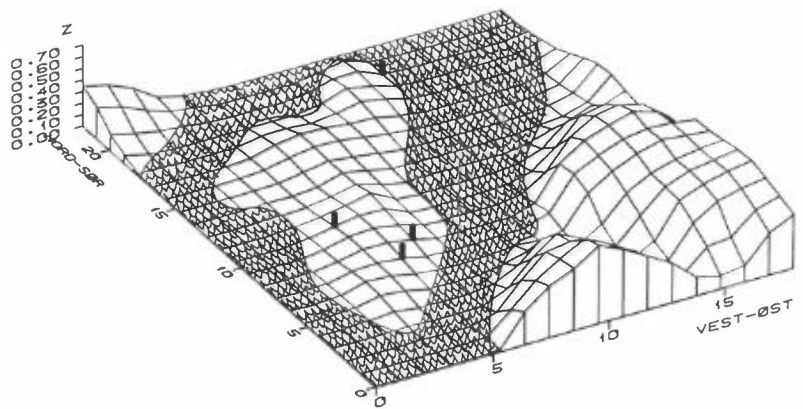


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Data for meteorologi og luftkvalitet Tromsø, juni-september 1990

I. Haugsbakk og K. E. Grønскеi



INNHOOLD

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SAMMENDRAG

Denne rapporten inneholder resultater fra bearbejdede meteorologiske data og data for luftkvalitet som er målt i Tromsø i perioden fra juni til 9. september 1990. Måleprogrammet er gjennomført på oppdrag fra Tromsø kommune.

VINDFORHOLD

Det blåste oftest fra nord-nordøst i Tromsø i perioden juni-september 1990. Denne vindretningen var dominerende hele døgnet. Middelvindstyrken var 1,6 m/s, og største timemidlede vindstyrke var 8,0 m/s. Vindstyrker over 4,0 m/s ble kun observert i 3,7% av måleperioden. Vindstyrken i måleperioden var lavere enn normalen for årstiden.

STABILITETSFORHOLD

Det var lett stabil sjiktning over Tromsø i 43,7% av perioden juni-september 1990, mens ustabile forhold ble observert i 16,5% av tiden. Stabile forhold forekom oftest ved svake vinder, 0-2 m/s, fra nordlig kant.

HORISONTAL TURBULENS

Timesmidlete standardavvik i den horisontale vindretningsfluktuasjonen representerer et mål for turbulensforholdene, og dermed spredningen av luftforurensninger. De største midlere standardavvikene av den horisontale vindretningsfluktuasjonen ble målt ved svak vind fra sørøstlig kant. Midlere timemidlet horisontal turbulens var 38 grader, som tilsvarer gode spredningsforhold.

TEMPERATUR

Middeltemperatur i Tromsø i perioden juni-august 1990 var 12,2⁰C, minimumstemperaturen var 5,8⁰C og maksimumstemperaturen var 24,9⁰C. Middeltemperatuen i måleperioden var 2,3⁰C varmere enn normalt.

RESULTATER AV LUFTKVALITETSMÅLINGER I TROMSØNO₂

Timemidlet luftkvalitet målt i Tromsø i perioden juni-9. september 1990 viste maksimal NO₂-konsentrasjon på 96 µg/m³. Denne konsentrasjonen ble målt på Fr. Nansens plass i juni 1990. Middelerdien for denne stasjonen i hele måleperioden var 32 µg/m³.

NO_x

Maksimal NO_x-konsentrasjon var 454 µg/m³, målt på Fr. Nansens plass i august 1990.

Ozon

Ozon ble kun målt ved Prestvannsveien og maksimal konsentrasjon var 88 µg/m³ i august. Middelerdien for hele måleperioden var 46 µg/m³.

CO

Karbonmonoksid ble kun målt ved Sjøgata og maksimal konsentrasjon var 10 mg/m³ i juni. Middelerdien for hele måleperioden var 1,8 mg/m³.

RESULTATER AV LUFTKVALITETSMÅLINGER I ØRNDALENNO₂

Døgnmidlet luftkvalitet målt i Ørndalen nord på Tromsøya i perioden juni-14. september 1990, viste maksimal NO₂-konsentrasjon på 51,2 µg/m³. Middelerdien for hele perioden var 15,9 µg NO₂/m³.

Sot

For sot var maksimalverdien 21,6 µg/m³, og middelerdien 5,8 µg/m³.

For samtlige forurensningskomponenter var konsentrasjonene sommeren 1990 lavere enn i vinter/vårperioden 1989/90. Det ble ikke observert overskridelser av grenseverdier og luftkvaliteten kan karakteriseres som god. I sommerperioden var NO₂- og sotkonsentrasjonene høyere enn i vinter/vårperioden.

DATA FOR METEOROLOGI OG LUFTKVALITET TROMSØ, JUNI-SEPTEMBER 1990

1 INNLEDNING

Denne rapporten presenterer resultater av målinger av meteorologiske forhold og luftkvalitet på NILUs målestasjoner i Tromsø. Målingene er utført av Norsk institutt for luftforskning (NILU) for Tromsø kommune.

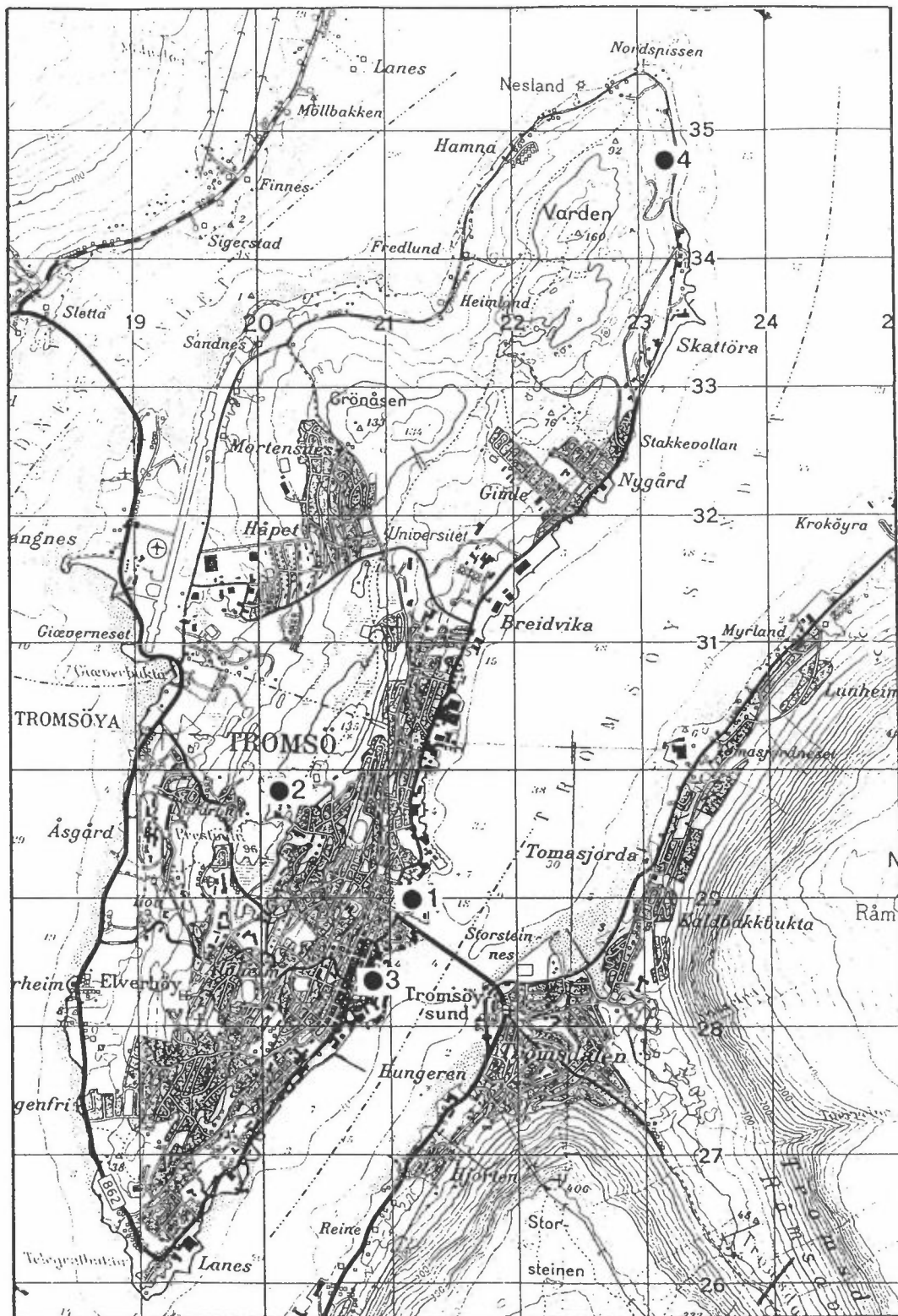
Timemidlete målinger av konsentrasjoner av NO, NO₂, NO_x, ozon og CO danner grunnlaget for beskrivelse av luftkvalitet i Tromsø. Meteorologiske målinger vil bli benyttet sammen med data for utslipp til å beregne spredning og utbredelse av luftforurensningene i området.

