS6	.3			285.6			
142	2MN6	.4	.7	-.3	52.9	45.3	7.6	.3
143	2MNU6	.1			133.4			
145	M6	.7	1.0	-.3	83.4	68.5	14.9	.4
151	2MS6	.6	1.1	-.5	108.6	122.3	-13.7	.5
152	2MK6	.2			100.5			
154	3MSN6	.1			341.2			
165	3MN8	.2			264.4			
167	M8	.2			299.9			
168	2MSN8	.2			338.5			
170	3MS8	.4			10.4			
174	2(MS)8	.2			84.9			
186	4MS10	.2			298.8			

BIJLAGE 1 bij TAAK 4.3
Projekt: Z262.00
Datum : 16 juni 1988

STATION : J76-56
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.1			108.1			
17	Q1	.9	2.1	-1.2	341.0	256.9	84.1	2.2
20	O1	2.8	3.9	-1.1	33.9	48.4	-14.5	1.4
24	M1C	.0			267.9			
33	P1	1.1	.8	.3	160.7	167.9	-7.2	.3
35	K1	3.6	2.5	1.1	178.3	184.0	-5.7	1.2
48	3MS2	.2			341.9			
51	MNS2	.3			200.1			
54	NLK2	.3			40.6			
56	MU2	2.2	1.8	.4	254.8	274.6	-19.8	.8
59	N2	5.8	6.3	-.5	300.4	285.3	15.1	1.7
60	NU2	.8	1.2	-.4	312.8	285.7	27.1	.6
65	M2	24.8	32.2	-7.4	318.6	308.9	9.7	8.8
70	LABDA2	.2			166.9			
71	2MN2	.2	.8	-.7	359.3	125.0	-125.7	.9
77	S2	11.5	12.5	-1.0	345.8	345.2	.6	1.0
79	K2	3.6	3.5	.1	349.7	341.7	8.0	.5
80	MSN2	.1			96.0			
85	2SM2	.2	.0	.2	121.1	357.6	123.5	.2
86	SKM2	.1			101.3			
94	2MK3	.3			110.3			
98	MK3	.3	.1	.2	284.5	249.0	35.5	.2
105	2MNS4	.1			13.1			
108	3MS4	.2			15.5			
110	MN4	.9	.4	.5	266.4	228.0	38.4	.6
111	2MLS4	.2			71.8			
113	M4	2.2	1.2	1.0	296.9	261.8	35.1	1.4
116	3MN4	.2			148.5			
118	MS4	1.3	1.0	.3	360.0	.2	-.2	.3
119	MK4	.4			7.3			
121	2MSN4	.1			204.9			
123	S4	.1			50.2			
129	3MK5	.1			97.5			
134	3MO5	.2			271.3			
140	4MS6	.1			202.1			
142	2MN6	.5	.4	.1	353.0	27.1	-34.1	.3
143	2MNU6	.1			31.7			
145	M6	1.0	.6	.4	24.8	48.5	-23.8	.5
151	2MS6	1.0	.7	.3	72.0	105.3	-33.3	.6
152	2MK6	.3			75.0			
154	3MSN6	.2			297.8			
165	3MN8	.1			220.4			
167	M8	.1			254.2			
168	2MSN8	.1			277.0			
170	3MS8	.1			308.1			
174	2(MS)8	.0			11.3			
186	4MS10	.4			243.0			

STATION : J76-55
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.1			114.0			
17	Q1	1.3	2.1	-.8	343.7	309.8	33.9	1.2
20	O1	3.9	6.6	-2.7	36.9	39.0	-2.1	2.7
24	M1C	.0			274.9			
33	P1	1.4	1.4	.0	159.0	172.9	-13.9	.3
35	K1	4.9	4.4	.5	177.5	189.1	-11.6	1.1
48	3MS2	.2			324.3			
51	MNS2	.3			184.2			
54	NLK2	.3			24.0			
56	MU2	2.4	2.2	.2	255.1	271.7	-16.6	.7
59	N2	8.3	10.1	-1.8	304.3	296.9	7.4	2.2
60	NU2	1.3	1.8	-.5	315.0	297.3	17.7	.7
65	M2	35.8	49.1	-13.3	324.9	318.4	6.5	14.1
70	LABDA2	.2			156.6			
71	2MN2	.2	1.3	-1.1	223.7	136.5	87.2	1.3
77	S2	15.1	18.0	-2.9	351.7	353.9	-2.2	2.9
79	K2	4.7	5.0	-.3	356.0	350.4	5.6	.6
80	MSN2	.1			103.2			
85	2SM2	.2	.4	-.2	115.8	37.7	78.1	.4
86	SKM2	.1			105.8			
94	2MK3	.3			114.1			
98	MK3	.3	.2	.1	289.5	39.8	-110.3	.4
105	2MNS4	.1			11.8			
108	3MS4	.2			23.4			
110	MN4	.6	.7	-.1	261.2	241.5	19.7	.2
111	2MLS4	.2			65.3			
113	M4	1.6	1.3	.3	290.5	275.5	15.0	.5
116	3MN4	.2			138.3			
118	MS4	.9	.9	.0	355.8	6.8	-11.0	.2
119	MK4	.3			2.4			
121	2MSN4	.1			201.1			
123	S4	.1			57.4			
129	3MK5	.1			101.2			
134	3MO5	.2			277.7			
140	4MS6	.4			128.3			
142	2MN6	.8	.5	.3	301.8	227.7	74.1	.8
143	2MNU6	.3			339.0			
145	M6	1.5	.7	.8	336.2	240.5	95.7	1.7
151	2MS6	1.1	.9	.2	28.1	281.9	106.2	1.6
152	2MK6	.3			37.8			
154	3MSN6	.3			253.9			
165	3MN8	.3			173.0			
167	M8	.3			199.8			
168	2MSN8	.2			207.1			
170	3MS8	.5			244.0			
174	2(MS)8	.3			302.3			
186	4MS10	.4			213.8			

STATION : J76-54
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.2			94.0			
17	Q1	2.1	3.2	-1.1	339.1	316.5	22.6	1.5
20	O1	6.1	9.1	-3.0	32.3	37.4	-5.1	3.1
24	M1C	.1			237.1			
33	P1	2.3	2.1	.2	156.6	173.0	-16.4	.6
35	K1	8.1	6.6	1.5	176.2	189.2	-13.0	2.2
48	3MS2	.3			302.1			
51	MNS2	.3			146.3			
54	NLK2	.3			350.8			
56	MU2	3.2	2.6	.6	252.2	275.6	-23.4	1.3
59	N2	14.3	13.7	.6	303.9	301.2	2.7	.9
60	NU2	2.5	2.5	.0	313.2	301.6	11.6	.5
65	M2	62.4	66.6	-4.2	326.1	323.3	2.8	5.3
70	LABDA2	.2			150.9			
71	2MN2	.7	1.7	-1.0	197.9	145.3	52.6	1.4
77	S2	24.6	23.8	.8	354.4	359.7	-5.3	2.4
79	K2	7.5	6.6	.9	358.9	356.2	2.7	1.0
80	MSN2	.2			105.7			
85	2SM2	.2	.5	-.3	121.4	56.4	65.0	.5
86	SKM2	.1			105.1			
94	2MK3	.4			120.9			
98	MK3	.4	.2	.2	297.1	48.1	-111.0	.5
105	2MNS4	.0			44.0			
108	3MS4	.1			32.8			
110	MN4	.1	.8	-.7	53.4	252.2	161.2	.9
111	2MLS4	.0			41.0			
113	M4	.0	1.5	-1.5	146.5	295.1	-148.5	1.5
116	3MN4	.1			112.8			
118	MS4	.2	.9	-.7	99.5	29.3	70.2	.9
119	MK4	.1			118.1			
121	2MSN4	.1			209.5			
123	S4	.1			187.4			
129	3MK5	.1			104.9			
134	3MO5	.1			274.0			
140	4MS6	.4			94.6			
142	2MN6	.7	.5	.2	236.3	212.0	24.3	.3
143	2MNU6	.2			294.0			
145	M6	1.2	.8	.4	263.9	218.7	45.2	.9
151	2MS6	1.2	1.0	.2	290.0	266.6	23.4	.5
152	2MK6	.3			287.9			
154	3MSN6	.3			157.8			
165	3MN8	.1			99.4			
167	M8	.1			143.5			
168	2MSN8	.0			77.7			
170	3MS8	.1			177.6			
174	2(MS)8	.0			169.2			
186	4MS10	.5			40.6			

STATION : J76-53
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.0			205.2			
17	Q1	2.7	3.9	-1.2	337.1	325.6	11.5	1.4
20	O1	7.7	9.9	-2.2	29.4	31.7	-2.3	2.2
24	M1C	.1			237.3			
33	P1	2.8	2.4	.4	159.4	169.9	-10.5	.6
35	K1	10.1	7.8	2.3	178.1	186.0	-7.9	2.6
48	3MS2	.4			285.6			
51	MNS2	.4			136.0			
54	NLK2	.4			339.5			
56	MU2	3.8	2.6	1.2	258.0	295.1	-37.1	2.3
59	N2	19.8	15.7	4.1	308.6	304.3	4.3	4.3
60	NU2	3.5	2.9	.6	316.4	304.7	11.7	.9
65	M2	86.8	75.9	10.9	331.2	325.9	5.3	13.2
70	LABDA2	.2			156.4			
71	2MN2	1.2	1.9	-.8	198.3	138.8	59.5	1.7
77	S2	33.5	26.8	6.7	.8	3.7	-2.9	6.9
79	K2	10.3	7.4	2.9	5.2	.2	5.0	3.0
80	MSN2	.2			103.6			
85	2SM2	.4	.7	-.3	120.9	64.5	56.4	.6
86	SKM2	.2			113.7			
94	2MK3	.5			128.0			
98	MK3	.4	.3	.1	308.4	55.3	-106.9	.6
105	2MNS4	.1			112.1			
108	3MS4	.1			99.3			
110	MN4	.4	1.0	-.6	88.6	272.5	176.1	1.4
111	2MLS4	.1			250.0			
113	M4	.8	1.9	-1.1	127.6	308.1	179.5	2.7
116	3MN4	.1			120.7			
118	MS4	.6	1.0	-.4	176.6	47.2	129.4	1.5
119	MK4	.2			177.6			
121	2MSN4	.1			241.7			
123	S4	.2			230.6			
129	3MK5	.0			301.3			
134	3MO5	.1			162.8			
140	4MS6	.3			38.9			
142	2MN6	.7	.4	.3	170.0	173.0	-3.0	.3
143	2MNU6	.2			227.7			
145	M6	1.2	.7	.5	199.1	173.0	26.1	.7
151	2MS6	1.4	.8	.6	238.2	216.0	22.2	.7
152	2MK6	.4			243.0			
154	3MSN6	.3			110.2			
165	3MN8	.3			42.7			
167	M8	.3			78.6			
168	2MSN8	.1			88.1			
170	3MS8	.3			143.3			
174	2(MS)8	.1			151.9			
186	4MS10	.5			261.0			

STATION : WICK
OBSERVED : 59 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.0	11.8	-11.8	252.2	246.2	6.0	11.8
17	Q1	2.9	4.2	-1.3	336.0	329.7	6.3	1.4
20	O1	8.2	11.5	-3.3	28.4	27.8	.6	3.3
24	M1C	.1			237.9			
33	P1	3.0	3.4	-.4	160.1	161.4	-1.3	.4
35	K1	10.8	10.6	.2	177.9	175.3	2.6	.5
48	3MS2	.5			276.3			
51	MNS2	.5	.3	.2	104.9	279.6	-174.7	.8
54	NLK2	.4			304.8			
56	MU2	3.3	2.0	1.3	259.6	313.6	-54.0	2.6
59	N2	21.3	19.8	1.5	307.4	300.6	6.8	2.9
60	NU2	4.0	4.5	-.5	314.2	304.2	10.0	.9
65	M2	94.4	101.1	-6.7	329.3	322.2	7.0	13.7
70	LABDA2	.2	1.7	-1.5	250.5	303.8	-53.3	1.6
71	2MN2	1.4	1.8	-.3	179.4	154.4	24.9	.8
77	S2	35.9	34.9	1.0	359.8	359.6	.2	1.0
79	K2	11.1	10.0	1.1	4.6	359.3	5.3	1.5
80	MSN2	.4	.5	-.1	120.8	129.3	-8.5	.1
85	2SM2	.5	.7	-.2	135.1	140.3	-5.2	.2
86	SKM2	.3			122.1			
94	2MK3	.5			133.0			
98	MK3	.5	.2	.3	312.1	47.7	-95.6	.6
105	2MNS4	.2			129.3			
108	3MS4	.2			144.8			
110	MN4	.4	1.3	-.9	72.0	272.6	159.4	1.7
111	2MLS4	.1			225.1			
113	M4	.9	3.8	-2.9	108.7	326.6	142.1	4.5
116	3MN4	.1			190.4			
118	MS4	.6	2.2	-1.6	177.1	59.6	117.5	2.5
119	MK4	.2	.7	-.5	180.5	59.5	121.0	.8
121	2MSN4	.1			256.9			
123	S4	.2	.1	.1	238.9	227.6	11.3	.1
129	3MK5	.1			294.1			
134	3MO5	.2			132.2			
140	4MS6	.4			21.3			
142	2MN6	.9			157.9			
143	2MNU6	.3			216.9			
145	M6	1.7	.7	1.0	188.8	227.0	-38.2	1.2
151	2MS6	1.8	.7	1.1	230.0	263.2	-33.2	1.3
152	2MK6	.5	.2	.3	238.3	286.3	-48.0	.4
154	3MSN6	.4			110.1			
165	3MN8	.4			35.7			
167	M8	.3			72.5			
168	2MSN8	.1			73.7			
170	3MS8	.3			134.3			
174	2(MS)8	.1			111.9			
186	4MS10	1.2			248.6			

STATION : ABERDEEN
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.0	7.1	-7.1	262.8	230.1	32.7	7.1
17	Q1	3.2	4.5	-1.3	358.8	358.9	-.1	1.3
20	O1	9.2	12.8	-3.6	52.1	50.0	2.1	3.7
24	M1C	.1	.2	-.1	266.3	152.3	114.0	.3
33	P1	3.3	3.6	-.3	184.7	187.2	-2.5	.4
35	K1	11.7	11.2	.5	203.1	204.4	-1.3	.6
48	3MS2	.8			331.1			
51	MNS2	1.2	.4	.8	169.4	279.5	-110.1	1.4
54	NLK2	1.1			3.9			
56	MU2	4.1	2.1	2.0	284.7	317.4	-32.7	2.6
59	N2	27.5	26.2	1.3	4.2	.4	3.8	2.2
60	NU2	5.4			15.0			
65	M2	125.1	130.4	-5.3	29.4	23.4	6.0	14.3
70	LABDA2	.6	1.6	-1.0	85.0	39.3	45.7	1.3
71	2MN2	3.1	3.6	-.5	261.4	233.8	27.6	1.7
77	S2	45.2	44.6	.6	60.8	61.0	-.2	.6
79	K2	13.9	12.8	1.1	66.4	58.8	7.6	2.1
80	MSN2	.3			248.7			
85	2SM2	.2	.5	-.3	239.9	247.7	-7.8	.3
86	SKM2	.2	.5	-.3	245.2	256.2	-11.0	.4
94	2MK3	.1			51.2			
98	MK3	.2	.9	-.7	115.0	133.3	-18.3	.7
105	2MNS4	.3			225.1			
108	3MS4	.5			238.6			
110	MN4	1.0	.7	.3	142.1	151.0	-8.9	.3
111	2MLS4	.3			292.9			
113	M4	3.0	3.0	.0	174.0	170.5	3.5	.2
116	3MN4	.4			7.1			
118	MS4	2.2	2.8	-.6	250.5	245.4	5.1	.6
119	MK4	.7	.9	-.2	256.0	244.5	11.5	.3
121	2MSN4	.3			81.5			
123	S4	.2	.4	-.2	331.4	357.6	-26.2	.2
129	3MK5	.1			255.3			
134	3MO5	.2			66.5			
140	4MS6	.8			283.6			
142	2MN6	1.2	.4	.8	117.7	80.7	37.0	.9
143	2MNU6	.6			143.8			
145	M6	2.2	.7	1.5	158.7	108.4	50.3	1.8
151	2MS6	1.5	.6	.9	225.8	173.9	51.9	1.2
152	2MK6	.4	.1	.3	241.2	170.7	70.5	.4
154	3MSN6	.4			95.6			
165	3MN8	.2			23.3			
167	M8	.2			69.7			
168	2MSN8	.1			130.0			
170	3MS8	.2			114.8			
174	2(MS)8	.1			309.7			
186	4MS10	.1			41.8			

STATION : NORTH SHIELDS
OBSERVED : 59 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.0	8.0	-8.0	309.5	220.0	89.5	8.0
17	Q1	3.6	3.7	-.1	25.8	38.5	-12.7	.8
20	O1	10.3	13.7	-3.4	81.0	80.7	.3	3.4
24	M1C	.1			292.1			
33	P1	3.6	3.9	-.3	216.1	220.2	-4.1	.4
35	K1	13.0	11.2	1.8	234.4	240.1	-5.7	2.2
48	3MS2	.8			16.8			
51	MNS2	1.5	.4	1.1	217.0	234.9	-17.9	1.1
54	NLK2	1.4			47.9			
56	MU2	3.6	.9	2.7	340.1	18.8	-38.7	3.0
59	N2	33.1	31.5	1.6	63.3	65.1	-1.9	1.9
60	NU2	6.7	6.4	.3	71.8	70.9	.9	.3
65	M2	154.0	158.1	-4.1	89.1	89.0	.1	4.1
70	LABDA2	1.0	2.4	-1.4	125.6	103.6	22.0	1.5
71	2MN2	4.3	6.7	-2.3	313.1	305.2	7.9	2.5
77	S2	54.9	53.2	1.7	124.6	130.4	-5.8	5.7
79	K2	17.0	15.6	1.4	130.5	130.9	-.4	1.4
80	MSN2	.5	.9	-.4	323.9	324.8	-.9	.4
85	2SM2	.6	.5	.1	335.7	339.7	-4.0	.1
86	SKM2	.3			324.1			
94	2MK3	.4			29.6			
98	MK3	.7	1.0	-.3	196.2	245.7	-49.5	.8
105	2MNS4	.1			248.3			
108	3MS4	.3			342.9			
110	MN4	1.4	1.6	-.2	57.5	84.1	-26.6	.7
111	2MLS4	.3			250.2			
113	M4	3.3	2.7	.6	81.5	113.6	-32.1	1.8
116	3MN4	.1			30.2			
118	MS4	2.8	2.0	.8	111.6	106.6	5.0	.8
119	MK4	.9	.5	.4	117.4	118.5	-1.1	.4
121	2MSN4	.1			270.0			
123	S4	.5	.9	-.4	161.2	160.6	.6	.4
129	3MK5	.0			88.5			
134	3MO5	.1			232.2			
140	4MS6	.3			49.6			
142	2MN6	.6	.9	-.3	40.2	8.8	31.4	.5
143	2MNU6	.1			317.0			
145	M6	1.0	1.3	-.3	63.1	45.9	17.2	.5
151	2MS6	1.0	1.2	-.2	124.4	89.2	35.2	.7
152	2MK6	.3	.4	-.1	134.4	104.5	29.9	.2
154	3MSN6	.1			347.2			
165	3MN8	.2			267.0			
167	M8	.2			285.2			
168	2MSN8	.1			301.2			
170	3MS8	.4			335.8			
174	2(MS)8	.2			40.8			
186	4MS10	.2			275.0			

STATION : SCARBOROUGH
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.1	10.4	-10.3	92.3	221.9	-129.6	10.5
17	Q1	3.9	4.8	-.9	35.8	34.6	1.2	.9
20	O1	11.3	14.7	-3.4	91.5	88.0	3.5	3.5
24	M1C	.1	.9	-.8	313.1	80.6	-127.6	1.0
33	P1	3.9	3.9	.0	227.8	241.2	-13.4	.9
35	K1	14.2	12.3	1.9	246.2	254.3	-8.1	2.6
48	3MS2	.8			36.4			
51	MNS2	1.6	.2	1.4	236.8	61.3	175.5	1.8
54	NLK2	1.5			66.4			
56	MU2	3.4	1.6	1.8	11.2	56.3	-45.1	2.6
59	N2	35.0	33.0	2.0	87.1	86.4	.6	2.0
60	NU2	6.9	6.6	.3	94.2	84.5	9.7	1.2
65	M2	163.2	170.8	-7.6	112.9	110.7	2.2	9.9
70	LABDA2	1.1	2.4	-1.3	140.6	100.2	40.4	1.7
71	2MN2	4.5	5.2	-.7	332.2	317.8	14.3	1.4
77	S2	58.5	57.5	1.0	150.2	153.1	-2.9	3.1
79	K2	18.2	16.1	2.1	155.8	153.2	2.6	2.2
80	MSN2	.7	1.1	-.4	346.3	352.5	-6.1	.4
85	2SM2	.8	2.0	-1.2	358.2	348.9	9.3	1.2
86	SKM2	.4			350.9			
94	2MK3	.3			31.9			
98	MK3	.5	1.3	-.8	227.0	289.9	-63.0	1.2
105	2MNS4	.1			122.0			
108	3MS4	.3			76.5			
110	MN4	1.6	1.5	.1	61.3	85.2	-23.9	.7
111	2MLS4	.3			234.4			
113	M4	4.2	3.4	.8	84.9	94.1	-9.2	1.0
116	3MN4	.1			251.2			
118	MS4	3.6	3.3	.3	132.2	119.7	12.5	.8
119	MK4	1.1	.9	.2	139.0	133.2	5.8	.2
121	2MSN4	.3			301.3			
123	S4	.6	.6	.0	191.0	183.4	7.6	.1
129	3MK5	.2			111.0			
134	3MO5	.4			270.4			
140	4MS6	.4			197.0			
142	2MN6	.8	.2	.6	50.2	271.6	138.6	1.0
143	2MNU6	.4			68.2			
145	M6	1.5	.5	1.0	82.6	321.5	121.1	1.8
151	2MS6	1.4	.8	.6	137.4	30.5	106.9	1.8
152	2MK6	.4	.2	.2	159.2	41.7	117.6	.6
154	3MSN6	.3			359.5			
165	3MN8	.4			28.9			
167	M8	.4			70.1			
168	2MSN8	.2			110.3			
170	3MS8	.5			121.0			
174	2(MS)8	.1			182.9			
186	4MS10	.2			225.6			

STATION : CROMER
OBSERVED : 34 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.0			152.5			
17	Q1	4.1	6.1	-1.9	73.7	54.1	19.6	2.6
20	O1	12.6	14.6	-2.0	131.4	133.2	-1.8	2.1
24	M1C	.2	.1	.2	344.5	21.3	-36.9	.2
33	P1	4.7	3.7	1.0	272.3	291.5	-19.2	1.7
35	K1	15.5	13.8	1.7	288.9	306.3	-17.4	4.7
48	3MS2	.5			141.9			
51	MNS2	1.9			293.7			
54	NLK2	1.5			121.8			
56	MU2	2.8	3.1	-.3	109.7	307.7	162.0	5.7
59	N2	33.4	30.6	2.8	161.6	165.5	-3.9	3.6
60	NU2	6.1	7.0	-.9	168.7	122.4	46.3	5.2
65	M2	155.9	154.1	1.8	186.5	187.5	-1.0	3.2
70	LABDA2	1.7			183.2			
71	2MN2	4.1	6.6	-2.5	26.8	50.2	-23.4	3.2
77	S2	57.6	52.9	4.7	227.5	233.2	-5.7	7.2
79	K2	17.6	14.9	2.8	233.6	229.8	3.8	3.0
80	MSN2	1.5			43.5			
85	2SM2	1.8	2.4	-.5	54.7	58.6	-3.9	.6
86	SKM2	.9			48.1			
94	2MK3	1.4			255.7			
98	MK3	1.8	2.7	-.8	41.7	83.9	-42.2	1.8
105	2MNS4	.2			62.7			
108	3MS4	.4			224.8			
110	MN4	3.5	3.8	-.2	266.2	246.6	19.6	1.3
111	2MLS4	.6			85.9			
113	M4	8.7	8.6	.1	288.8	277.9	10.9	1.6
116	3MN4	.2			146.3			
118	MS4	7.0	8.7	-1.7	332.4	310.3	22.1	3.5
119	MK4	2.2			340.6			
121	2MSN4	.5			156.6			
123	S4	1.0			23.9			
129	3MK5	.6			284.5			
134	3MO5	1.2			95.9			
140	4MS6	.9			115.9			
142	2MN6	2.5	1.2	1.4	321.2	354.5	-33.3	1.7
143	2MNU6	1.0			332.1			
145	M6	4.6	2.4	2.2	350.1	35.4	-45.4	3.4
151	2MS6	4.4	2.8	1.6	38.5	63.4	-24.9	2.2
152	2MK6	1.5			48.7			
154	3MSN6	.9			257.8			
165	3MN8	.7			79.2			
167	M8	.9			107.7			
168	2MSN8	.6			132.7			
170	3MS8	1.2			160.0			
174	2(MS)8	.5			200.1			
186	4MS10	1.4			216.6			

STATION : DOVER
OBSERVED : 87 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.3	5.7	-5.4	269.8	232.0	37.8	5.5
17	Q1	2.2	2.0	.2	107.8	123.3	-15.5	.6
20	O1	5.7	4.8	.9	161.7	174.8	-13.1	1.5
24	M1C	.4			37.5			
33	P1	1.8	2.1	-.2	334.4	8.2	-33.8	1.1
35	K1	5.5	4.9	.6	5.9	42.7	-36.8	3.3
48	3MS2	1.7	1.7	.1	213.3	195.7	17.6	.5
51	MNS2	4.3	2.2	2.1	63.7	27.6	36.1	2.9
54	NLK2	4.1			249.5			
56	MU2	10.9	9.3	1.7	60.6	51.8	8.8	2.3
59	N2	41.6	40.3	1.3	312.8	309.0	3.8	3.0
60	NU2	9.8	9.7	.2	306.4	299.6	6.8	1.2
65	M2	220.4	224.9	-4.4	335.2	331.9	3.3	13.6
70	LABDA2	4.7	6.0	-1.2	329.5	333.3	-3.8	1.3
71	2MN2	12.4	14.5	-2.1	165.3	157.6	7.7	2.8
77	S2	70.0	71.0	-.9	25.7	23.5	2.2	2.8
79	K2	20.8	21.1	-.3	27.2	23.7	3.5	1.3
80	MSN2	3.2	3.1	.1	209.3	199.0	10.3	.6
85	2SM2	4.0	4.7	-.7	222.0	224.0	-2.0	.7
86	SKM2	1.9	2.7	-.8	209.9	213.0	-3.1	.8
94	2MK3	.2			216.5			
98	MK3	1.3	1.4	-.1	9.9	3.2	6.7	.2
105	2MNS4	1.2			321.8			
108	3MS4	2.1	2.7	-.6	316.3	295.0	21.3	1.1
110	MN4	7.5	9.3	-1.8	219.1	196.0	23.1	3.8
111	2MLS4	1.8	2.2	-.3	16.5	.9	15.6	.6
113	M4	19.7	26.4	-6.7	242.1	221.0	21.1	10.7
116	3MN4	1.8	4.1	-2.3	74.9	40.0	34.9	2.8
118	MS4	12.8	17.4	-4.6	293.0	273.3	19.7	6.9
119	MK4	3.7	5.3	-1.7	293.0	274.0	19.0	2.2
121	2MSN4	1.4			117.3			
123	S4	1.4	1.6	-.2	.5	357.2	3.3	.2
129	3MK5	1.3	1.2	.1	197.4	188.7	8.7	.2
134	3MO5	1.5	.8	.7	338.5	335.7	2.8	.7
140	4MS6	2.3	.9	1.5	212.2	196.4	15.8	1.5
142	2MN6	5.1	3.6	1.5	104.8	80.2	24.6	2.3
143	2MNU6	1.8	1.2	.6	84.0	54.2	29.8	.9
145	M6	9.2	6.6	2.7	129.6	105.9	23.7	4.2
151	2MS6	8.9	6.5	2.3	175.7	150.2	25.5	4.1
152	2MK6	2.6	2.0	.7	172.3	155.6	16.7	.9
154	3MSN6	1.9	1.5	.4	2.8	344.3	18.5	.7
165	3MN8	1.2	1.3	-.1	37.1	343.6	53.5	1.1
167	M8	1.6	1.7	-.2	67.1	18.8	48.3	1.4
168	2MSN8	1.0	.9	.1	94.8	36.5	58.3	1.0
170	3MS8	2.0	2.4	-.4	109.0	60.9	48.1	1.9
174	2(MS)8	.8	.9	-.1	164.4	116.8	47.6	.7
186	4MS10	1.2	.2	.9	18.9	347.8	31.1	1.0

STATION : CHERBOURG
OBSERVED : 15 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.2			89.7			
17	Q1	2.0			335.8			
20	O1	7.5	6.4	1.1	20.2	354.0	26.2	3.3
24	M1C	.3			37.2			
33	P1	2.7			118.0			
35	K1	8.1	9.1	-1.0	115.1	106.0	9.1	1.7
48	3MS2	.6			53.8			
51	MNS2	.4			317.2			
54	NLK2	.7			109.8			
56	MU2	8.0	5.7	2.3	274.9	195.0	79.9	9.0
59	N2	33.6	36.5	-2.9	226.2	217.0	9.2	6.3
60	NU2	6.6			212.2			
65	M2	171.9	187.0	-15.1	245.2	230.0	15.2	49.8
70	LABDA2	1.3			214.8			
71	2MN2	7.4			65.3			
77	S2	61.0	69.0	-8.0	289.2	273.0	16.2	19.9
79	K2	16.7			284.2			
80	MSN2	1.0	2.7	-1.7	107.1	180.0	-72.9	2.6
85	2SM2	1.6	1.8	-.2	121.6	105.0	16.6	.5
86	SKM2	.7			105.5			
94	2MK3	.4			287.7			
98	MK3	.2			83.0			
105	2MNS4	.5			132.5			
108	3MS4	.5			130.1			
110	MN4	3.7	4.5	-.8	349.4	334.0	15.4	1.3
111	2MLS4	1.0			158.6			
113	M4	9.7	15.6	-5.9	14.9	353.0	21.9	7.5
116	3MN4	.8			229.0			
118	MS4	5.7	7.8	-2.1	61.6	49.0	12.6	2.6
119	MK4	1.6			65.9			
121	2MSN4	.5			284.6			
123	S4	.6			80.6			
129	3MK5	.2			300.0			
134	3MO5	.1			67.0			
140	4MS6	.1			93.2			
142	2MN6	1.2	1.6	-.4	132.8	152.6	-19.8	.6
143	2MNU6	.2			133.0			
145	M6	2.0	2.5	-.5	158.9	101.0	57.9	2.2
151	2MS6	1.9	2.7	-.8	194.3	135.0	59.3	2.4
152	2MK6	.5			188.6			
154	3MSN6	.2			46.3			
165	3MN8	.6			250.7			
167	M8	.8			279.9			
168	2MSN8	.5			303.3			
170	3MS8	1.1			324.7			
174	2(MS)8	.4			12.3			
186	4MS10	.5			114.5			