På oppdrag fra kommunen utførte NILU døgnmålinger av NO₂ og sot i Ørndalen av hensyn til beboerne nær et planlagt søppelforbrenningsanlegg. Målingene ble utført for teknisk avdeling i kommunen. Resultatet av disse målingene beskrives og vurderes i sammenheng med målingene i denne undersøkelsen i Tromsø sentrum.

I forbindelse med Statens forurensningstilsyns (SFT) overvåkingsprogram måles NO₂ og sot ved Strandtorget. Resultatet av disse målingene publiseres i årlige overvåkingsrapporter. I denne undersøkelsen vil målingene ved Strandtorget bli benyttet til å beskrive konsentrasjonsvariasjoner i Tromsø og til å vurdere representativiteten av måleperioden i forhold til andre sommerperioder.

2 INSTRUMENTERING OG STASJONSPASSERING

Målestasjonenes plassering er angitt på kartutsnittet i figur 1.



Figur 1: Kartutsnittet viser målestasjonenes plassering i Tromsø.

1. Fr. Nansens plass.
2. Prestvannsveien.
3. Sjøgata.
4. Ørndalen.

Meteorologiske data ble målt i en 10 m høy mast på Fr. Nansens plass. En automatisk værstasjon (AWS) logger data hvert 5. minutt på magnetbånd, som gir grunnlag for beregning av time-middelverdier som så lagres månedsvis.

Følgende meteorologiske parametre ble målt:

- Temperatur, 10 m over bakken
- Temperaturdifferansen mellom 10 m og 2 m
- Vindretning, 10 m over bakken
- Vindstyrke, 10 m over bakken
- Standardavvik i vindretningsfluktasjonen, 10 m over bakken (midlet over 1 time)
- Standardavviket i vindretningsfluktasjonen, 10 m over bakken (midlet over 5 minutter)

I tillegg ble det på Fr. Nansens plass målt timemidlet konsentrasjon av nitrogenoksider (NO , NO_x og NO_2). Måle-instrumentet er amerikansk med typebetegnelse " NO_x -analyser ML model 8840".

Ved Prestvannsveien ble det også målt timemidlet konsentrasjon av nitrogenoksider og i tillegg ozon (O_3). Måle-instrumentet for ozon er amerikansk med typebetegnelse "Ozone-analyser ML model 8810".

På en tredje stasjon i Sjøgata ble det målt timemidlet konsentrasjoner av karbonmonoksid (CO). Måle-instrumentet er amerikansk med typebetegnelse " CO -analyser ML model 8830".

Det ble også målt døgnmidlete konsentrasjoner av NO_2 og sot på en bakgrunnsstasjon i Ørndalen langt nord på Tromsøya.

De kontinuerlige registreringer av meteorologi og luftkvalitet som plot finnes i vedlegg B, mens døgnmidlede målinger fra Ørndalen finnes i tabeller i vedlegg C.

3 DATAKVALITET OG TILGJENGELIGHET

Figur 2 viser datatilgjengeligheten for de ulike timemidlede data for meteorologi og luftkvalitet fra Tromsø i perioden juni-september 1990. Manglende data i kortere perioder enn 12 timer er ikke markert på figur 2.

PARAMETER	JUNI	JULI	AUGUST	SEPTEMBER
FR. NANSENS PLASS				
1 Temperatur	—————	—————	—————	—————
2 Temperaturdifferanse	—————	—————	—————	—————
3 Vindretning	—————	—————	—————	—————
4 Vindstyrke	—————	—————	—————	—————
5 Horisontal turbulens - 5 min	—————	—————	—————	—————
6 Horisontal turbulens - 1h	—————	—————	—————	—————
7 Nitrogenoksider (NO _x)	—————	—————	—————	—————
8 Nitrogenmonoksid (NO)	—————	—————	—————	—————
9 Nitrogendioksid (NO ₂)	—————	—————	—————	—————
PRESTVANNNSVEIEN				
1 Nitrogenoksider (NO _x)	—————	—————	—————	—————
2 Nitrogenmonoksid (NO)	—————	—————	—————	—————
3 Nitrogendioksid (NO ₂)	—————	—————	—————	—————
4 Ozon (O ₃)	—————	—————	—————	—————
SJØGATA				
1 Karbonmonoksid (CO)	—————	—————	—————	—————