STATION : DIEPPE
OBSERVED : 84 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.2	9.1	-9.0	255.1	231.5	23.7	9.0
17	Q1	1.9	.9	1.0	13.0	334.2	38.8	1.3
20	O1	7.1	4.2	2.9	53.6	25.4	28.3	3.9
24	M1C	.4			46.7			
33	P1	2.2	3.5	-1.3	143.4	113.5	29.9	1.9
35	K1	6.9	7.9	-1.0	134.9	120.5	14.5	2.1
48	3MS2	1.7	2.2	-.5	140.6	135.4	5.1	.5
51	MNS2	4.2	3.9	.3	33.3	8.3	25.0	1.8
54	NLK2	3.9			208.1			
56	MU2	18.4	12.3	6.0	6.5	13.0	-6.5	6.3
59	N2	57.7	57.6	.2	293.2	290.8	2.4	2.4
60	NU2	12.1	14.7	-2.6	276.2	275.6	.6	2.6
65	M2	304.1	310.1	-6.1	311.9	311.7	.2	6.2
70	LABDA2	5.5	9.7	-4.3	296.3	316.1	-19.8	4.9
71	2MN2	16.9	20.2	-3.2	130.5	132.4	-1.9	3.3
77	S2	102.5	103.1	-.7	3.8	2.5	1.3	2.5
79	K2	28.3	30.9	-2.6	.6	.0	.6	2.6
80	MSN2	4.0	4.0	.0	185.2	169.9	15.3	1.1
85	2SM2	5.6	6.9	-1.4	195.7	205.4	-9.7	1.7
86	SKM2	2.5	3.8	-1.4	181.5	185.3	-3.8	1.4
94	2MK3	1.2			291.4			
98	MK3	1.6	1.5	.0	32.5	36.9	-4.3	.1
105	2MNS4	1.1	1.4	-.3	274.0	231.0	43.1	.9
108	3MS4	1.9	2.7	-.8	263.1	254.5	8.6	.8
110	MN4	7.9	9.4	-1.5	163.9	161.5	2.4	1.6
111	2MLS4	2.0	2.4	-.3	322.2	315.8	6.3	.4
113	M4	21.0	26.2	-5.2	187.3	186.0	1.3	5.2
116	3MN4	1.9	4.3	-2.4	23.5	358.8	24.7	2.7
118	MS4	13.2	18.7	-5.5	237.8	241.2	-3.4	5.6
119	MK4	3.7	4.9	-1.2	239.3	234.8	4.4	1.3
121	2MSN4	1.3			75.1			
123	S4	1.3	1.6	-.3	287.5	325.6	-38.1	1.0
129	3MK5	.3	.4	-.1	85.7	111.0	-25.2	.2
134	3MO5	.3	.5	-.2	206.6	232.6	-26.0	.2
140	4MS6	1.1	.8	.4	22.6	357.3	25.3	.6
142	2MN6	3.3	1.7	1.6	310.9	286.6	24.3	1.9
143	2MNU6	.8	.6	.2	283.5	222.8	60.7	.7
145	M6	5.7	3.2	2.5	334.4	305.3	29.1	3.3
151	2MS6	5.8	3.0	2.8	15.2	348.1	27.1	3.4
152	2MK6	1.6	1.0	.6	10.3	342.6	27.7	.9
154	3MSN6	.9	.8	.1	182.8	173.0	9.8	.2
165	3MN8	2.8	2.5	.3	175.1	158.5	16.6	.8
167	M8	3.9	3.3	.6	206.1	197.5	8.7	.8
168	2MSN8	2.7	1.8	.9	238.5	216.5	22.0	1.2
170	3MS8	5.7	4.5	1.2	256.0	239.3	16.7	1.9
174	2(MS)8	2.2	1.8	.3	314.0	290.7	23.3	.9
186	4MS10	.8			197.4			

STATION : BOULOGNE
OBSERVED : 84 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.3	4.5	-4.2	264.3	265.2	-.8	4.2
17	Q1	1.8	.6	1.2	37.8	55.8	-18.0	1.2
20	O1	6.0	2.9	3.1	76.0	70.0	6.1	3.1
24	M1C	.4			47.6			
33	P1	1.3	1.2	.2	158.0	114.0	44.0	1.0
35	K1	4.3	4.7	-.4	137.9	126.2	11.8	1.0
48	3MS2	1.7	1.5	.2	165.6	218.1	-52.5	1.4
51	MNS2	4.5	3.1	1.4	47.9	36.5	11.4	1.6
54	NLK2	4.2			226.9			
56	MU2	17.1	10.4	6.7	25.6	30.1	-4.5	6.7
59	N2	56.5	51.6	4.9	306.9	303.5	3.5	5.9
60	NU2	12.1	10.5	1.6	292.5	301.0	-8.5	2.3
65	M2	297.9	295.1	2.9	326.7	329.0	-2.4	12.6
70	LABDA2	5.6	7.1	-1.5	312.5	328.3	-15.9	2.3
71	2MN2	16.6	16.5	.1	147.6	163.0	-15.3	4.4
77	S2	99.7	96.1	3.6	18.7	21.1	-2.4	5.5
79	K2	28.0	28.8	-.7	16.7	21.9	-5.2	2.7
80	MSN2	4.1	3.8	.3	199.0	198.5	.6	.3
85	2SM2	5.5	6.9	-1.4	211.0	217.5	-6.5	1.5
86	SKM2	2.5	3.2	-.7	197.5	219.0	-21.6	1.3
94	2MK3	.7			282.2			
98	MK3	1.7	1.3	.5	26.1	28.0	-1.9	.5
105	2MNS4	1.6	1.8	-.2	301.4	262.6	38.8	1.1
108	3MS4	2.9	3.9	-1.0	293.2	289.0	4.1	1.1
110	MN4	10.2	11.1	-.9	199.4	188.4	11.0	2.2
111	2MLS4	2.6	2.4	.1	355.2	1.0	-5.8	.3
113	M4	27.2	34.5	-7.4	222.3	218.2	4.0	7.7
116	3MN4	2.5	5.2	-2.7	53.1	41.7	11.4	2.8
118	MS4	17.6	23.8	-6.2	274.4	271.5	2.9	6.2
119	MK4	5.0	7.2	-2.2	274.3	277.7	-3.4	2.2
121	2MSN4	1.8			102.0			
123	S4	1.8	2.5	-.6	337.8	8.7	-30.9	1.3
129	3MK5	.7	1.0	-.2	146.0	167.2	-21.2	.4
134	3MO5	.8	.7	.1	265.0	294.3	-29.3	.4
140	4MS6	1.0	.9	.2	149.0	159.8	-10.8	.2
142	2MN6	4.2	3.8	.5	53.2	57.0	-3.8	.5
143	2MNU6	1.0	.9	.1	39.6	39.6	.0	.1
145	M6	7.5	6.9	.5	77.7	86.7	-9.0	1.2
151	2MS6	7.4	7.4	.0	122.2	131.4	-9.2	1.2
152	2MK6	2.0	2.3	-.3	121.9	141.4	-19.6	.8
154	3MSN6	1.2	1.4	-.1	315.4	334.7	-19.2	.5
165	3MN8	1.1	1.8	-.8	301.0	302.8	-1.8	.8
167	M8	1.4	2.5	-1.1	329.5	346.6	-17.1	1.2
168	2MSN8	1.0	1.5	-.5	353.5	3.3	-9.8	.5
170	3MS8	1.9	3.8	-2.0	14.0	26.9	-12.9	2.1
174	2(MS)8	.7	1.6	-.9	63.3	86.9	-23.7	1.0
186	4MS10	1.6			184.6			

STATION : DUINKERKEN
OBSERVED : 40 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.5	6.4	-5.9	272.0	211.5	60.5	6.2
17	Q1	2.7	2.8	-.1	107.0	111.0	-4.0	.2
20	O1	7.7	7.8	-.1	160.8	162.7	-1.9	.3
24	M1C	.3			37.4			
33	P1	2.6	2.1	.5	313.8	333.7	-19.8	1.0
35	K1	6.4	4.1	2.3	343.8	360.3	-16.6	2.7
48	3MS2	2.5			231.9			
51	MNS2	4.3	2.4	1.9	83.4	82.7	.7	1.9
54	NLK2	4.3			267.1			
56	MU2	12.8	9.7	3.1	95.7	91.6	4.1	3.2
59	N2	36.1	36.1	.0	324.9	329.7	-4.8	3.0
60	NU2	10.0			319.8			
65	M2	200.4	210.5	-10.1	349.3	353.1	-3.8	16.9
70	LABDA2	4.7	5.7	-1.0	352.3	360.7	-8.4	1.3
71	2MN2	12.9	10.5	2.4	186.9	198.1	-11.2	3.3
77	S2	58.7	62.5	-3.8	39.0	45.3	-6.3	7.7
79	K2	18.5	17.9	.6	40.6	46.9	-6.4	2.1
80	MSN2	2.8			233.6			
85	2SM2	3.7	4.3	-.6	249.3	263.4	-14.1	1.2
86	SKM2	1.8			233.7			
94	2MK3	1.6	2.3	-.7	81.4	62.9	18.5	.9
98	MK3	.9	1.1	-.2	227.7	214.3	13.4	.3
105	2MNS4	.9			15.7			
108	3MS4	1.7			25.9			
110	MN4	3.9	4.9	-1.0	263.8	256.5	7.3	1.1
111	2MLS4	1.3			63.2			
113	M4	10.9	15.2	-4.3	288.5	278.2	10.3	4.9
116	3MN4	1.4	1.7	-.3	132.0	104.5	27.5	.8
118	MS4	6.1	8.8	-2.7	340.7	335.7	5.0	2.8
119	MK4	1.8	2.9	-1.1	340.7	337.6	3.1	1.1
121	2MSN4	.8			180.0			
123	S4	.4			42.4			
129	3MK5	1.1			244.1			
134	3MO5	1.7			29.6			
140	4MS6	1.8			273.1			
142	2MN6	3.4	1.8	1.6	190.6	196.3	-5.7	1.6
143	2MNU6	1.1			144.6			
145	M6	6.3	3.3	3.0	215.0	213.1	1.9	3.0
151	2MS6	5.8	3.4	2.4	267.5	266.0	1.6	2.4
152	2MK6	1.5	1.1	.4	257.4	261.0	-3.6	.4
154	3MSN6	1.1			88.8			
165	3MN8	2.4	2.0	.4	134.9	126.3	8.6	.5
167	M8	3.3	2.4	.9	165.0	153.4	11.6	1.1
168	2MSN8	2.2	1.6	.6	194.9	180.2	14.7	.8
170	3MS8	4.5	2.9	1.6	212.6	204.4	8.2	1.7
174	2(MS)8	1.8	1.2	.6	269.6	254.2	15.4	.7
186	4MS10	1.9			140.7			

STATION : NIEUWPOORT
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.5	7.3	-6.8	272.2	232.9	39.3	6.9
17	Q1	2.7	4.1	-1.4	106.3	107.9	-1.6	1.4
20	O1	8.0	9.7	-1.7	160.5	160.9	-.4	1.7
24	M1C	.3			36.6			
33	P1	2.7	3.2	-.5	312.1	328.1	-16.0	.9
35	K1	6.5	5.6	.9	341.3	354.9	-13.6	1.7
48	3MS2	2.6			235.2			
51	MNS2	4.3	3.2	1.1	86.9	100.0	-13.1	1.4
54	NLK2	4.4			270.5			
56	MU2	13.4	9.8	3.6	100.5	101.3	-.8	3.6
59	N2	35.6	33.8	1.8	328.5	336.7	-8.2	5.3
60	NU2	10.1	8.4	1.7	323.1	322.8	.4	1.7
65	M2	199.4	193.7	5.7	353.2	.3	-7.1	25.1
70	LABDA2	4.7	4.7	.0	356.9	10.5	-13.5	1.1
71	2MN2	13.1	14.0	-.9	191.3	187.5	3.8	1.2
77	S2	57.8	57.7	.1	43.0	53.7	-10.7	10.7
79	K2	18.4	16.4	2.0	44.2	55.4	-11.1	3.9
80	MSN2	2.7	3.4	-.7	238.8	271.5	-32.7	1.8
85	2SM2	3.7	4.3	-.6	254.9	269.2	-14.3	1.2
86	SKM2	1.8			239.6			
94	2MK3	1.9			84.8			
98	MK3	1.2	1.4	-.2	226.7	224.8	1.9	.2
105	2MNS4	.9			28.8			
108	3MS4	1.8			38.1			
110	MN4	3.7	5.2	-1.5	279.8	280.4	-.7	1.5
111	2MLS4	1.3			75.7			
113	M4	10.5	13.0	-2.5	304.1	308.3	-4.2	2.6
116	3MN4	1.4			144.5			
118	MS4	5.8	6.4	-.6	358.8	12.0	-13.2	1.5
119	MK4	1.7	1.8	-.1	358.6	.9	-2.3	.1
121	2MSN4	.8			196.6			
123	S4	.3	.5	-.2	74.6	200.5	-125.9	.7
129	3MK5	1.1			254.4			
134	3MO5	1.7			39.3			
140	4MS6	1.7			288.7			
142	2MN6	3.5	3.4	.1	213.9	241.9	-28.0	1.7
143	2MNU6	1.0			165.6			
145	M6	6.6	5.2	1.4	238.1	272.8	-34.7	3.7
151	2MS6	6.3	5.3	1.0	291.6	324.0	-32.4	3.4
152	2MK6	1.5	1.3	.2	284.6	316.4	-31.8	.8
154	3MSN6	1.1			116.1			
165	3MN8	2.8			146.8			
167	M8	3.9			176.8			
168	2MSN8	2.6			206.6			
170	3MS8	5.3			224.1			
174	2(MS)8	2.1			280.9			
186	4MS10	2.3			166.2			

STATION : OOSTENDE
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.6	6.9	-6.2	270.6	214.5	56.1	6.5
17	Q1	3.0	3.2	-.2	111.6	118.5	-7.0	.4
20	O1	9.2	9.5	-.3	167.5	167.5	.0	.3
24	M1C	.3			34.8			
33	P1	3.3	2.3	1.0	315.6	326.3	-10.8	1.1
35	K1	8.1	5.5	2.6	339.5	349.2	-9.7	2.9
48	3MS2	2.8			250.9			
51	MNS2	3.9	2.5	1.4	102.7	98.9	3.8	1.5
54	NLK2	4.2			285.9			
56	MU2	14.0	9.9	4.0	123.4	113.6	9.8	4.5
59	N2	28.1	30.5	-2.5	340.1	341.2	-1.1	2.5
60	NU2	9.1	9.1	.0	336.5	335.6	.9	.1
65	M2	163.4	179.6	-16.1	6.8	5.3	1.5	16.8
70	LABDA2	4.3	5.3	-1.0	16.4	16.4	-.1	1.0
71	2MN2	12.1	10.2	1.9	210.0	210.6	-.6	1.9
77	S2	43.6	52.4	-8.8	56.5	57.7	-1.2	8.9
79	K2	14.7	15.2	-.5	57.6	56.9	.7	.6
80	MSN2	2.2	2.9	-.6	260.8	263.7	-2.9	.6
85	2SM2	3.2	3.5	-.4	278.9	285.2	-6.3	.5
86	SKM2	1.6			260.6			
94	2MK3	2.3			103.9			
98	MK3	1.9	2.2	-.3	239.5	228.6	10.9	.5
105	2MNS4	.8			98.4			
108	3MS4	1.8			97.3			
110	MN4	3.6	3.4	.2	9.6	311.9	57.7	3.4
111	2MLS4	1.0			149.3			
113	M4	9.9	10.5	-.6	29.9	335.3	54.5	9.4
116	3MN4	1.3			207.6			
118	MS4	6.5	6.4	.1	91.7	37.3	54.3	5.9
119	MK4	1.8	1.9	.0	94.5	38.6	55.9	1.7
121	2MSN4	1.0			270.1			
123	S4	.8	.4	.4	192.1	163.1	29.1	.5
129	3MK5	.4			326.4			
134	3MO5	.9			78.8			
140	4MS6	1.7			69.3			
142	2MN6	6.0	3.7	2.3	311.8	275.2	36.6	3.7
143	2MNU6	1.6			301.6			
145	M6	10.8	6.8	4.0	336.7	298.7	38.1	6.9
151	2MS6	11.1	7.0	4.2	26.9	345.4	41.5	7.5
152	2MK6	3.1	1.8	1.2	30.9	347.0	44.0	2.2
154	3MSN6	2.3			230.5			
165	3MN8	1.3			240.7			
167	M8	1.8			269.5			
168	2MSN8	1.2			296.3			
170	3MS8	2.6			314.5			
174	2(MS)8	1.0			10.0			
186	4MS10	1.2			294.6			

STATION : ZEEBRUGGE
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.6	7.3	-6.7	271.3	200.0	71.3	7.2
17	Q1	3.1	3.3	-.2	112.9	114.4	-1.4	.3
20	O1	9.3	10.3	-1.0	168.9	170.8	-1.9	1.0
24	M1C	.3			36.7			
33	P1	3.4	3.2	.2	316.6	328.2	-11.6	.7
35	K1	8.3	6.3	2.0	340.2	349.8	-9.6	2.3
48	3MS2	2.9			254.4			
51	MNS2	4.0	2.4	1.6	107.0	113.8	-6.8	1.6
54	NLK2	4.3			290.1			
56	MU2	14.7	10.0	4.7	127.9	130.6	-2.6	4.7
59	N2	27.8	27.9	-.1	344.8	350.1	-5.3	2.6
60	NU2	9.2	8.5	.7	340.9	341.9	-1.0	.7
65	M2	163.6	164.6	-1.0	11.6	14.7	-3.1	8.9
70	LABDA2	4.4	5.4	-1.1	21.4	26.5	-5.1	1.2
71	2MN2	12.4	9.4	3.0	214.9	221.3	-6.4	3.2
77	S2	43.0	47.0	-4.0	61.9	67.9	-5.9	6.2
79	K2	14.6	14.2	.4	62.7	67.7	-5.0	1.3
80	MSN2	2.3	3.0	-.7	267.3	272.0	-4.8	.7
85	2SM2	3.2	3.3	-.1	285.0	296.0	-10.9	.6
86	SKM2	1.6			266.6			
94	2MK3	2.4			109.5			
98	MK3	2.0	2.5	-.5	244.4	247.6	-3.3	.5
105	2MNS4	1.0			108.9			
108	3MS4	2.1			108.1			
110	MN4	4.2	3.4	.8	20.4	.2	20.2	1.6
111	2MLS4	1.2			162.5			
113	M4	11.7	9.7	1.9	40.7	23.1	17.6	3.8
116	3MN4	1.5			217.9			
118	MS4	7.7	7.0	.7	101.8	78.9	22.9	3.0
119	MK4	2.2	2.1	.0	105.5	81.1	24.4	.9
121	2MSN4	1.2			279.0			
123	S4	.9	.6	.3	201.5	166.0	35.5	.6
129	3MK5	.5			358.0			
134	3MO5	.8			96.5			
140	4MS6	2.5			89.2			
142	2MN6	8.1	4.8	3.3	329.2	306.6	22.6	4.1
143	2MNU6	2.4			318.8			
145	M6	14.6	8.8	5.8	354.4	335.6	18.8	6.9
151	2MS6	15.1	9.1	5.9	44.3	21.3	23.1	7.6
152	2MK6	4.3	2.4	1.9	48.1	18.3	29.8	2.5
154	3MSN6	3.3			247.0			
165	3MN8	2.2			272.7			
167	M8	2.9			301.9			
168	2MSN8	1.9			328.0			
170	3MS8	4.1			345.3			
174	2(MS)8	1.5			40.8			
186	4MS10	1.4			19.8			

STATION : VLISSINGEN
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.6	7.9	-7.3	270.8	214.9	56.0	7.6
17	Q1	3.2	3.7	-.6	114.5	131.7	-17.2	1.2
20	O1	9.5	10.0	-.5	170.8	176.6	-5.8	1.1
24	M1C	.3	1.3	-1.1	36.6	103.3	-66.7	1.3
33	P1	3.5	3.5	.0	318.3	333.4	-15.1	.9
35	K1	8.5	6.7	1.8	340.5	357.7	-17.3	2.9
48	3MS2	2.8	3.4	-.6	262.5	262.6	-.1	.6
51	MNS2	3.8	3.1	.7	115.9	118.3	-2.4	.7
54	NLK2	4.0	3.9	.2	298.5	329.6	-31.1	2.1
56	MU2	14.5	12.8	1.7	137.4	139.3	-1.9	1.7
59	N2	24.6	28.9	-4.3	352.3	6.2	-13.9	7.7
60	NU2	8.6	9.5	-1.0	348.3	359.3	-11.0	2.0
65	M2	147.6	174.2	-26.6	19.8	30.5	-10.8	40.2
70	LABDA2	4.1	5.6	-1.5	31.3	41.6	-10.3	1.7
71	2MN2	11.8	13.2	-1.4	224.3	227.3	-3.0	1.6
77	S2	37.3	48.2	-10.9	70.6	86.5	-15.9	16.0
79	K2	12.9	14.1	-1.2	70.7	86.6	-15.9	3.9
80	MSN2	2.1	2.8	-.8	279.3	289.7	-10.4	.9
85	2SM2	3.0	4.2	-1.1	297.2	313.8	-16.6	1.5
86	SKM2	1.5	2.1	-.6	278.3	314.6	-36.3	1.3
94	2MK3	2.3	3.0	-.7	119.0	115.8	3.2	.7
98	MK3	2.0	2.4	-.4	251.0	274.7	-23.7	1.0
105	2MNS4	1.1	.8	.2	133.6	134.2	-.6	.2
108	3MS4	2.1	1.9	.2	131.4	144.3	-12.9	.5
110	MN4	5.1	4.1	1.0	39.0	33.8	5.2	1.1
111	2MLS4	1.4	1.3	.1	187.6	197.2	-9.6	.2
113	M4	13.8	12.7	1.1	60.4	59.7	.7	1.1
116	3MN4	1.5	1.6	.0	242.0	251.2	-9.3	.3
118	MS4	9.1	8.6	.5	118.2	119.4	-1.2	.5
119	MK4	2.6	2.4	.2	122.5	118.5	4.0	.3
121	2MSN4	1.3	1.3	.0	297.4	318.1	-20.7	.5
123	S4	1.0	.5	.5	208.0	224.9	-16.9	.5
129	3MK5	.6	.6	.0	56.9	12.9	44.1	.5
134	3MO5	.4	.9	-.5	163.8	157.1	6.7	.5
140	4MS6	3.1	1.3	1.8	111.6	101.7	9.9	1.8
142	2MN6	7.9	4.5	3.5	347.7	356.2	-8.5	3.6
143	2MNU6	2.7	1.4	1.3	335.8	337.2	-1.5	1.3
145	M6	14.4	8.5	5.9	13.4	21.3	-7.9	6.0
151	2MS6	14.3	8.7	5.6	62.8	71.2	-8.3	5.8
152	2MK6	4.2	2.4	1.8	65.1	72.5	-7.4	1.8
154	3MSN6	3.3	1.9	1.4	264.9	267.6	-2.7	1.4
165	3MN8	2.4	2.4	.0	333.0	327.0	6.0	.3
167	M8	3.3	3.3	-.1	5.5	357.1	8.3	.5
168	2MSN8	2.1	1.8	.2	37.6	24.0	13.6	.5
170	3MS8	4.4	4.6	-.2	51.5	45.3	6.2	.5
174	2(MS)8	1.6	1.7	-.1	111.6	102.3	9.4	.3
186	4MS10	3.7	1.6	2.0	84.3	74.4	9.9	2.1

STATION : GOEREE
OBSERVED : 110 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.6	9.2	-8.6	272.5	227.0	45.6	8.8
17	Q1	3.2	2.9	.3	116.6	122.1	-5.5	.4
20	O1	9.7	9.6	.1	173.5	169.4	4.1	.7
24	M1C	.3	2.1	-1.8	38.1	106.1	-68.0	2.0
33	P1	3.5	3.8	-.3	319.7	320.9	-1.2	.3
35	K1	8.9	7.1	1.8	338.2	342.1	-3.9	1.9
48	3MS2	2.3	1.9	.3	284.1	280.6	3.4	.3
51	MNS2	2.7	1.4	1.3	141.1	129.7	11.4	1.3
54	NLK2	3.0	2.7	.4	322.4	325.5	-3.2	.4
56	MU2	12.8	7.7	5.1	161.9	166.0	-4.1	5.1
59	N2	12.2	13.0	-.8	15.6	12.1	3.5	1.1
60	NU2	5.7	5.1	.6	9.8	10.4	-.7	.6
65	M2	84.8	82.7	2.1	45.0	39.5	5.4	8.2
70	LABDA2	3.1	2.2	.9	60.4	72.1	-11.8	1.1
71	2MN2	8.9	7.0	1.9	250.5	246.3	4.2	2.0
77	S2	17.0	20.8	-3.9	103.4	96.3	7.1	4.5
79	K2	6.4	6.3	.1	97.6	97.1	.5	.1
80	MSN2	1.5	1.6	-.1	317.9	309.1	8.8	.3
85	2SM2	2.4	2.6	-.2	333.1	333.5	-.4	.2
86	SKM2	1.1	1.4	-.3	314.1	338.9	-24.8	.6
94	2MK3	1.3	1.4	-.1	149.8	115.0	34.7	.8
98	MK3	1.1	1.2	-.1	260.7	247.4	13.3	.3
105	2MNS4	1.2	.8	.4	189.5	141.2	48.2	.9
108	3MS4	2.0	1.8	.3	198.9	164.6	34.3	1.2
110	MN4	5.9	5.1	.7	76.9	55.8	21.1	2.1
111	2MLS4	1.8	1.5	.3	239.7	215.7	23.9	.7
113	M4	15.9	15.2	.7	102.0	81.7	20.3	5.5
116	3MN4	1.7	2.1	-.4	306.3	271.2	35.0	1.2
118	MS4	9.6	10.1	-.5	154.0	137.2	16.8	2.9
119	MK4	3.0	3.1	-.2	158.7	141.0	17.7	.9
121	2MSN4	1.2	1.0	.2	348.9	332.5	16.4	.3
123	S4	.8	.8	.0	217.9	236.9	-19.0	.3
129	3MK5	1.2	1.1	.1	121.4	118.0	3.4	.1
134	3MO5	1.6	.9	.7	279.9	288.8	-8.9	.7
140	4MS6	2.3	1.2	1.0	160.3	142.8	17.5	1.1
142	2MN6	2.4	2.8	-.4	24.1	352.4	31.8	1.5
143	2MNU6	1.5	1.3	.2	11.9	335.1	36.7	.9
145	M6	4.5	5.4	-.9	55.3	21.1	34.2	3.0
151	2MS6	3.2	5.1	-1.9	108.1	75.7	32.4	3.0
152	2MK6	1.2	1.4	-.2	97.6	82.9	14.7	.4
154	3MSN6	1.2	1.2	.0	304.6	287.0	17.6	.4
165	3MN8	1.6	1.2	.4	90.8	36.2	54.6	1.3
167	M8	2.2	1.7	.6	119.6	65.4	54.2	1.9
168	2MSN8	1.6	1.0	.6	150.5	90.3	60.3	1.4
170	3MS8	3.2	2.6	.6	168.5	115.9	52.6	2.6
174	2(MS)8	1.3	.9	.3	228.8	182.0	46.8	.9
186	4MS10	1.1	.9	.2	117.5	80.9	36.6	.6

STATION : HOEK VAN HOLLAND
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.6	9.0	-8.4	272.1	218.4	53.8	8.6
17	Q1	3.2	3.8	-.6	117.1	129.4	-12.3	1.0
20	O1	9.8	10.3	-.5	174.0	173.5	.5	.5
24	M1C	.3	1.2	-1.0	42.8	112.1	-69.3	1.2
33	P1	3.5	3.4	.1	320.3	329.9	-9.6	.6
35	K1	8.9	7.4	1.5	338.3	344.9	-6.6	1.8
48	3MS2	2.4	2.1	.3	290.2	291.5	-1.3	.3
51	MNS2	2.8	1.8	1.0	148.4	158.9	-10.5	1.1
54	NLK2	3.2	2.3	.9	329.5	2.2	-32.7	1.8
56	MU2	13.7	8.3	5.4	167.4	177.3	-9.9	5.7
59	N2	12.2	11.8	.4	26.2	30.0	-3.8	.9
60	NU2	5.8	4.7	1.1	17.2	25.5	-8.3	1.4
65	M2	86.6	78.0	8.7	53.9	56.4	-2.5	9.4
70	LABDA2	3.3	2.9	.4	67.7	76.6	-8.9	.6
71	2MN2	9.4	7.3	2.1	257.1	259.2	-2.1	2.1
77	S2	17.4	19.1	-1.7	116.0	115.3	.8	1.8
79	K2	6.4	5.7	.7	108.9	118.1	-9.2	1.2
80	MSN2	1.7	1.8	-.1	325.2	322.5	2.8	.2
85	2SM2	2.6	2.4	.2	339.8	350.9	-11.0	.5
86	SKM2	1.2	1.2	.0	320.6	351.4	-30.8	.7
94	2MK3	1.3	.8	.6	161.7	147.0	14.7	.6
98	MK3	1.0	.8	.1	266.3	247.7	18.5	.3
105	2MNS4	1.5	.9	.6	197.8	173.3	24.5	.8
108	3MS4	2.5	1.9	.6	208.1	185.7	22.4	1.0
110	MN4	6.7	5.7	1.0	84.6	76.3	8.4	1.3
111	2MLS4	2.1	1.8	.3	246.9	245.2	1.7	.3
113	M4	18.3	16.6	1.7	110.0	102.8	7.1	2.8
116	3MN4	2.0	1.6	.4	314.6	293.2	21.4	.8
118	MS4	10.9	10.5	.3	162.5	158.2	4.4	.9
119	MK4	3.4	3.0	.4	166.9	156.3	10.6	.7
121	2MSN4	1.4	1.1	.2	359.2	351.1	8.1	.3
123	S4	.9	1.0	-.1	226.3	240.1	-13.8	.2
129	3MK5	1.4	1.6	-.1	130.2	134.5	-4.3	.2
134	3MO5	2.1	1.6	.5	286.7	302.0	-15.3	.7
140	4MS6	2.6	1.5	1.1	174.4	165.1	9.4	1.2
142	2MN6	2.0	2.2	-.2	46.1	6.5	39.6	1.4
143	2MNU6	1.6	1.2	.4	25.7	6.7	19.0	.6
145	M6	4.0	4.4	-.5	78.8	39.9	38.9	2.8
151	2MS6	2.6	3.9	-1.2	143.7	97.7	46.0	2.8
152	2MK6	1.0	1.1	-.1	119.5	97.6	21.8	.4
154	3MSN6	1.1	1.1	.0	324.6	309.4	15.2	.3
165	3MN8	2.2	1.6	.6	118.3	81.5	36.8	1.3
167	M8	3.0	2.3	.7	147.8	109.7	38.1	1.9
168	2MSN8	2.1	1.4	.7	176.8	141.7	35.1	1.2
170	3MS8	4.2	3.4	.9	195.7	158.9	36.8	2.5
174	2(MS)8	1.7	1.3	.3	254.1	221.5	32.6	.9
186	4MS10	1.2	1.4	-.2	159.5	139.8	19.7	.5

STATION : SCHEVENINGEN
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.6	9.8	-9.2	272.2	216.7	55.5	9.5
17	Q1	3.2	4.1	-.9	118.6	128.9	-10.4	1.1
20	O1	9.8	11.0	-1.2	175.5	173.3	2.2	1.3
24	M1C	.3	1.3	-1.1	44.7	111.7	-67.1	1.3
33	P1	3.5	3.6	-.1	321.8	328.8	-7.1	.5
35	K1	9.0	7.9	1.0	338.4	343.5	-5.1	1.3
48	3MS2	2.3	2.1	.2	301.9	301.5	.3	.2
51	MNS2	2.7	1.9	.8	163.0	167.2	-4.2	.8
54	NLK2	3.0	2.3	.7	343.4	11.7	-28.3	1.5
56	MU2	13.6	8.5	5.1	178.4	186.0	-7.6	5.3
59	N2	9.8	11.1	-1.2	50.0	43.4	6.6	1.7
60	NU2	5.2	4.7	.5	31.8	37.6	-5.8	.7
65	M2	75.5	75.1	.4	73.2	69.0	4.2	5.6
70	LABDA2	3.2	3.1	.1	82.5	84.9	-2.4	.2
71	2MN2	9.0	7.3	1.7	270.8	269.4	1.4	1.8
77	S2	15.4	18.4	-3.0	145.9	130.7	15.2	5.4
79	K2	5.3	5.6	-.3	135.0	133.0	2.0	.4
80	MSN2	1.7	1.8	-.1	341.7	330.7	11.1	.4
85	2SM2	2.6	2.5	.1	355.2	359.7	-4.5	.2
86	SKM2	1.2	1.3	-.1	336.4	.7	-24.3	.6
94	2MK3	1.1	.9	.2	188.7	158.2	30.5	.6
98	MK3	.6	.9	-.3	276.5	258.9	17.6	.4
105	2MNS4	1.7	1.2	.6	214.6	180.7	33.9	1.0
108	3MS4	3.0	2.5	.5	226.9	194.6	32.3	1.6
110	MN4	7.2	7.0	.2	100.3	79.5	20.7	2.6
111	2MLS4	2.5	2.4	.1	261.8	250.9	10.9	.5
113	M4	20.1	20.4	-.3	125.9	107.0	19.0	6.7
116	3MN4	2.5	2.1	.4	332.4	297.4	35.0	1.4
118	MS4	11.5	12.6	-1.1	179.3	163.3	15.9	3.5
119	MK4	3.7	3.7	.0	182.9	161.5	21.4	1.4
121	2MSN4	1.5	1.4	.1	19.2	358.0	21.2	.6
123	S4	.7	1.0	-.3	239.8	246.3	-6.5	.3
129	3MK5	1.6	2.0	-.4	147.6	140.9	6.7	.4
134	3MO5	2.5	2.1	.4	300.7	306.7	-6.0	.5
140	4MS6	2.4	1.4	1.0	204.2	186.2	18.0	1.1
142	2MN6	1.5	.9	.6	138.4	44.1	94.3	1.8
143	2MNU6	1.2	.9	.3	61.0	32.4	28.6	.6
145	M6	3.2	2.2	1.0	159.2	81.6	77.6	3.5
151	2MS6	3.7	2.2	1.6	234.5	154.4	80.1	4.0
152	2MK6	.7	.7	.0	214.9	146.6	68.3	.8
154	3MSN6	.8	.9	.0	26.8	348.8	38.1	.5
165	3MN8	2.6	1.8	.8	163.1	115.5	47.6	1.9
167	M8	3.5	2.5	1.0	195.7	145.3	50.5	2.7
168	2MSN8	2.2	1.5	.7	226.4	171.9	54.4	1.8
170	3MS8	4.7	3.6	1.1	245.0	191.6	53.3	3.9
174	2(MS)8	1.7	1.4	.3	300.7	249.7	51.0	1.4
186	4MS10	1.5	1.0	.5	252.6	209.6	42.9	1.0