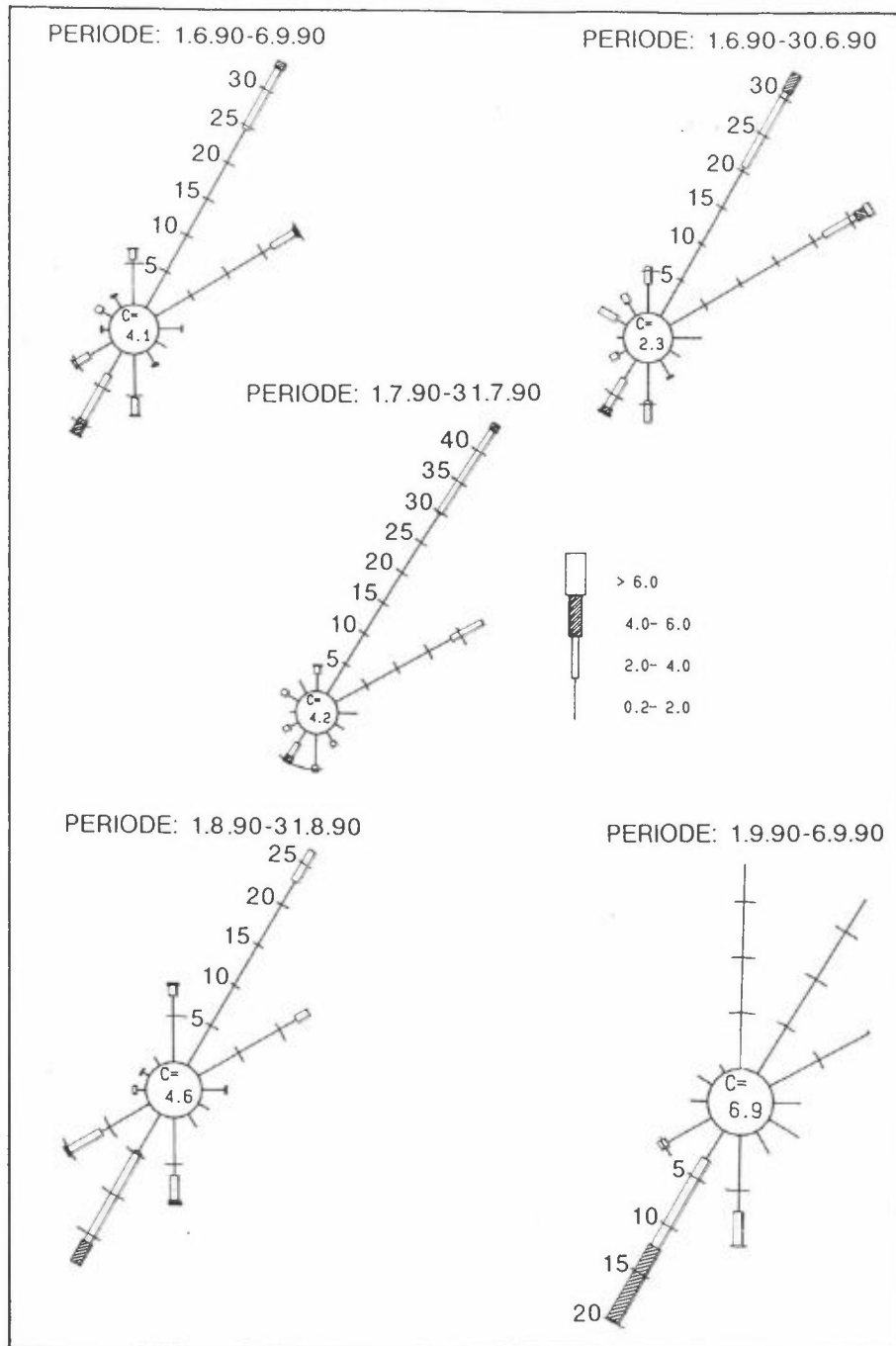
Figur 2: Datatilgjengelighet fra Tromsø, juni-september 1990.

Målingene er korrigert før den statistiske bearbeidelsen, og tekniske feil er rettet opp. De data som er brukt i denne rapporten antas å være av god kvalitet.

4 VINDFORHOLD

4.1 VINDRETNINGSFORDELING

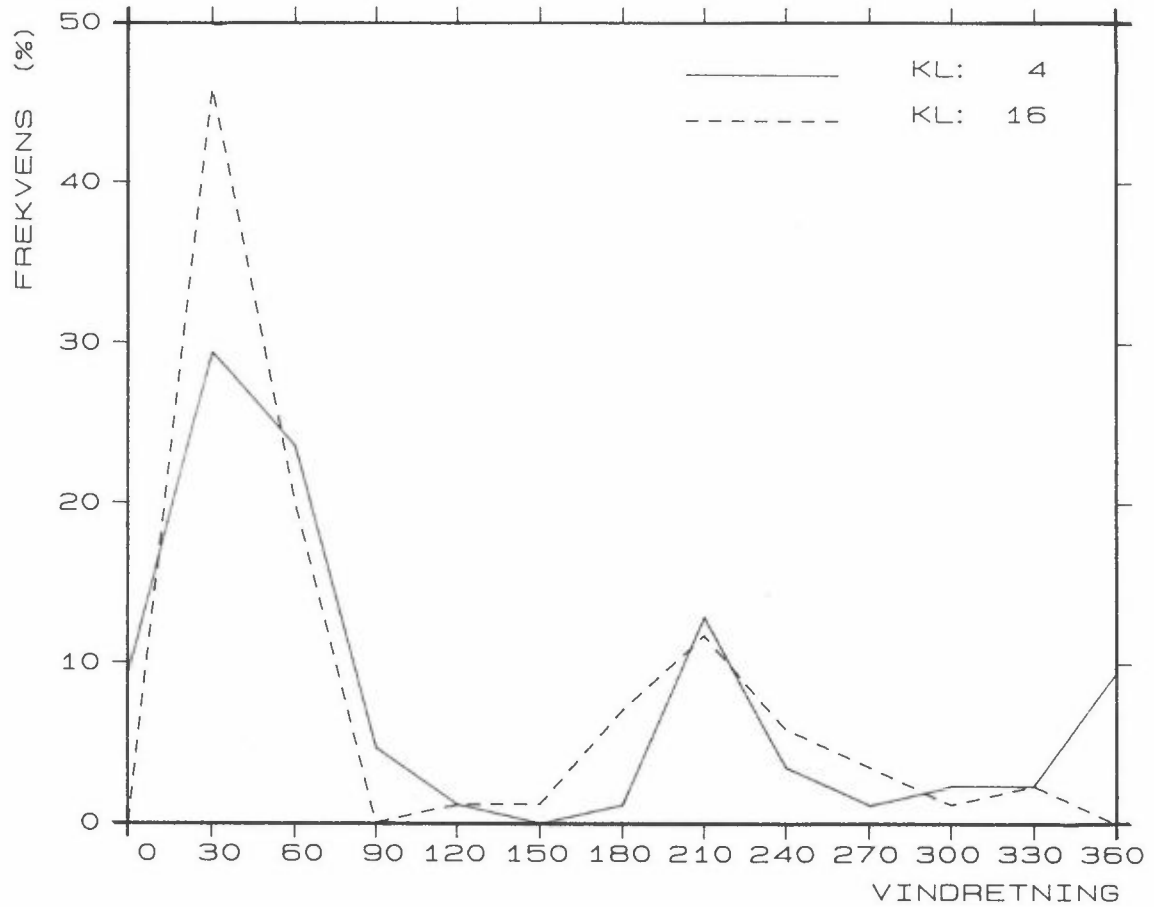
Figur 3 viser vindroser fra Fr. Nansens plass i perioden juni-september 1990 med prosentvis frekvens av vind fra ulike retninger. Resultatene er i tillegg presentert i tabeller i vedlegg A, og timeverdier som tidsplott er vist i vedlegg B.



Figur 3: Vindroser fra Tromsø, juni-september 1990. (Vindrose viser hvor ofte det blåser fra de ulike retningene).
C = prosent vindstille.

Det blåste oftest fra nord-nordøst i Tromsø i perioden juni-september 1990. Dette var tilfelle hele døgnet som vist på figur 4.

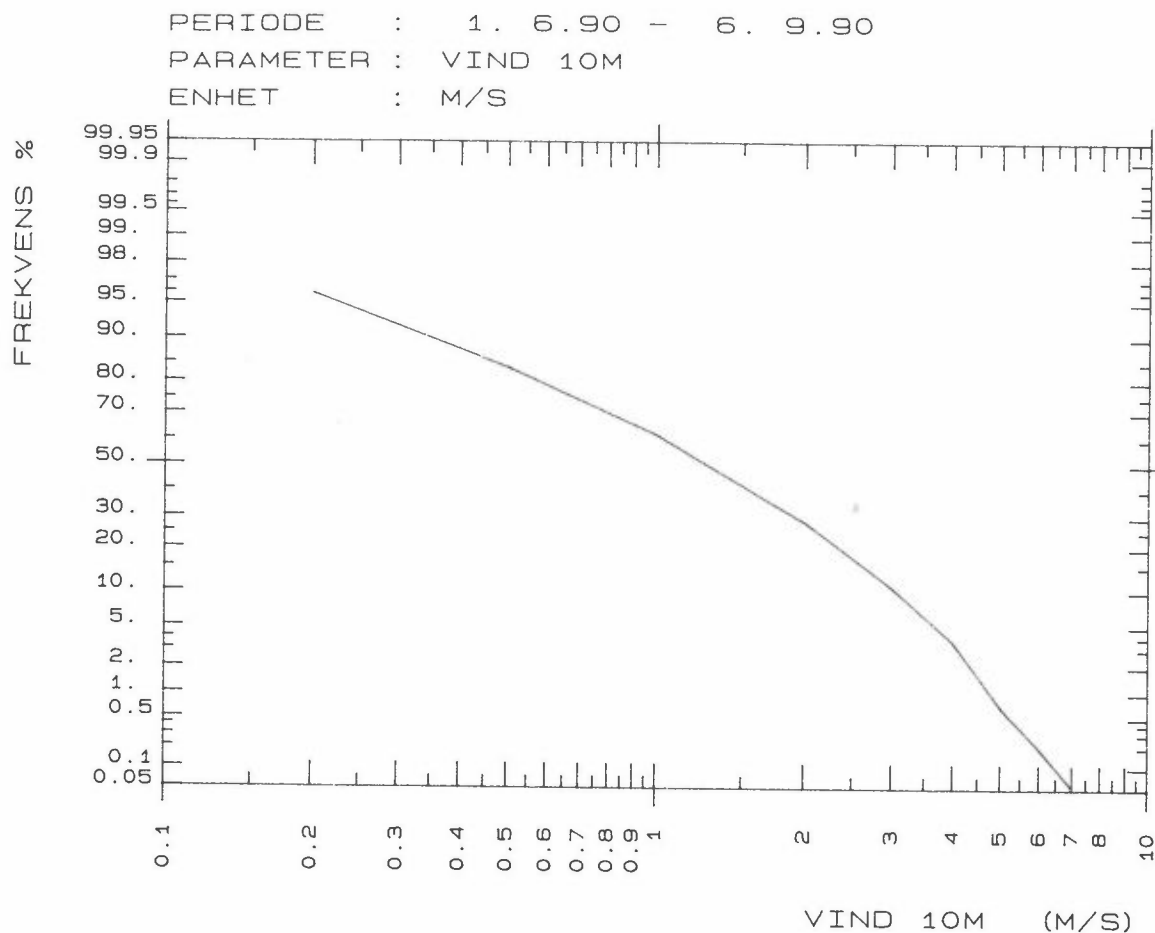
PERIODE : 1. 6.90 - 6. 9.90
 HYPPIGHET AV VIND/ VINDRETNING



Figur 4: Frekvens av vind i ulike retninger på to utvalgte klokkeslett, kl. 0400 og kl. 1600. Tromsø, juni-september 1990.

4.2 VINDSTYRKEFORDELING

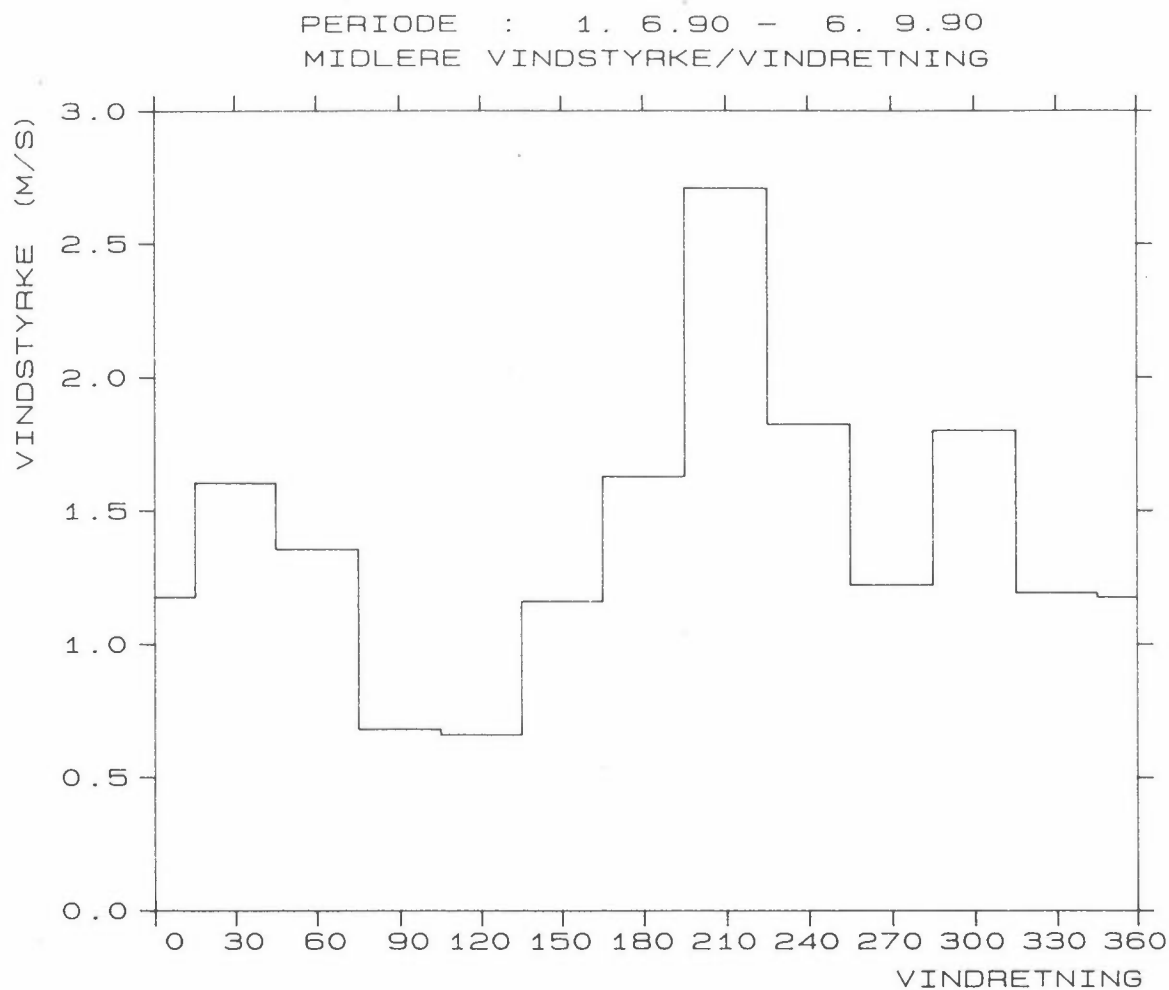
Figur 5 viser vindstyrkefordelingen i Tromsø i perioden juni-september 1990.



Figur 5: Kumulativ vindstyrke Tromsø, juni-september 1990.