STATION : IJMUIDEN
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.5	10.7	-10.2	272.9	219.5	53.5	10.4
17	Q1	3.1	3.9	-.8	120.4	129.6	-9.3	1.0
20	O1	9.5	11.0	-1.5	177.7	174.8	2.9	1.6
24	M1C	.2	1.4	-1.2	45.8	115.3	-69.5	1.4
33	P1	3.4	3.6	-.2	323.9	329.9	-6.0	.4
35	K1	8.9	7.9	1.0	338.3	342.3	-3.9	1.2
48	3MS2	2.0	2.2	-.1	323.4	318.1	5.3	.2
51	MNS2	2.4	1.9	.5	189.1	185.1	4.0	.5
54	NLK2	2.7	2.5	.3	8.2	30.9	-22.8	1.1
56	MU2	12.7	8.8	3.8	196.8	204.5	-7.7	4.1
59	N2	9.2	9.6	-.4	100.2	79.8	20.4	3.4
60	NU2	4.3	4.3	.0	61.6	63.3	-1.6	.1
65	M2	67.1	67.5	-.4	111.2	100.3	10.8	12.7
70	LABDA2	3.0	3.1	-.1	107.0	109.3	-2.4	.1
71	2MN2	8.3	7.1	1.2	294.4	294.5	-.1	1.2
77	S2	18.0	17.4	.5	191.3	167.6	23.7	7.3
79	K2	5.4	5.4	.0	183.8	168.2	15.6	1.5
80	MSN2	1.8	1.9	-.1	6.4	354.3	12.2	.4
85	2SM2	2.6	2.8	-.2	19.0	20.5	-1.5	.2
86	SKM2	1.2	1.5	-.3	1.2	21.5	-20.3	.5
94	2MK3	1.2	.9	.3	243.3	214.5	28.8	.6
98	MK3	.3	.3	.0	64.3	240.7	-176.4	.5
105	2MNS4	1.7	1.2	.5	238.2	199.5	38.7	1.1
108	3MS4	3.1	2.8	.3	251.9	217.2	34.7	1.8
110	MN4	6.3	6.5	-.2	123.7	96.8	26.9	3.0
111	2MLS4	2.3	2.4	.0	283.5	263.7	19.8	.8
113	M4	17.9	19.7	-1.8	149.4	125.4	24.0	8.0
116	3MN4	2.5	2.2	.3	355.3	318.2	37.1	1.5
118	MS4	9.8	11.7	-1.9	205.1	184.2	20.9	4.3
119	MK4	3.1	3.5	-.4	207.4	183.7	23.7	1.4
121	2MSN4	1.5	1.3	.3	47.6	19.1	28.5	.7
123	S4	.3	.7	-.5	277.7	270.1	7.6	.5
129	3MK5	1.2	2.1	-.9	173.4	158.2	15.2	1.0
134	3MO5	2.2	2.3	-.2	318.2	321.3	-3.1	.2
140	4MS6	1.8	1.1	.6	275.5	239.0	36.5	1.1
142	2MN6	4.2	2.3	1.9	202.7	184.9	17.8	2.1
143	2MNU6	1.2	.6	.6	156.3	127.4	28.9	.7
145	M6	7.7	4.4	3.2	225.4	204.4	21.0	3.9
151	2MS6	7.9	5.0	2.9	278.6	254.1	24.6	4.0
152	2MK6	2.1	1.4	.7	277.5	249.4	28.1	1.1
154	3MSN6	1.5	1.1	.4	107.9	77.8	30.1	.8
165	3MN8	2.1	2.0	.1	238.7	182.3	56.4	1.9
167	M8	3.1	2.8	.3	274.2	215.1	59.1	2.9
168	2MSN8	2.1	1.4	.7	317.7	241.9	75.7	2.3
170	3MS8	4.4	3.7	.7	329.5	263.8	65.7	4.5
174	2(MS)8	1.5	1.2	.2	45.4	323.3	82.1	1.8
186	4MS10	1.9	1.6	.3	19.2	306.2	73.0	2.1

STATION : DEN HELDER
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.4	11.6	-11.2	271.7	225.0	46.8	11.3
17	Q1	3.0	3.6	-.7	120.4	140.1	-19.8	1.3
20	O1	8.9	9.9	-1.0	178.4	187.2	-8.8	1.7
24	M1C	.2	1.2	-1.0	50.2	136.2	-86.0	1.2
33	P1	3.0	3.3	-.2	323.5	343.0	-19.4	1.1
35	K1	8.6	7.1	1.5	336.1	351.2	-15.1	2.5
48	3MS2	1.5	1.8	-.3	355.1	11.0	-15.9	.5
51	MNS2	1.9	1.8	.1	227.4	231.4	-4.0	.2
54	NLK2	2.2	2.1	.1	46.4	83.3	-36.9	1.4
56	MU2	9.3	7.9	1.4	222.3	251.8	-29.5	4.6
59	N2	11.9	9.9	2.0	146.1	144.7	1.3	2.0
60	NU2	3.6	3.9	-.4	108.3	121.5	-13.3	.9
65	M2	69.5	65.1	4.4	156.6	162.4	-5.8	8.1
70	LABDA2	2.5	2.7	-.2	140.4	162.4	-21.9	1.0
71	2MN2	6.6	6.3	.2	328.3	348.7	-20.4	2.3
77	S2	22.8	18.2	4.6	225.1	228.1	-2.9	4.8
79	K2	6.8	5.5	1.3	225.4	227.4	-2.0	1.3
80	MSN2	1.6	1.5	.1	35.2	47.0	-11.8	.3
85	2SM2	2.1	2.2	-.1	49.9	70.5	-20.6	.8
86	SKM2	1.0	1.2	-.2	31.2	70.1	-38.9	.7
94	2MK3	1.5	.8	.7	286.0	290.2	-4.2	.7
98	MK3	1.0	.4	.6	99.9	173.5	-73.6	1.0
105	2MNS4	.9	.7	.3	270.0	234.4	35.5	.6
108	3MS4	1.8	1.6	.2	281.3	249.1	32.2	1.0
110	MN4	3.4	3.6	-.2	154.5	135.5	19.0	1.2
111	2MLS4	1.3	1.3	.0	311.5	303.4	8.1	.2
113	M4	9.7	10.6	-.9	179.9	163.7	16.2	3.0
116	3MN4	1.5	1.1	.4	22.2	350.7	31.5	.8
118	MS4	5.2	6.2	-1.0	238.7	225.9	12.8	1.6
119	MK4	1.7	1.8	-.2	240.1	223.4	16.8	.5
121	2MSN4	1.0	.7	.3	78.4	56.9	21.5	.4
123	S4	.2	.4	-.2	21.0	318.0	63.0	.4
129	3MK5	.4	1.0	-.6	231.0	215.7	15.3	.6
134	3MO5	.7	1.2	-.5	343.8	11.1	-27.3	.7
140	4MS6	1.9	1.0	1.0	354.1	347.7	6.4	1.0
142	2MN6	4.2	3.0	1.1	227.2	233.3	-6.0	1.2
143	2MNU6	1.6	1.0	.6	211.9	216.4	-4.5	.6
145	M6	7.4	5.9	1.5	255.0	260.5	-5.5	1.7
151	2MS6	6.3	5.8	.5	307.4	312.8	-5.4	.8
152	2MK6	1.9	1.6	.3	306.9	309.7	-2.8	.3
154	3MSN6	1.5	1.3	.3	149.2	155.0	-5.8	.3
165	3MN8	.8	1.6	-.7	303.5	263.6	40.0	1.1
167	M8	1.2	2.3	-1.1	337.6	295.2	42.4	1.6
168	2MSN8	.8	1.2	-.4	9.0	331.5	37.5	.8
170	3MS8	1.7	3.2	-1.5	25.0	349.5	35.5	2.1
174	2(MS)8	.7	1.2	-.5	92.1	56.3	35.8	.7
186	4MS10	.5	1.4	-.9	91.8	61.2	30.6	1.0

STATION : HARLINGEN
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.6	12.0	-11.4	270.9	223.4	47.5	11.6
17	Q1	2.7	3.5	-.7	142.7	169.3	-26.7	1.6
20	O1	8.3	9.7	-1.4	200.2	219.3	-19.1	3.3
24	M1C	.3	1.1	-.9	78.1	166.5	-88.4	1.2
33	P1	2.9	3.0	-.1	352.3	16.7	-24.4	1.2
35	K1	8.0	7.3	.6	357.3	20.6	-23.2	3.1
48	3MS2	2.6	2.7	-.2	52.4	87.5	-35.1	1.6
51	MNS2	3.1	2.7	.4	297.7	317.8	-20.1	1.1
54	NLK2	3.4	3.0	.4	113.6	169.9	-56.3	3.0
56	MU2	12.6	10.9	1.7	292.2	334.7	-42.5	8.7
59	N2	16.3	12.4	4.0	207.4	232.2	-24.9	7.3
60	NU2	5.1	5.4	-.3	170.1	207.0	-36.9	3.3
65	M2	92.2	83.0	9.2	221.8	249.6	-27.8	43.1
70	LABDA2	3.3	3.8	-.5	216.2	257.1	-40.9	2.5
71	2MN2	8.4	8.4	.0	38.6	76.0	-37.4	5.4
77	S2	27.6	21.2	6.4	292.4	320.1	-27.7	13.2
79	K2	8.8	6.5	2.3	291.5	322.8	-31.3	4.7
80	MSN2	2.0	1.4	.6	115.6	137.4	-21.8	.9
85	2SM2	2.7	2.5	.2	129.0	176.9	-47.8	2.1
86	SKM2	1.2	1.3	-.1	111.1	171.5	-60.4	1.3
94	2MK3	2.1	2.5	-.4	14.8	32.9	-18.1	.8
98	MK3	1.8	1.4	.4	173.9	204.4	-30.5	.9
105	2MNS4	1.6	1.3	.3	77.8	109.7	-31.9	.8
108	3MS4	3.5	3.0	.5	89.4	123.3	-34.0	2.0
110	MN4	3.4	3.1	.4	348.4	20.8	-32.3	1.8
111	2MLS4	1.7	1.8	-.1	119.1	169.7	-50.5	1.5
113	M4	10.3	10.7	-.4	7.0	42.1	-35.1	6.3
116	3MN4	2.0	2.1	-.1	190.9	230.2	-39.2	1.4
118	MS4	6.0	6.2	-.2	82.7	114.8	-32.1	3.4
119	MK4	1.9	1.9	.0	79.1	114.7	-35.6	1.2
121	2MSN4	1.4	1.2	.2	260.5	308.2	-47.8	1.1
123	S4	.9	.6	.2	224.0	269.2	-45.2	.6
129	3MK5	.2	.2	.0	290.7	71.5	-140.8	.4
134	3MO5	.6	.6	.0	100.8	194.9	-94.1	.8
140	4MS6	1.7	1.1	.6	160.7	230.9	-70.1	1.7
142	2MN6	2.9	1.9	.9	21.6	110.3	-88.7	3.4
143	2MNU6	1.3	1.0	.4	18.2	93.9	-75.7	1.4
145	M6	5.1	3.9	1.3	52.5	140.5	-88.0	6.3
151	2MS6	4.1	3.4	.7	108.1	200.5	-92.4	5.5
152	2MK6	1.4	1.0	.3	113.6	202.8	-89.2	1.7
154	3MSN6	1.1	.9	.2	313.1	41.0	-87.9	1.4
165	3MN8	.7	.7	.0	197.9	264.7	-66.7	.8
167	M8	1.0	1.0	-.1	230.1	295.0	-64.9	1.1
168	2MSN8	.7	.5	.1	262.1	333.6	-71.5	.7
170	3MS8	1.4	1.5	-.1	274.8	343.1	-68.3	1.6
174	2(MS)8	.5	.5	-.1	342.1	52.2	-70.1	.6
186	4MS10	.8	.5	.3	301.5	79.4	-137.9	1.2

STATION : DELFZIJL
OBSERVED : 111 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.2	10.5	-10.3	271.1	214.1	57.0	10.4
17	Q1	2.5	3.5	-.9	167.9	176.3	-8.4	1.0
20	O1	7.6	9.2	-1.6	226.8	230.0	-3.2	1.7
24	M1C	.2	1.1	-.9	124.4	188.4	-64.0	1.0
33	P1	2.3	3.3	-.9	20.8	26.6	-5.8	1.0
35	K1	7.3	7.3	.0	22.4	26.4	-4.0	.5
48	3MS2	3.8	3.8	.0	155.5	144.0	11.5	.8
51	MNS2	4.4	3.3	1.1	28.3	10.1	18.2	1.7
54	NLK2	5.2	4.1	1.2	212.0	225.6	-13.6	1.6
56	MU2	17.5	14.8	2.8	37.3	33.6	3.7	3.0
59	N2	21.8	21.0	.8	290.2	282.5	7.7	3.0
60	NU2	8.4	8.5	-.2	268.0	262.7	5.3	.8
65	M2	130.7	134.7	-4.0	311.6	305.0	6.5	15.6
70	LABDA2	4.6	4.8	-.3	317.7	316.3	1.4	.3
71	2MN2	12.3	12.4	-.1	144.2	139.1	5.1	1.1
77	S2	31.6	33.7	-2.1	24.6	14.9	9.7	5.9
79	K2	11.0	10.4	.7	27.7	14.4	13.3	2.6
80	MSN2	2.3	2.4	-.2	219.9	221.1	-1.3	.2
85	2SM2	3.0	3.4	-.4	242.3	241.1	1.1	.5
86	SKM2	1.4	1.8	-.4	224.2	239.6	-15.5	.6
94	2MK3	1.5	1.4	.1	119.6	77.5	42.2	1.0
98	MK3	1.4	.7	.7	264.6	227.6	37.0	.9
105	2MNS4	.7	1.6	-.9	257.4	144.9	112.6	2.0
108	3MS4	1.4	4.0	-2.6	266.8	166.7	100.0	4.5
110	MN4	2.2	5.3	-3.1	169.8	63.9	105.9	6.2
111	2MLS4	.8	2.8	-1.9	311.7	213.6	98.0	3.0
113	M4	6.0	16.6	-10.6	190.1	90.3	99.8	18.6
116	3MN4	.9	2.7	-1.7	17.4	278.5	98.9	3.0
118	MS4	3.6	10.4	-6.8	254.0	166.9	87.1	10.8
119	MK4	1.2	3.1	-1.9	257.0	162.7	94.4	3.4
121	2MSN4	.7	1.8	-1.1	76.8	11.7	65.0	1.6
123	S4	.4	1.1	-.7	18.1	313.0	65.1	1.0
129	3MK5	.1	.5	-.4	21.3	156.4	-135.1	.6
134	3MO5	.2	.9	-.7	255.5	305.5	-50.0	.8
140	4MS6	1.3	1.9	-.7	7.2	344.8	22.4	.9
142	2MN6	1.6	3.6	-2.1	259.0	239.7	19.3	2.2
143	2MNU6	.9	1.7	-.8	231.3	211.1	20.1	.9
145	M6	2.8	7.0	-4.2	285.5	269.6	15.9	4.4
151	2MS6	2.5	6.9	-4.4	353.4	335.8	17.6	4.6
152	2MK6	.9	2.0	-1.1	353.5	335.4	18.1	1.2
154	3MSN6	.8	1.8	-1.0	182.2	171.7	10.5	1.1
165	3MN8	.5	.9	-.4	127.2	69.2	58.0	.8
167	M8	.6	1.4	-.7	165.8	104.5	61.3	1.2
168	2MSN8	.4	.8	-.4	207.1	145.5	61.6	.7
170	3MS8	.9	2.1	-1.2	225.5	161.1	64.4	1.9
174	2(MS)8	.3	.9	-.6	300.6	241.3	59.3	.8
186	4MS10	.3	1.3	-1.0	351.4	318.0	33.4	1.1