Middelvindstyrken i Tromsø i perioden juni-september 1990 var 1,6 m/s. I 10-års perioden 1941-50 var middelvindstyrken i Tromsø 2,2 m/s i juni, juli og august. Den største timemidlete vindstyrken ble målt den 18. juni kl. 1000 og var 8,0 m/s fra sør-sørvest. Vindstyrker over 4,0 m/s ble kun målt i 3,7% av tiden. Det var 4,1% vindstille i perioden.

Figur 6 viser middelvindstyrken for 12 vindretninger for hele måleperioden. For ytterligere informasjon, se vedlegg A (vindfrekvenstabeller).



Figur 6: Middelvindstyrke for 12 vindretninger i Tromsø, juni-september 1990.

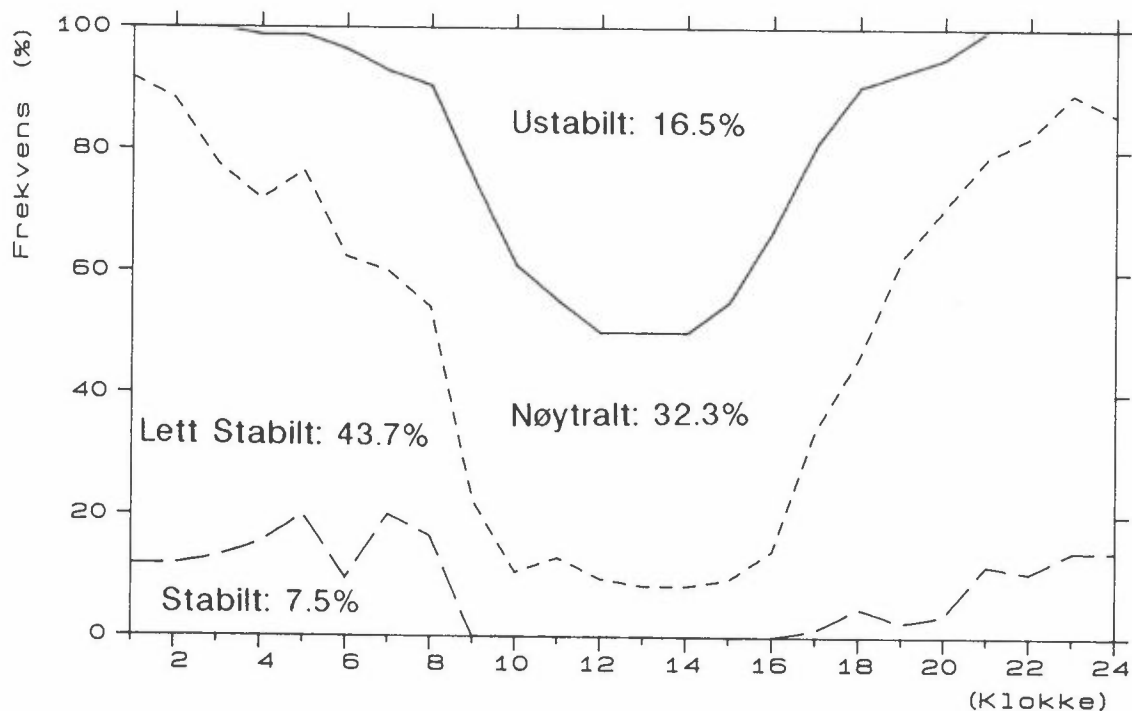
5 STABILITETSFORHOLD

Stabilitetsforholdene er gitt ved temperaturforskjellen målt mellom 10 meter og 2 meter over bakken. Inndelingen i fire stabilitetsklasser bygger på følgende kriterier;

Ustabil	:	$dT < - 0,5^0 C$
Nøytral	:	$- 0,5^0 C \leq dT < 0,0^0 C$
Lett stabil	:	$0,0^0 C \leq dT < 0,5^0 C$
Stabil	:	$dT \geq 0,5^0 C$

Stabilitetsforholdene er grafisk fremstilt i figur 7 og i tabellform i vedlegg A. I vedlegg B finnes tidsplott av timeverdier for perioden juni-september 1990.

Stasjon: FR NANSENS Plass
 Periode: JUN-SEP 1990
 Data : Delta T (10-2) m

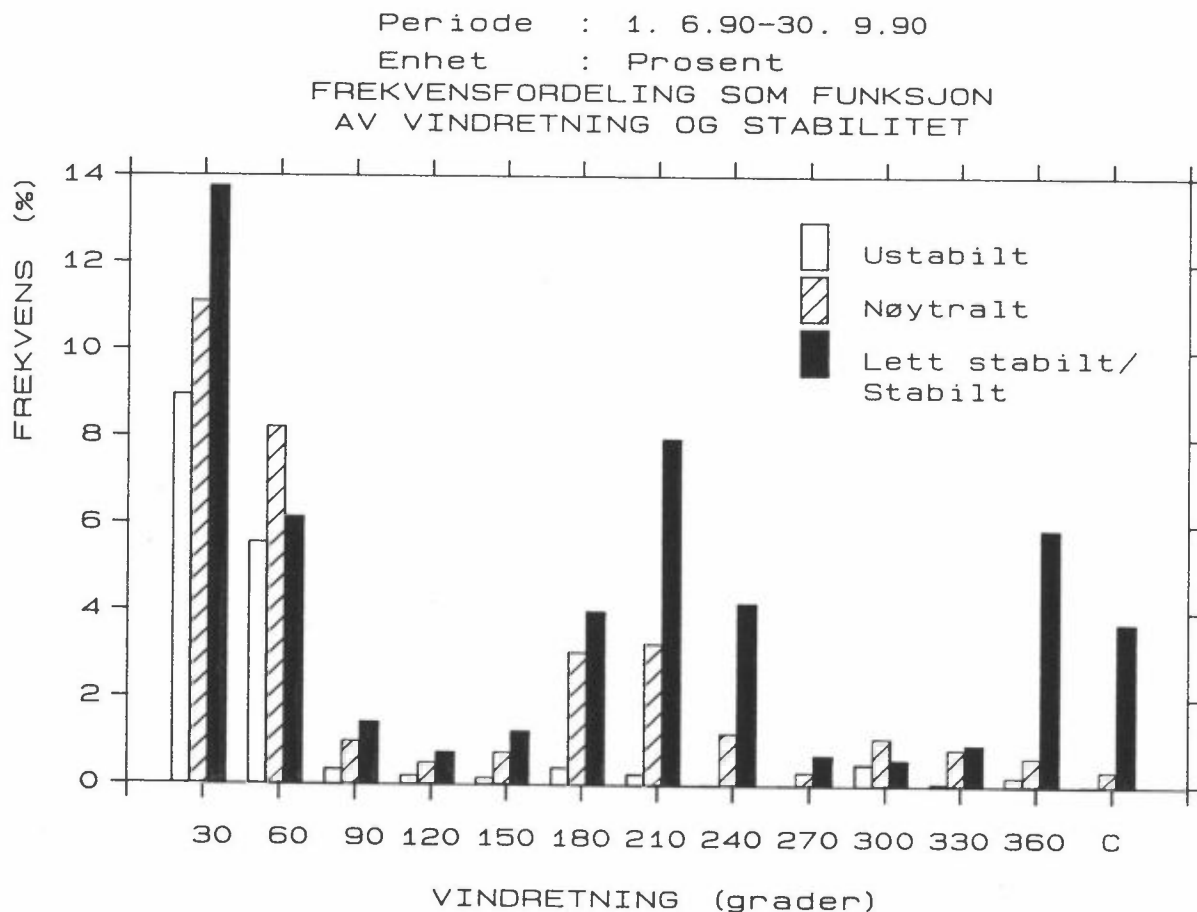


Figur 7: Fordeling av stabilitetsklasser over døgnet i Tromsø, juni-september 1990.

Det var oftest lett stabil sjiktning (43,7%) over Tromsø i perioden juni-september 1990. Det var ustabile forhold i 16,5% av tiden.

6 FREKVENNS AV VIND/STABILITET

Figur 8 viser frekvenser av lett stabil/stabil (inversjonsforhold), nøytral og ustabil sjiktning for 12 vindretninger over Tromsø i perioden juni-september 1990.



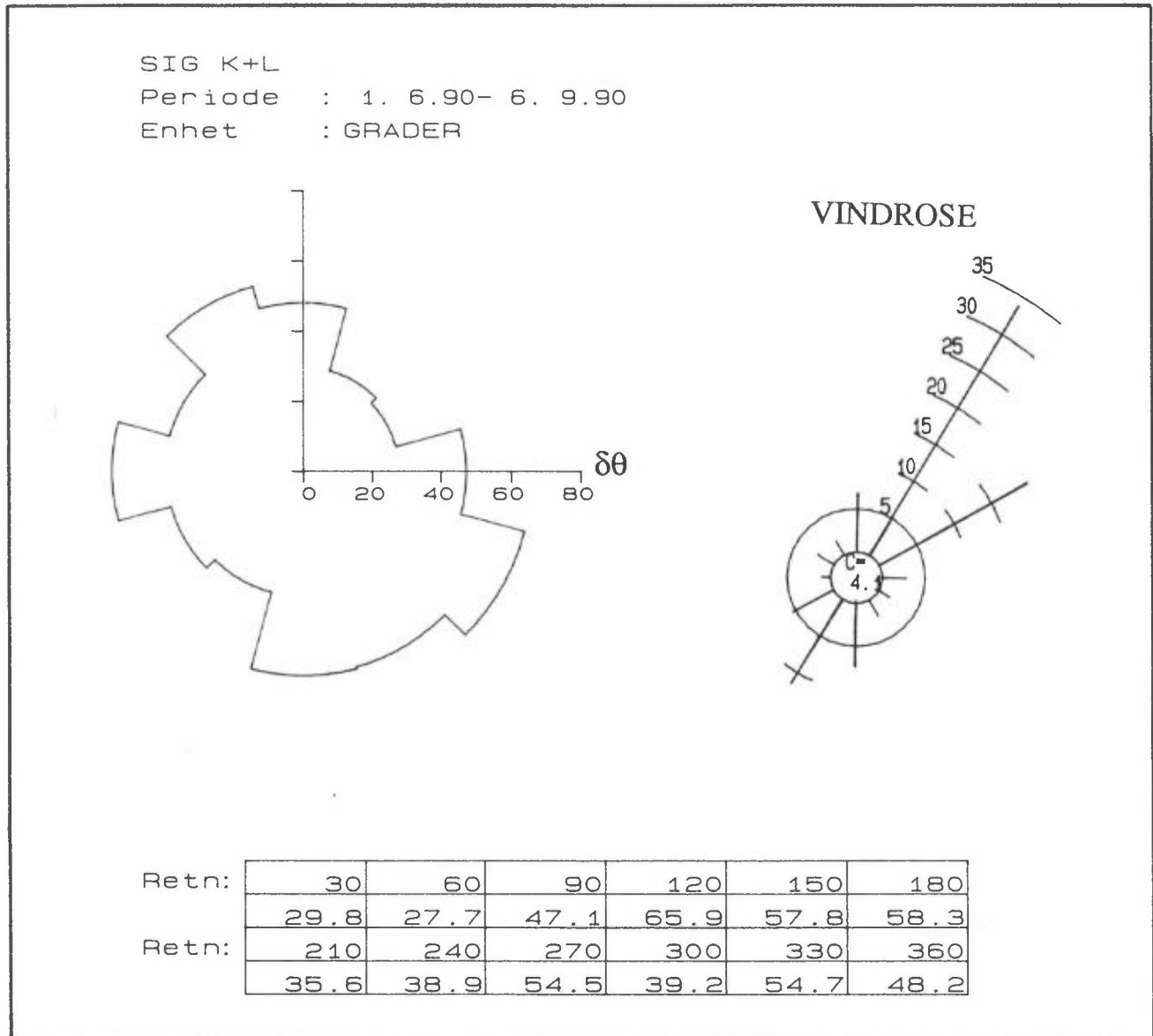
Figur 8: Frekvenser av lett stabil/stabil, nøytral og ustabil sjiktning. Tromsø, juni-september 1990.

Stabile forhold forekom oftest ved svake vinder (0-2 m/s) fra nordlig kant. Tabell A7 i vedlegg A viser frekvenser av vind og stabilitet, basert på stabilitets- og vinddata fra 10 meters masta på Fr. Nansens plass i Tromsø i perioden juni-september 1990.

7 HORIZONTAL TURBULENS

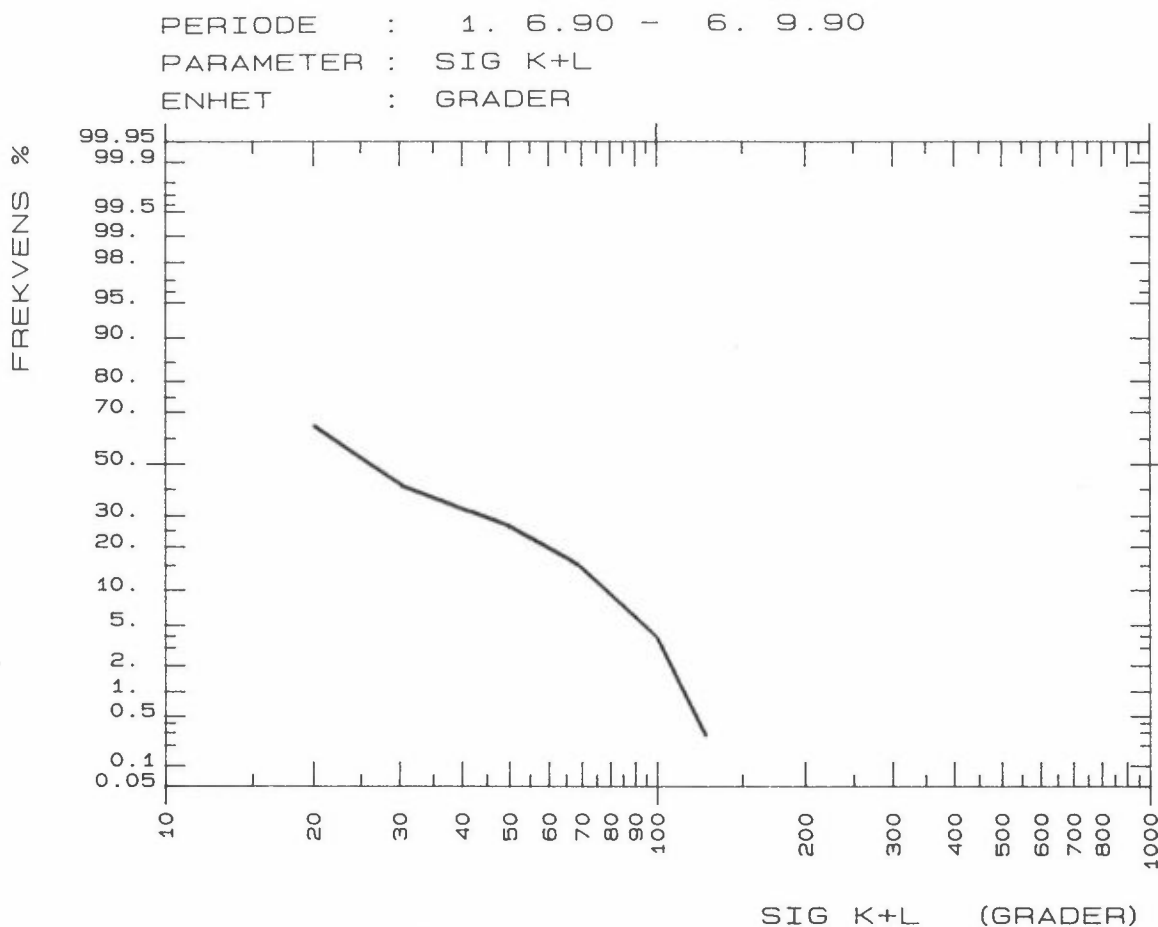
Standardavviket i den horisontale vindretningsfluktuasjonen er et mål for den horisontale spredningen av luftforurensninger. Midlere verdier av dette standardavviket er gitt i tabell A8 i vedlegg A. Figur 9 viser midlere verdier av standardavviket for 12 vindretningsklasser.