STATION : BORKUM
OBSERVED : 53 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.3	9.3	-9.0	268.2	289.9	-21.6	9.0
17	Q1	2.5	3.1	-.6	145.0	161.1	-16.1	1.0
20	O1	7.4	9.0	-1.6	205.0	217.3	-12.3	2.4
24	M1C	.1			107.9			
33	P1	2.2	2.6	-.4	353.8	8.9	-15.1	.7
35	K1	7.2	6.6	.6	360.0	5.0	-5.0	.8
48	3MS2	2.2			126.5			
51	MNS2	2.7	2.2	.5	350.5	338.7	11.8	.7
54	NLK2	3.1			175.8			
56	MU2	9.9	9.6	.3	360.0	.5	-.6	.3
59	N2	16.2	17.1	-.9	241.1	244.3	-3.2	1.3
60	NU2	5.6	5.8	-.2	228.4	234.1	-5.7	.6
65	M2	95.2	104.8	-9.6	264.7	269.5	-4.8	12.8
70	LABDA2	2.8	3.7	-.9	273.2	279.2	-6.0	1.0
71	2MN2	7.9	9.4	-1.5	101.9	104.5	-2.6	1.6
77	S2	23.8	27.1	-3.3	327.2	333.1	-5.9	4.2
79	K2	7.9	8.3	-.4	332.0	330.6	1.4	.5
80	MSN2	1.4	1.8	-.4	167.5	171.4	-3.8	.4
85	2SM2	1.9	2.4	-.5	187.3	190.9	-3.6	.5
86	SKM2	.9			169.9			
94	2MK3	.7			62.5			
98	MK3	.4	.8	-.4	205.1	207.7	-2.6	.4
105	2MNS4	.6			69.4			
108	3MS4	1.3			80.8			
110	MN4	1.8	1.7	.1	330.0	338.1	-8.1	.3
111	2MLS4	.8			118.6			
113	M4	5.9	5.4	.5	353.6	353.4	.2	.5
116	3MN4	1.0			191.0			
118	MS4	3.9	4.3	-.4	63.1	76.1	-13.1	1.0
119	MK4	1.3	1.3	.0	67.4	68.0	-.6	.0
121	2MSN4	.8			256.6			
123	S4	.3	.5	-.2	207.0	206.2	.8	.2
129	3MK5	.6			191.9			
134	3MO5	.5			22.4			
140	4MS6	.7			264.7			
142	2MN6	1.4	2.4	-1.0	170.0	143.9	26.1	1.3
143	2MNU6	.5			130.2			
145	M6	2.4	4.4	-2.0	195.0	172.9	22.0	2.3
151	2MS6	2.2	4.2	-2.0	254.0	231.2	22.7	2.3
152	2MK6	.7	1.2	-.5	250.8	226.1	24.6	.7
154	3MSN6	.5			78.4			
165	3MN8	1.1			289.0			
167	M8	1.6	1.3	.3	328.0	310.1	17.9	.6
168	2MSN8	1.0			6.8			
170	3MS8	2.3			32.2			
174	2(MS)8	.8			102.6			
186	4MS10	.7			181.2			

STATION : HELGOLAND
OBSERVED : 53 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.3	12.2	-11.9	268.4	288.4	-19.9	11.9
17	Q1	2.5	2.9	-.4	160.6	172.7	-12.1	.7
20	O1	7.4	9.2	-1.8	221.6	234.8	-13.1	2.6
24	M1C	.1			133.3			
33	P1	2.2	2.6	-.4	13.1	27.0	-14.0	.7
35	K1	7.2	6.4	.8	17.8	20.6	-2.8	.8
48	3MS2	2.5			159.9			
51	MNS2	3.2	2.3	.9	26.2	13.4	12.8	1.1
54	NLK2	3.7			211.7			
56	MU2	12.0	9.9	2.1	35.9	40.8	-4.9	2.3
59	N2	18.3	17.5	.8	280.9	284.9	-4.0	1.5
60	NU2	6.5	6.2	.3	266.0	273.4	-7.4	.9
65	M2	109.4	108.6	.8	304.8	312.0	-7.2	13.8
70	LABDA2	3.4	3.9	-.5	312.8	327.8	-15.0	1.1
71	2MN2	9.4	9.2	.2	141.2	149.2	-7.9	1.3
77	S2	28.0	28.9	-.9	11.5	17.7	-6.2	3.2
79	K2	9.3	8.4	.9	15.8	14.6	1.2	.9
80	MSN2	1.8	1.8	.0	210.0	212.8	-2.7	.1
85	2SM2	2.5	2.6	-.1	231.0	237.1	-6.1	.3
86	SKM2	1.2			213.1			
94	2MK3	.9			144.6			
98	MK3	.6	.5	.1	293.1	243.4	49.7	.5
105	2MNS4	.2			280.8			
108	3MS4	.4			317.1			
110	MN4	.9	2.5	-1.6	151.7	123.5	28.2	1.7
111	2MLS4	.3			336.2			
113	M4	2.1	7.0	-4.9	182.5	147.7	34.8	5.4
116	3MN4	.1			64.4			
118	MS4	1.1	4.3	-3.2	206.4	206.7	-.4	3.2
119	MK4	.3	1.3	-1.0	210.1	199.6	10.5	1.0
121	2MSN4	.1			357.1			
123	S4	.2	.4	-.2	268.8	297.1	-28.3	.2
129	3MK5	.3			262.7			
134	3MO5	.3			80.3			
140	4MS6	1.2			35.5			
142	2MN6	1.9	1.1	.8	254.4	263.7	-9.3	.8
143	2MNU6	.9			256.1			
145	M6	3.6	2.0	1.6	286.0	291.8	-5.9	1.6
151	2MS6	3.2	2.1	1.1	345.4	348.4	-3.1	1.1
152	2MK6	1.0	.6	.4	351.4	347.7	3.7	.4
154	3MSN6	.9			194.8			
165	3MN8	.4			115.6			
167	M8	.5	.4	.1	151.0	122.3	28.8	.3
168	2MSN8	.3			181.8			
170	3MS8	.7			206.0			
174	2(MS)8	.2			257.9			
186	4MS10	.1			326.1			

STATION : HANSTHOLM
OBSERVED : 7 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.3			270.1			
17	Q1	.5			169.4			
20	O1	1.5	2.4	-.9	253.1	2.1	-109.0	3.2
24	M1C	.1			205.3			
33	P1	.5	.8	-.3	97.7	186.0	-88.3	.9
35	K1	1.3	2.3	-1.0	85.6	186.0	-100.3	2.8
48	3MS2	.7			320.3			
51	MNS2	.8			185.0			
54	NLK2	1.0			20.0			
56	MU2	2.6			216.0			
59	N2	5.7	2.9	2.8	40.6	47.6	-7.0	2.9
60	NU2	1.9			53.3			
65	M2	29.1	12.2	16.9	73.6	105.0	-31.4	19.7
70	LABDA2	.8			131.1			
71	2MN2	2.2			310.7			
77	S2	5.2	2.7	2.5	96.9	14.0	82.9	5.5
79	K2	1.4	.8	.6	108.6	13.9	94.7	1.6
80	MSN2	.3			48.9			
85	2SM2	.4			78.3			
86	SKM2	.2			62.9			
94	2MK3	.2			292.3			
98	MK3	.2			125.2			
105	2MNS4	.1			37.5			
108	3MS4	.2			32.2			
110	MN4	.3			343.7			
111	2MLS4	.1			94.9			
113	M4	.9			.8			
116	3MN4	.1			155.3			
118	MS4	.8			68.8			
119	MK4	.2			76.1			
121	2MSN4	.1			241.4			
123	S4	.1			163.0			
129	3MK5	.1			342.3			
134	3MO5	.2			164.0			
140	4MS6	.1			21.8			
142	2MN6	1.0			173.3			
143	2MNU6	.1			205.9			
145	M6	1.8			204.9			
151	2MS6	2.2			261.8			
152	2MK6	.6			266.6			
154	3MSN6	.5			119.6			
165	3MN8	.3			328.7			
167	M8	.4			359.8			
168	2MSN8	.2			35.5			
170	3MS8	.5			60.0			
174	2(MS)8	.2			112.0			
186	4MS10	.7			53.8			

STATION : EKOFISK
OBSERVED : 94 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.0	9.2	-9.2	51.6	214.3	-162.7	9.2
17	Q1	1.0	1.7	-.7	70.9	88.3	-17.5	.8
20	O1	2.5	2.7	-.1	123.1	104.5	18.6	.8
24	M1C	.0	.5	-.5	266.5	91.5	175.0	.5
33	P1	.8	.8	-.1	239.5	252.8	-13.3	.2
35	K1	2.8	2.4	.4	263.9	268.9	-5.0	.5
48	3MS2	.3	.6	-.3	357.8	299.4	58.5	.5
51	MNS2	.4	.5	-.1	208.3	303.9	-95.6	.7
54	NLK2	.5	1.4	-.9	41.5	117.5	-76.0	1.3
56	MU2	1.1	1.3	-.2	288.8	301.6	-12.8	.3
59	N2	6.7	5.0	1.7	50.2	75.5	-25.4	3.0
60	NU2	1.5	1.7	-.2	63.0	69.4	-6.4	.3
65	M2	31.0	28.0	3.0	78.4	82.6	-4.2	3.7
70	LABDA2	.4	.4	.0	141.1	91.1	50.0	.3
71	2MN2	1.3	.9	.4	318.7	274.1	44.6	.9
77	S2	9.5	7.9	1.7	108.4	116.2	-7.8	2.0
79	K2	2.9	2.2	.7	116.4	100.4	16.0	1.0
80	MSN2	.1	.2	-.1	27.0	10.9	16.1	.1
85	2SM2	.1	.4	-.3	69.6	94.2	-24.7	.3
86	SKM2	.1	.2	-.2	50.4	148.9	-98.5	.2
94	2MK3	.2	.2	-.1	48.7	19.5	29.2	.1
98	MK3	.1	.1	.1	215.0	149.8	65.2	.1
105	2MNS4	.1	.3	-.2	68.4	193.6	-125.3	.3
108	3MS4	.2	.6	-.4	125.6	154.3	-28.7	.4
110	MN4	.4	.3	.1	305.8	355.2	-49.4	.3
111	2MLS4	.2			130.8			
113	M4	1.0	2.0	-1.0	1.6	47.2	-45.7	1.5
116	3MN4	.2	.4	-.2	246.5	248.2	-1.7	.2
118	MS4	.3	1.1	-.7	122.1	152.8	-30.6	.8
119	MK4	.1	.2	-.1	121.9	128.4	-6.5	.1
121	2MSN4	.1	.4	-.2	345.7	338.9	6.8	.2
123	S4	.1	.3	-.2	329.9	331.0	-1.1	.2
129	3MK5	.2	.1	.1	246.9	322.5	-75.6	.2
134	3MO5	.2	.2	.1	66.3	133.2	-66.9	.2
140	4MS6	.4			81.1			
142	2MN6	.7	.7	.1	259.0	228.6	30.3	.4
143	2MNU6	.3			291.7			
145	M6	1.2	1.3	-.1	299.6	249.8	49.8	1.1
151	2MS6	.8	.9	-.1	1.9	315.4	46.5	.7
152	2MK6	.2	.4	-.2	16.8	303.6	73.2	.4
154	3MSN6	.2	.2	.0	237.5	162.2	75.4	.3
165	3MN8	.1	.2	-.1	359.2	336.3	22.8	.1
167	M8	.1	.2	-.1	50.8	15.5	35.4	.1
168	2MSN8	.0	.1	-.1	99.7	139.4	-39.7	.1
170	3MS8	.0	.3	-.2	.9	82.6	-81.7	.3
174	2(MS)8	.1	.1	-.1	34.6	171.9	-137.3	.2
186	4MS10	.4	.1	.3	200.4	195.7	4.7	.3

STATION : K13 A
OBSERVED : 110 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.2	12.6	-12.4	272.8	218.5	54.3	12.5
17	Q1	3.0	3.7	-.7	106.9	116.3	-9.4	.9
20	O1	8.9	9.8	-1.0	164.6	166.0	-1.4	1.0
24	M1C	.1	.9	-.8	31.0	124.8	-93.8	.9
33	P1	3.0	2.8	.2	305.6	317.6	-12.0	.6
35	K1	9.5	8.3	1.2	321.5	332.4	-10.8	2.1
48	3MS2	.5	.4	.1	335.1	354.8	-19.7	.2
51	MNS2	.8	.8	.1	236.4	201.9	34.5	.5
54	NLK2	.9	1.6	-.7	45.6	28.5	17.0	.8
56	MU2	4.8	3.7	1.0	195.0	215.6	-20.5	1.8
59	N2	11.9	9.8	2.2	165.5	161.8	3.7	2.3
60	NU2	1.9	1.9	.0	140.8	149.5	-8.7	.3
65	M2	55.3	52.1	3.2	179.4	178.1	1.3	3.4
70	LABDA2	1.3	1.7	-.4	136.5	151.6	-15.1	.6
71	2MN2	3.0	2.9	.1	325.9	341.5	-15.6	.8
77	S2	22.3	18.5	3.8	233.5	234.3	-.8	3.8
79	K2	6.6	5.3	1.2	237.6	233.7	3.9	1.3
80	MSN2	1.0	.8	.2	28.5	19.2	9.3	.2
85	2SM2	1.3	1.2	.1	41.4	53.5	-12.1	.3
86	SKM2	.6	.7	-.1	26.0	64.5	-38.5	.4
94	2MK3	1.1	1.2	-.2	278.3	265.2	13.1	.3
98	MK3	.9	.9	.0	84.2	74.1	10.1	.2
105	2MNS4	.4	.3	.0	244.1	226.8	17.3	.1
108	3MS4	.9	.7	.3	254.6	237.8	16.8	.4
110	MN4	.7	.5	.2	166.8	121.4	45.3	.5
111	2MLS4	.4	.5	-.1	287.5	288.2	-.7	.1
113	M4	2.4	2.1	.3	180.3	155.2	25.0	1.0
116	3MN4	.6	.5	.1	358.6	347.8	10.8	.2
118	MS4	1.5	1.3	.3	269.5	245.2	24.3	.6
119	MK4	.4	.2	.2	271.2	236.5	34.7	.3
121	2MSN4	.4	.3	.1	73.1	90.0	-16.9	.1
123	S4	.4	.1	.3	42.8	18.6	24.2	.3
129	3MK5	.4	.3	.1	318.0	337.1	-19.0	.1
134	3MO5	.7	.4	.3	137.9	162.3	-24.4	.3
140	4MS6	.6	.4	.2	310.7	304.9	5.8	.2
142	2MN6	1.4	1.6	-.2	100.1	127.7	-27.6	.7
143	2MNU6	.5	.6	-.2	139.2	146.3	-7.1	.2
145	M6	2.3	3.0	-.6	126.2	157.9	-31.7	1.6
151	2MS6	2.4	2.5	-.1	158.7	204.5	-45.8	1.9
152	2MK6	.7	.7	.0	174.0	208.2	-34.2	.4
154	3MSN6	.4	.5	.0	19.2	63.7	-44.5	.3
165	3MN8	.4	.6	-.2	76.1	59.7	16.5	.2
167	M8	.7	.8	-.2	111.5	94.7	16.8	.3
168	2MSN8	.6	.4	.2	154.1	130.7	23.5	.3
170	3MS8	1.2	1.2	.0	165.9	154.3	11.7	.2
174	2(MS)8	.5	.4	.0	249.7	217.5	32.2	.2
186	4MS10	.9	.8	.1	251.8	256.9	-5.2	.1