Det største midlere standardavviket av den horisontale vindretningsfluktasjonen ble observert ved vind fra sørøstlig kant, da vinden blåste på tvers av Tromsøsundet.



Figur 9: Midlere verdier av standardavviket av horisontal turbulens (timesverdier) for 12 vindretningsklasser. Tromsø, juni-september 1990.

Kumulativ frekvensfordeling av standardavviket av horisontal turbulens er vist i figur 10.



Figur 10: Kumulativ frekvensfordeling av de ulike verdier av standardavviket av horisontal turbulens midlet over 1 time i Tromsø, juni-september 1990.

8 TEMPERATUR

Timevise temperaturdata er presentert som tidsplott i vedlegg B, og månedsvise temperaturdata er presentert i tabell A9 i vedlegg A.

Tabell 1 gir et kort resyme over temperaturforholdene på Tromsø i perioden juni-september 1990.

Tabell 1: Minimum-, maksimum- og middeltemperatur fra Tromsø, juni-september 1990.

Måned	Temperatur						Normal	
	Minimum	Dato	kl	Maksimum	Dato	kl		Middel
Juni 90	6,3	13.	22	21,4	22.	12	11,4	7,7
Juli 90	7,2	1.	05	21,9	6.	19	12,7	11,4
August 90	5,8	27.	04	24,9	17.	13	12,6	10,6

9 LUFTKVALITET

9.1 RESULTATER FRA LUFTKVALITETSMÅLINGER I TROMSØ

Det ble i perioden juni-september 1990 målt timemidlede verdier av nitrogenoksider, karbonmonoksid og ozon i Tromsø. Tabell 2 gir et sammendrag av målingene. I vedlegg B finnes tidsplott av målingene, og i vedlegg D finnes figurer som viser månedsvise frekvensfordelinger m.v.

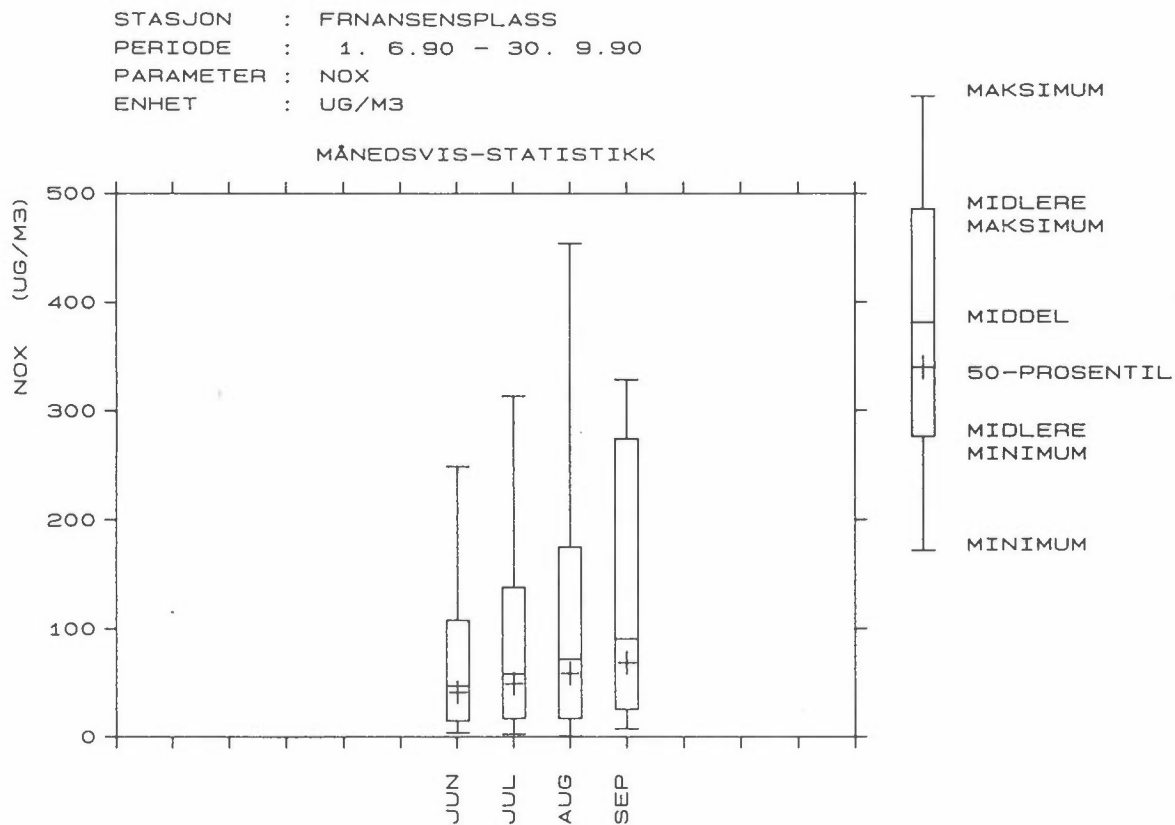
Tabell 2: Resultater av timemidlede målinger av luftkvalitet på tre stasjoner i Tromsø. Tabellen viser månedlige middelerverdier, maksimumsverdier og tilgjengelighet for data for hver måned.

Enheter: Konsentrasjoner av NO, NO_x, NO₂ og O₃ i µg/m³. Konsentrasjoner av CO i mg/m³.