STATION : EURO 0
OBSERVED : 110 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.6	7.8	-7.2	270.7	205.9	64.8	7.5
17	Q1	3.2	3.3	-.1	115.4	119.7	-4.3	.3
20	O1	9.6	10.1	-.5	172.5	169.5	3.0	.7
24	M1C	.3	2.3	-2.0	34.2	102.1	-68.0	2.2
33	P1	3.5	3.9	-.4	318.1	318.7	-.6	.4
35	K1	9.1	7.7	1.4	337.4	344.9	-7.5	1.8
48	3MS2	2.0	1.8	.2	270.0	267.7	2.4	.2
51	MNS2	2.3	1.2	1.1	123.5	127.2	-3.7	1.1
54	NLK2	2.7	2.5	.2	305.5	316.0	-10.6	.5
56	MU2	10.9	6.4	4.4	149.8	153.9	-4.1	4.5
59	N2	11.8	11.6	.2	352.8	357.4	-4.6	1.0
60	NU2	5.2	4.2	1.0	353.2	353.8	-.6	1.0
65	M2	76.9	72.9	4.0	24.9	25.7	-.7	4.1
70	LABDA2	2.6	2.2	.3	44.0	58.3	-14.3	.7
71	2MN2	7.6	6.4	1.2	235.6	232.7	2.9	1.2
77	S2	15.5	18.1	-2.6	75.9	80.2	-4.3	2.9
79	K2	6.0	5.3	.8	73.7	82.3	-8.5	1.1
80	MSN2	1.2	1.6	-.4	299.8	295.1	4.6	.4
85	2SM2	1.9	2.2	-.4	318.2	324.1	-5.9	.4
86	SKM2	.9	1.1	-.2	298.0	327.0	-29.0	.5
94	2MK3	1.2	1.3	.0	128.2	94.8	33.4	.7
98	MK3	1.1	1.3	-.2	249.1	240.8	8.3	.2
105	2MNS4	.8	.4	.3	171.6	117.4	54.2	.6
108	3MS4	1.2	1.0	.1	176.5	143.1	33.5	.7
110	MN4	4.1	3.5	.6	59.7	45.5	14.2	1.1
111	2MLS4	1.1	.9	.2	223.1	200.8	22.4	.5
113	M4	10.9	9.8	1.1	84.1	71.1	13.0	2.6
116	3MN4	1.0	1.4	-.4	285.2	256.8	28.3	.7
118	MS4	6.9	6.7	.1	135.0	125.1	10.0	1.2
119	MK4	2.1	2.0	.1	140.2	129.6	10.6	.4
121	2MSN4	.8	.7	.1	325.2	312.5	12.7	.2
123	S4	.7	.6	.1	202.9	221.7	-18.8	.2
129	3MK5	.6	.7	.0	99.7	100.2	-.5	.0
134	3MO5	.7	.4	.3	261.0	275.7	-14.7	.3
140	4MS6	1.4	.8	.6	132.1	125.1	7.0	.6
142	2MN6	2.2	2.1	.1	3.1	336.0	27.1	1.0
143	2MNU6	1.0	.9	.1	347.8	319.5	28.4	.5
145	M6	4.0	3.9	.0	31.1	6.2	24.9	1.7
151	2MS6	3.2	3.7	-.5	80.2	57.8	22.5	1.4
152	2MK6	1.0	1.0	.1	76.4	62.3	14.1	.3
154	3MSN6	.9	.9	.0	277.9	262.3	15.7	.2
165	3MN8	.9	.7	.2	28.1	358.1	30.0	.5
167	M8	1.3	1.0	.3	58.8	28.6	30.2	.7
168	2MSN8	.9	.6	.3	91.9	47.3	44.6	.6
170	3MS8	1.9	1.4	.4	108.4	75.1	33.2	1.0
174	2(MS)8	.6	.6	.1	167.8	133.9	33.9	.4
186	4MS10	.3	.4	-.1	356.7	353.6	3.0	.1

CONSTITUENT	NOT AVAILABLE	MAX. DIFFERENCE (CM)					
		0.0-1.9	2.0-4.9	5.0-9.9	10.0-19.9	20.0-49.9	50.0=<
SA	3		1	4	1		
Q1		8	1				
O1		6	2	1			
M1C	9						
P1		9					
K1		6	3				
3MS2	6	3					
MNS2	3	6					
NLK2	9						
MU2		3	3	2	1		
N2		5	4				
NU2		9					
M2			3	1	4	1	
LABDA2	3	4	2				
2MN2		4	5				
S2		2	3	4			
K2		7	2				
MSN2	3	6					
2SM2		9					
SKM2	8	1					
2MK3	9						
MK3		9					
2MNS4	8	1					
3MS4	6	3					
MN4		7	2				
2MLS4	8	1					
M4		2	5	1	1		
3MN4	8	1					
MS4		5	3	1			
MK4	3	6					
2MSN4	9						
S4	3	6					
3MK5	6	3					
3MO5	6	3					
4MS6	6	3					
2MN6		8	1				
2MNU6	6	3					
M6		8	1				
2MS6		8	1				
2MK6	3	6					
3MSN6	7	2					
3MN8	6	3					
M8	6	3					
2MSN8	6	3					
3MS8	6	3					
2(MS)8	6	3					
4MS10	7	2					

TABEL 2: OVERZICHT VAN DE MAXIMALE VERSCHILLEN VOOR 47 GETIJ-
KONSTANTEN IN DE OVERIGE 9 STATIONS, RUN=C03

STATION : LERWICK
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.0	8.8	-8.8	108.5	227.5	-119.0	8.8
17	Q1	2.3	2.9	-.6	342.1	336.0	6.2	.7
20	O1	6.7	7.9	-1.2	39.3	30.7	8.5	1.6
24	M1C	.1			351.9			
33	P1	2.1	2.3	-.2	142.5	148.2	-5.6	.3
35	K1	7.6	7.5	.1	164.7	164.3	.4	.1
48	3MS2	.2			300.5			
51	MNS2	.2	.5	-.3	181.0	240.7	-59.8	.4
54	NLK2	.3			20.5			
56	MU2	2.7	2.3	.4	251.5	267.8	-16.3	.8
59	N2	10.5	12.0	-1.5	299.3	289.5	9.8	2.4
60	NU2	1.7	2.2	-.5	308.4	290.0	18.4	.8
65	M2	45.4	57.7	-12.3	320.1	311.8	8.4	14.4
70	LABDA2	.3	.4	-.1	157.1	300.8	-143.7	.7
71	2MN2	.3	1.1	-.8	218.0	163.2	54.8	1.0
77	S2	18.3	21.0	-2.7	345.3	346.2	-.9	2.7
79	K2	5.5	5.8	-.3	351.2	342.7	8.4	.9
80	MSN2	.2	.2	.0	73.8	127.9	-54.1	.2
85	2SM2	.3	.3	.0	97.7	132.3	-34.6	.2
86	SKM2	.1			85.1			
94	2MK3	.4			97.3			
98	MK3	.3	.3	.0	287.6	335.8	-48.3	.3
105	2MNS4	.1			33.5			
108	3MS4	.1			19.1			
110	MN4	.6	.5	.1	303.3	232.7	70.6	.6
111	2MLS4	.1			96.7			
113	M4	1.6	1.6	.0	326.3	276.2	50.0	1.3
116	3MN4	.1			160.0			
118	MS4	1.1	1.2	-.1	22.7	357.0	25.7	.5
119	MK4	.4	.4	.0	28.8	2.4	26.4	.2
121	2MSN4	.1			215.0			
123	S4	.1	.1	.0	84.6	150.3	-65.7	.1
129	3MK5	.1			108.4			
134	3MO5	.3			284.8			
140	4MS6	.6			82.6			
142	2MN6	.9	.6	.3	238.8	199.5	39.3	.6
143	2MNU6	.4			288.0			
145	M6	1.4	1.2	.2	269.0	223.7	45.3	1.0
151	2MS6	1.1	1.3	-.2	289.0	268.1	20.9	.5
152	2MK6	.3	.3	.0	287.0	268.1	18.9	.1
154	3MSN6	.2			168.1			
165	3MN8	.2			215.1			
167	M8	.3			262.0			
168	2MSN8	.2			309.4			
170	3MS8	.4			332.5			
174	2(MS)8	.1			40.5			
186	4MS10	.5			13.6			

BIJLAGE 2 bij TAAK 4.3
Projekt: Z262.00
Datum : 16 juni 1988

STATION : STORNOWAY
OBSERVED : 60 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.0	8.0	-8.0	63.1	243.4	179.6	8.0
17	Q1	2.7	3.0	-.3	303.7	296.8	6.9	.4
20	O1	7.7	9.3	-1.6	1.5	349.4	12.1	2.4
24	M1C	.0			291.6			
33	P1	3.0	3.7	-.7	132.5	128.3	4.2	.8
35	K1	11.8	13.1	-1.3	140.9	134.9	6.0	1.9
48	3MS2	.0			251.0			
51	MNS2	.1	1.2	-1.1	41.8	99.2	-57.4	1.2
54	NLK2	.1			239.8			
56	MU2	6.1	5.7	.4	146.2	140.4	5.8	.7
59	N2	29.9	28.2	1.7	179.2	174.1	5.1	3.1
60	NU2	5.3	5.1	.2	184.0	181.1	2.9	.4
65	M2	140.9	139.3	1.6	198.0	196.9	1.1	3.2
70	LABDA2	.1	1.0	-.9	350.9	235.2	115.7	1.1
71	2MN2	2.5	2.5	.0	55.4	52.0	3.4	.2
77	S2	59.5	54.9	4.6	231.4	229.0	2.4	5.2
79	K2	17.5	15.3	2.2	233.7	226.7	7.0	3.0
80	MSN2	.1	.5	-.4	248.4	173.3	75.1	.5
85	2SM2	.1	.5	-.4	281.5	230.2	51.3	.4
86	SKM2	.1			253.2			
94	2MK3	.3			7.0			
98	MK3	.5	1.2	-.7	172.3	197.0	-24.7	.7
105	2MNS4	1.0			33.5			
108	3MS4	.5			81.6			
110	MN4	4.6	.9	3.7	272.4	164.1	108.3	4.9
111	2MLS4	1.1			95.1			
113	M4	11.3	5.8	5.5	301.0	217.4	83.6	12.1
116	3MN4	.7			168.6			
118	MS4	6.3	6.7	-.4	343.7	291.4	52.3	5.8
119	MK4	1.7	2.0	-.3	350.1	298.9	51.2	1.6
121	2MSN4	.3			194.8			
123	S4	.9	1.1	-.2	20.6	25.1	-4.5	.2
129	3MK5	.1			239.5			
134	3MO5	.2			33.9			
140	4MS6	.3			78.5			
142	2MN6	.3	.3	.0	225.8	196.7	29.1	.1
143	2MNU6	.2			288.6			
145	M6	.4	.5	-.1	255.0	190.0	65.0	.5
151	2MS6	.3	.7	-.4	280.8	217.9	62.9	.6
152	2MK6	.1	.4	-.3	328.1	221.6	106.5	.4
154	3MSN6	.2			147.5			
165	3MN8	.1			123.3			
167	M8	.2			158.8			
168	2MSN8	.1			191.1			
170	3MS8	.3			215.6			
174	2(MS)8	.1			286.2			
186	4MS10	.3			55.7			

STATION : H
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.1			76.8			
17	Q1	2.3	2.1	.2	281.3	271.7	9.6	.4
20	O1	7.3	6.6	.7	339.8	333.9	5.8	1.0
24	M1C	.0			287.3			
33	P1	1.7	2.2	-.5	84.4	72.5	11.9	.6
35	K1	5.0	7.1	-2.1	86.9	74.8	12.1	2.5
48	3MS2	.0			334.5			
51	MNS2	.1			177.6			
54	NLK2	.1			356.4			
56	MU2	3.9	5.4	-1.5	120.5	277.5	-157.0	9.1
59	N2	25.7	26.3	-.6	90.9	89.1	1.8	1.0
60	NU2	5.0	5.2	-.2	86.0	84.2	1.8	.3
65	M2	121.6	124.2	-2.6	110.0	112.2	-2.2	5.4
70	LABDA2	.1			87.8			
71	2MN2	3.8	2.6	1.2	304.0	303.2	.8	1.2
77	S2	42.3	40.9	1.4	144.3	145.4	-1.1	1.6
79	K2	11.3	11.8	-.5	141.3	142.5	-1.3	.6
80	MSN2	.1			333.6			
85	2SM2	.1	.5	-.4	347.5	309.7	37.8	.4
86	SKM2	.0			323.7			
94	2MK3	.1			166.0			
98	MK3	.0	.3	-.3	7.0	315.1	51.9	.3
105	2MNS4	.1			305.4			
108	3MS4	.3			319.2			
110	MN4	.5	.6	-.1	204.2	280.5	-76.3	.7
111	2MLS4	.2			1.7			
113	M4	1.4	1.5	-.1	228.4	269.1	-40.7	1.0
116	3MN4	.2			62.9			
118	MS4	.9	1.0	-.1	294.1	312.8	-18.7	.3
119	MK4	.3			296.3			
121	2MSN4	.1			121.7			
123	S4	.1			40.9			
129	3MK5	.0			314.5			
134	3MO5	.0			38.5			
140	4MS6	.1			68.4			
142	2MN6	.1	.2	-.1	344.2	337.6	6.6	.1
143	2MNU6	.1			306.2			
145	M6	.3	.5	-.3	11.5	8.2	3.3	.3
151	2MS6	.2	.5	-.3	77.3	58.5	18.8	.3
152	2MK6	.1			67.3			
154	3MSN6	.1			248.6			
165	3MN8	.1			62.4			
167	M8	.1			115.6			
168	2MSN8	.1			176.0			
170	3MS8	.2			202.4			
174	2(MS)8	.1			310.5			
186	4MS10	.1			346.3			

STATION : MALIN HEAD
OBSERVED : 90 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.0	10.2	-10.2	33.4	214.9	178.5	10.2
17	Q1	1.2	2.7	-1.5	11.4	312.7	58.7	2.3
20	O1	4.5	8.1	-3.6	54.9	15.0	39.9	5.5
24	M1C	.1			109.6			
33	P1	2.2	2.5	-.3	116.2	154.4	-38.2	1.6
35	K1	7.6	9.3	-1.6	125.9	157.0	-31.2	4.8
48	3MS2	.1	.1	.0	210.3	210.5	-.3	.0
51	MNS2	.3	1.4	-1.1	58.5	87.8	-29.2	1.1
54	NLK2	.3			242.7			
56	MU2	4.5	5.6	-1.1	101.1	107.5	-6.4	1.2
59	N2	24.3	22.4	1.9	149.4	155.4	-6.0	3.1
60	NU2	4.7	4.1	.6	158.3	161.6	-3.3	.7
65	M2	124.1	107.5	16.6	168.3	177.7	-9.4	25.3
70	LABDA2	.4	.4	.0	320.3	277.0	43.3	.3
71	2MN2	2.6	1.4	1.2	44.3	34.5	9.8	1.3
77	S2	48.7	42.0	6.7	199.4	206.1	-6.7	8.5
79	K2	13.8	12.2	1.6	200.3	203.4	-3.0	1.8
80	MSN2	.3	.5	-.2	194.8	216.6	-21.8	.3
85	2SM2	.3	.8	-.5	207.8	227.6	-19.9	.5
86	SKM2	.2			195.8			
94	2MK3	.3			350.5			
98	MK3	.5	1.2	-.7	115.6	197.6	-82.1	1.2
105	2MNS4	.1			8.5			
108	3MS4	.0	.3	-.3	10.7	64.8	-54.1	.3
110	MN4	.6	.4	.2	307.5	165.0	142.5	1.0
111	2MLS4	.1			123.5			
113	M4	1.5	1.7	-.2	343.6	210.2	133.4	3.0
116	3MN4	.1			218.9			
118	MS4	1.1	1.7	-.6	46.7	273.9	132.8	2.6
119	MK4	.3	.4	-.1	54.1	278.4	135.8	.7
121	2MSN4	.1			260.3			
123	S4	.2	.1	.1	94.1	315.1	139.0	.3
129	3MK5	.1	.2	-.1	330.1	357.4	-27.3	.1
134	3MO5	.1	.2	-.1	143.6	134.3	9.4	.1
140	4MS6	.3	.1	.2	270.3	192.9	77.5	.3
142	2MN6	.5	.3	.2	56.2	268.5	147.6	.8
143	2MNU6	.2	.1	.1	127.4	142.8	-15.5	.1
145	M6	.9	.4	.5	97.4	320.2	137.2	1.2
151	2MS6	.7	.3	.4	160.3	35.9	124.4	.9
152	2MK6	.2	.1	.1	181.2	352.3	-171.1	.3
154	3MSN6	.2			32.1			
165	3MN8	.4	.2	.2	73.6	338.0	95.5	.5
167	M8	.4	.3	.1	113.6	20.4	93.2	.6
168	2MSN8	.2	.1	.1	152.7	41.6	111.1	.2
170	3MS8	.3	.3	.0	199.1	75.3	123.8	.6
174	2(MS)8	.1	.1	.0	43.8	160.0	-116.2	.2
186	4MS10	.6	.1	.5	338.1	206.9	131.2	.6

STATION : G
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.1			94.6			
17	Q1	1.9	2.1	-.2	285.3	278.6	6.7	.3
20	O1	5.8	5.5	.3	340.5	341.9	-1.4	.4
24	M1C	.0			222.2			
33	P1	1.7	1.9	-.2	92.6	77.2	15.4	.5
35	K1	4.9	6.0	-1.1	95.8	79.5	16.3	1.9
48	3MS2	.2			338.9			
51	MNS2	.4			191.7			
54	NLK2	.4			10.9			
56	MU2	4.7	9.3	-4.6	143.4	272.3	-128.9	12.8
59	N2	28.7	27.5	1.2	101.5	98.8	2.7	1.8
60	NU2	5.8	5.5	.3	95.2	93.9	1.3	.3
65	M2	139.3	139.2	.1	120.5	121.6	-1.1	2.6
70	LABDA2	.5			97.3			
71	2MN2	4.9	2.4	2.5	312.0	330.1	-18.1	2.7
77	S2	48.4	45.6	2.8	158.0	158.3	-.3	2.8
79	K2	13.1	13.2	-.1	155.0	155.5	-.5	.2
80	MSN2	.3			338.7			
85	2SM2	.4	.9	-.5	354.9	14.6	-19.7	.6
86	SKM2	.2			338.4			
94	2MK3	.2			184.1			
98	MK3	.1	.3	-.2	311.7	358.2	-46.5	.2
105	2MNS4	.5			307.1			
108	3MS4	.9			320.9			
110	MN4	1.8	.6	1.2	188.6	222.0	-33.4	1.3
111	2MLS4	.6			349.2			
113	M4	5.0	2.9	2.1	217.2	230.6	-13.4	2.3
116	3MN4	.7			63.1			
118	MS4	2.7	1.5	1.2	280.6	287.6	-7.0	1.2
119	MK4	.8			280.6			
121	2MSN4	.5			120.6			
123	S4	.1			46.5			
129	3MK5	.1			300.0			
134	3MO5	.1			37.2			
140	4MS6	.2			70.3			
142	2MN6	.4	.6	-.2	353.3	350.6	2.7	.2
143	2MNU6	.2			301.0			
145	M6	.7	1.1	-.4	22.4	349.3	33.1	.7
151	2MS6	.7	1.3	-.6	87.4	53.8	33.6	.8
152	2MK6	.2			82.4			
154	3MSN6	.1			260.2			
165	3MN8	.2			65.2			
167	M8	.2			117.8			
168	2MSN8	.2			176.9			
170	3MS8	.4			198.1			
174	2(MS)8	.1			302.8			
186	4MS10	.1			327.5			

STATION : F
OBSERVED : 32 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.1			88.5			
17	Q1	1.5	1.9	-.4	292.5	297.3	-4.8	.5
20	O1	4.8	4.9	-.1	347.2	352.0	-4.8	.4
24	M1C	.0			195.2			
33	P1	1.5	1.5	.0	105.4	89.2	16.2	.4
35	K1	4.1	4.6	-.5	109.5	91.5	18.0	1.5
48	3MS2	.3			336.5			
51	MNS2	.9			193.1			
54	NLK2	.9			14.0			
56	MU2	6.6	10.9	-4.3	168.4	189.1	-20.7	5.3
59	N2	32.3	31.4	.9	112.9	114.6	-1.7	1.3
60	NU2	6.7	6.1	.6	103.4	111.2	-7.8	1.0
65	M2	160.4	157.4	3.0	131.5	136.2	-4.7	13.4
70	LABDA2	1.2			97.8			
71	2MN2	6.6	3.6	3.0	317.4	325.2	-7.8	3.0
77	S2	56.2	52.2	4.0	172.5	177.5	-5.0	6.2
79	K2	15.3	15.1	.2	169.1	174.5	-5.4	1.4
80	MSN2	.7			341.9			
85	2SM2	.9	1.2	-.3	357.1	34.1	-37.0	.7
86	SKM2	.4			340.4			
94	2MK3	.2			199.0			
98	MK3	.2	.2	.0	314.5	354.7	-40.2	.1
105	2MNS4	.8			310.3			
108	3MS4	1.4			321.8			
110	MN4	2.8	1.4	1.4	189.1	195.6	-6.5	1.4
111	2MLS4	1.0			349.5			
113	M4	7.9	5.2	2.7	216.9	219.1	-2.2	2.7
116	3MN4	1.1			64.3			
118	MS4	4.1	2.4	1.7	279.0	265.1	13.9	1.8
119	MK4	1.2			279.6			
121	2MSN4	.7			122.1			
123	S4	.2			65.3			
129	3MK5	.1			308.7			
134	3MO5	.1			51.3			
140	4MS6	.1			106.4			
142	2MN6	.3	.2	.1	48.9	37.3	11.6	.1
143	2MNU6	.0			338.4			
145	M6	.5	.4	.1	77.2	49.8	27.4	.2
151	2MS6	.5	.5	.0	130.4	97.7	32.7	.3
152	2MK6	.1			129.2			
154	3MSN6	.1			321.4			
165	3MN8	.2			118.5			
167	M8	.2			146.7			
168	2MSN8	.2			164.4			
170	3MS8	.3			183.1			
174	2(MS)8	.2			228.2			
186	4MS10	.2			216.4			

STATION : ST MARY'S
OBSERVED : 58 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.1	7.0	-6.9	88.3	238.4	-150.1	7.1
17	Q1	1.6	1.8	-.2	292.1	289.3	2.8	.2
20	O1	5.4	5.5	-.1	344.1	341.1	3.0	.3
24	M1C	.0			153.1			
33	P1	1.8	1.7	.1	95.7	97.3	-1.6	.1
35	K1	4.8	5.4	-.6	101.5	99.6	1.9	.6
48	3MS2	.4			325.4			
51	MNS2	1.0	1.1	-.1	188.9	117.7	71.2	1.2
54	NLK2	.9			9.0			
56	MU2	7.8	4.7	3.1	159.8	139.6	20.1	3.8
59	N2	35.2	34.6	.6	110.4	110.0	.4	.7
60	NU2	7.0	6.8	.2	100.2	105.1	-4.9	.6
65	M2	175.3	176.5	-1.2	129.1	130.1	-1.0	3.2
70	LABDA2	1.2	2.5	-1.3	95.9	122.9	-27.0	1.5
71	2MN2	7.0	5.2	1.8	311.7	328.6	-16.9	2.5
77	S2	61.8	60.7	1.1	171.1	170.8	.3	1.1
79	K2	16.7	17.5	-.8	167.9	167.9	.0	.8
80	MSN2	.7	1.2	-.5	347.2	356.5	-9.3	.5
85	2SM2	1.0	1.4	-.4	1.7	36.1	-34.5	.8
86	SKM2	.5			343.2			
94	2MK3	.3			174.4			
98	MK3	.3	.3	.0	281.8	309.3	-27.5	.2
105	2MNS4	.7			291.2			
108	3MS4	1.1			299.9			
110	MN4	3.6	2.4	1.2	172.7	153.2	19.5	1.5
111	2MLS4	1.0			337.3			
113	M4	9.5	6.6	2.9	199.5	184.2	15.3	3.6
116	3MN4	1.0			49.3			
118	MS4	5.2	4.3	.9	254.0	243.0	11.0	1.3
119	MK4	1.5	1.2	.3	256.2	232.8	23.4	.6
121	2MSN4	.6			100.5			
123	S4	.3	.6	-.3	306.9	300.6	6.3	.3
129	3MK5	.2			286.1			
134	3MO5	.2			20.3			
140	4MS6	.4			74.1			
142	2MN6	.6	.8	-.2	301.1	322.2	-21.1	.3
143	2MNU6	.3			288.8			
145	M6	1.2	1.5	-.3	328.0	350.1	-22.1	.6
151	2MS6	1.1	1.6	-.5	32.9	47.0	-14.1	.6
152	2MK6	.3	.4	-.1	35.9	49.1	-13.2	.1
154	3MSN6	.4			226.0			
165	3MN8	.1			170.8			
167	M8	.1			213.7			
168	2MSN8	.1			266.5			
170	3MS8	.1			301.5			
174	2(MS)8	.0			152.5			
186	4MS10	.2			128.5			

STATION : NEWLYN
OBSERVED : 93 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.0	7.9	-7.9	88.7	272.5	176.2	7.9
17	Q1	1.3	1.7	-.4	297.7	301.2	-3.5	.4
20	O1	4.8	5.4	-.6	347.3	341.0	6.3	.9
24	M1C	.1			134.2			
33	P1	1.7	2.1	-.4	99.1	98.5	.6	.4
35	K1	4.5	6.4	-1.9	107.2	111.7	-4.5	1.9
48	3MS2	.5	1.2	-.7	334.8	359.9	-25.2	.8
51	MNS2	1.2	1.0	.2	203.4	169.6	33.9	.7
54	NLK2	1.1			23.0			
56	MU2	7.9	5.4	2.5	165.7	167.9	-2.1	2.5
59	N2	34.5	33.1	1.4	109.7	116.1	-6.4	4.0
60	NU2	6.9	7.4	-.5	98.6	108.8	-10.2	1.4
65	M2	173.5	172.0	1.5	128.8	135.2	-6.4	19.5
70	LABDA2	1.5	3.5	-2.0	108.3	125.0	-16.7	2.1
71	2MN2	7.5	6.0	1.5	311.0	322.0	-11.0	2.0
77	S2	59.6	58.0	1.6	171.9	178.7	-6.8	7.2
79	K2	16.1	16.8	-.7	169.0	175.3	-6.2	1.9
80	MSN2	.9	1.5	-.6	.5	8.0	-7.5	.6
85	2SM2	1.2	2.3	-1.1	12.8	32.7	-19.9	1.2
86	SKM2	.6			356.5			
94	2MK3	.4			168.2			
98	MK3	.5	.6	-.1	280.4	256.2	24.2	.3
105	2MNS4	.8			276.3			
108	3MS4	1.2	.4	.8	273.4	223.8	49.5	.9
110	MN4	4.9	4.4	.5	160.9	143.3	17.7	1.5
111	2MLS4	1.2			324.7			
113	M4	12.6	11.4	1.2	186.8	169.5	17.4	3.8
116	3MN4	1.2			33.4			
118	MS4	7.4	7.4	.0	238.0	222.3	15.8	2.0
119	MK4	2.0	2.2	-.2	240.2	218.0	22.1	.8
121	2MSN4	.7			80.1			
123	S4	.6	.9	-.3	288.5	288.5	.0	.3
129	3MK5	.2	.1	.1	279.0	313.9	-34.9	.2
134	3MO5	.3	.2	.1	15.2	357.3	17.9	.1
140	4MS6	.5	.2	.3	71.5	37.4	34.1	.4
142	2MN6	.7	.4	.3	293.1	297.5	-4.4	.3
143	2MNU6	.3	.1	.2	282.0	308.7	-26.7	.2
145	M6	1.3	.8	.5	321.2	336.6	-15.4	.6
151	2MS6	1.2	.8	.4	29.5	35.8	-6.3	.4
152	2MK6	.3	.2	.1	28.8	45.6	-16.8	.1
154	3MSN6	.5	.1	.4	220.6	189.8	30.8	.4
165	3MN8	.2	.3	-.1	249.8	247.8	2.0	.1
167	M8	.4	.4	.0	289.1	271.4	17.7	.1
168	2MSN8	.3	.2	.1	329.2	293.9	35.3	.2
170	3MS8	.6	.4	.2	351.3	324.9	26.4	.3
174	2(MS)8	.3	.2	.1	78.7	24.5	54.1	.2
186	4MS10	.3	.3	.0	117.6	134.7	-17.1	.1

STATION : NEWHAVEN
OBSERVED : 84 COMPONENTS
CSM-MODEL: 47 COMPONENTS

CONSTITUENTS		A			G			MAX DIFF
NO	NAME	C03	O	D	C03	O	D	
1	SA	.2	4.1	-3.9	263.3	236.3	27.0	3.9
17	Q1	1.2	.1	1.0	17.7	165.0	-147.3	1.3
20	O1	4.6	1.3	3.3	50.0	350.2	59.8	4.1
24	M1C	.4			54.1			
33	P1	1.9	2.8	-.9	123.8	86.0	37.8	1.7
35	K1	6.3	7.8	-1.5	117.4	105.7	11.7	2.1
48	3MS2	.8	1.1	-.3	135.8	162.8	-27.0	.5
51	MNS2	2.5	1.8	.7	53.6	14.8	38.8	1.6
54	NLK2	2.1			227.6			
56	MU2	10.4	6.6	3.8	4.9	18.6	-13.7	4.3
59	N2	41.1	42.1	-1.0	298.5	298.9	-.4	1.0
60	NU2	8.1	9.4	-1.3	283.7	291.4	-7.7	1.8
65	M2	211.7	225.3	-13.6	318.1	321.3	-3.2	18.3
70	LABDA2	3.2	5.8	-2.6	311.6	320.3	-8.7	2.6
71	2MN2	10.7	13.4	-2.6	138.8	143.7	-5.0	2.8
77	S2	70.7	73.0	-2.3	8.4	10.8	-2.4	3.8
79	K2	19.0	21.6	-2.6	5.7	10.2	-4.5	3.1
80	MSN2	2.6	3.4	-.9	200.2	190.7	9.5	1.0
85	2SM2	3.5	4.8	-1.3	208.8	215.2	-6.4	1.4
86	SKM2	1.5	2.8	-1.3	194.7	207.3	-12.6	1.3
94	2MK3	1.1			302.0			
98	MK3	1.4	1.4	.0	63.0	50.1	12.9	.3
105	2MNS4	.3	.5	-.2	.6	301.5	59.1	.4
108	3MS4	.6	1.0	-.5	2.2	329.8	32.4	.6
110	MN4	1.1	3.0	-1.9	245.8	223.9	21.9	2.0
111	2MLS4	.3	.7	-.3	31.5	22.2	9.3	.4
113	M4	3.1	8.9	-5.8	268.2	250.0	18.2	6.0
116	3MN4	.5	1.5	-1.1	99.4	76.6	22.8	1.1
118	MS4	1.8	6.0	-4.2	336.5	307.1	29.5	4.5
119	MK4	.6	1.9	-1.3	337.9	310.0	27.9	1.4
121	2MSN4	.4			162.6			
123	S4	.2	.4	-.2	123.3	47.0	76.3	.4
129	3MK5	.1	.1	.1	283.9	230.4	53.5	.1
134	3MO5	.2	.2	.1	31.0	341.2	49.8	.2
140	4MS6	.2	.3	.0	18.5	255.6	122.9	.4
142	2MN6	1.3	1.1	.2	260.4	142.0	118.4	2.1
143	2MNU6	.3	.3	.0	261.5	117.2	144.3	.5
145	M6	2.2	2.1	.1	286.3	164.2	122.1	3.8
151	2MS6	2.1	2.4	-.3	331.5	206.8	124.7	4.1
152	2MK6	.6	.7	-.1	333.4	211.4	122.0	1.1
154	3MSN6	.4	.5	-.2	168.8	40.0	128.8	.8
165	3MN8	.5	.7	-.1	311.1	6.8	-55.7	.6
167	M8	.7	.9	-.2	350.8	39.2	-48.4	.7
168	2MSN8	.4	.5	-.1	33.1	53.6	-20.5	.2
170	3MS8	1.0	1.3	-.3	53.9	79.5	-25.6	.6
174	2(MS)8	.3	.6	-.3	110.3	123.3	-13.0	.3
186	4MS10	.2			92.3			