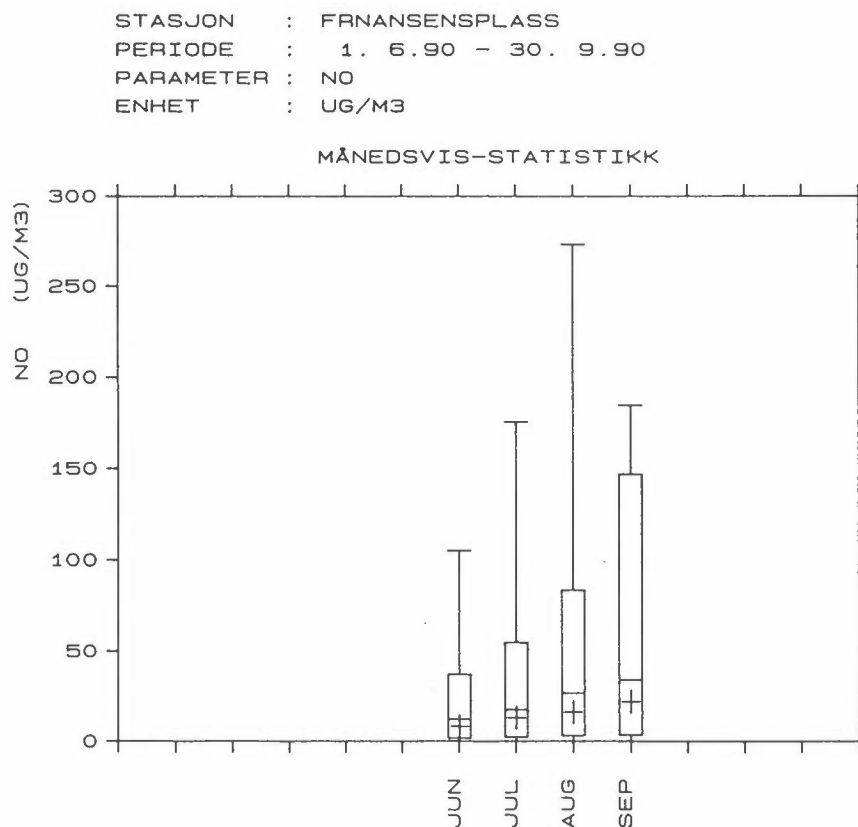
STASJON/PARAMETER	JUNI			JULI			AUGUST			SEPTEMBER*		
	Midd	Maks	Tilgj.	Midd	Maks	Tilgj.	Midd	Maks	Tilgj.	Midd	Maks	Tilgj.
Fr. Nansens Plass												
NO _x	47,7	249,1	64,2%	58,7	313,4	99,6%	72,3	454,4	99,6%	90,8	328,4	21,0%
NO	12,2	105,1	64,2%	17,5	175,7	99,6%	26,6	273,4	99,6%	34,0	184,7	21,0%
NO ₂	29,0	95,6	64,2%	31,9	78,2	99,6%	31,6	83,0	99,6%	38,9	79,7	21,0%
Prestvannsveien												
NO _x	5,3	37,3	61,3%	6,1	35,4	99,3%	10,0	67,2	49,2%	-	-	-
NO	0,8	7,3	61,3%	0,7	9,5	99,3%	2,5	28,6	49,2%	-	-	-
NO ₂	4,2	31,5	61,3%	5,0	25,4	99,3%	6,2	31,5	49,2%	-	-	-
O ₃	56,1	87,1	61,3%	43,2	85,1	99,3%	41,2	88,1	49,2%	-	-	-
Sjøgata												
CO	1,6	9,8	61,9%	1,6	7,9	99,5%	2,0	8,6	99,5%	1,9	5,1	21,0%

*Kun 7 dager med data

Figur 11-18 viser månedsvis statistikk for timesmidlede luftkvalitetsdata fra Tromsø i perioden juni-september 1990.

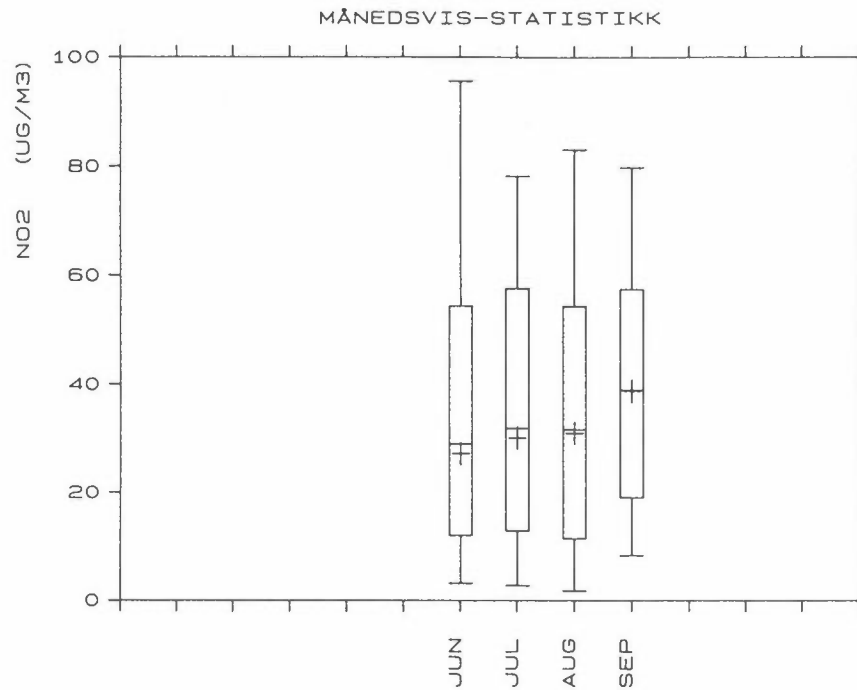


Figur 11: NO_x, Fr. Nansens plass. Månedlig statistikk.



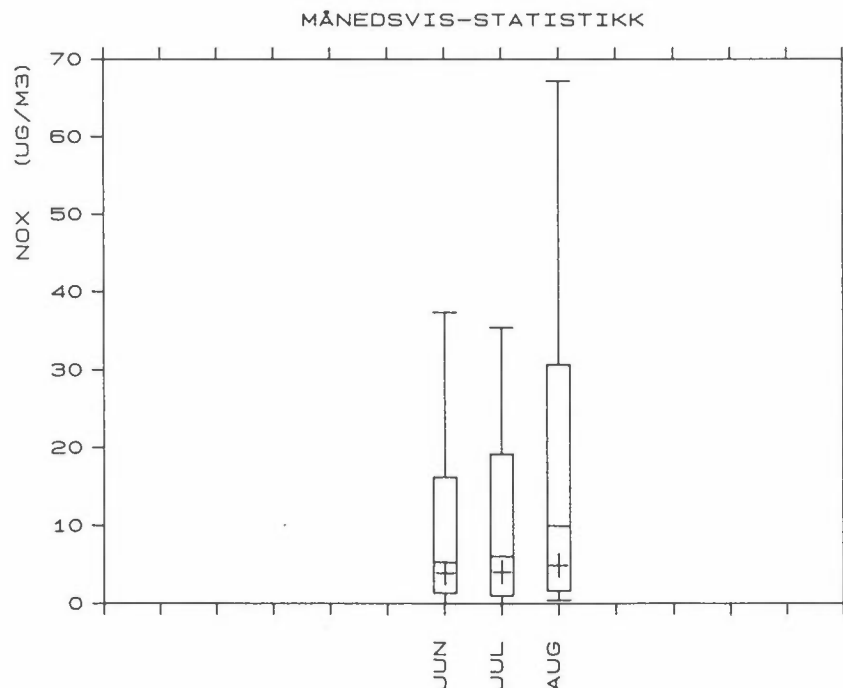
Figur 12: NO, Fr. Nansens plass. Månedlig statistikk.

STASJON : FRNANSENSPLASS
 PERIODE : 1. 6.90 - 30. 9.90
 PARAMETER : NO2
 ENHET : UG/M3



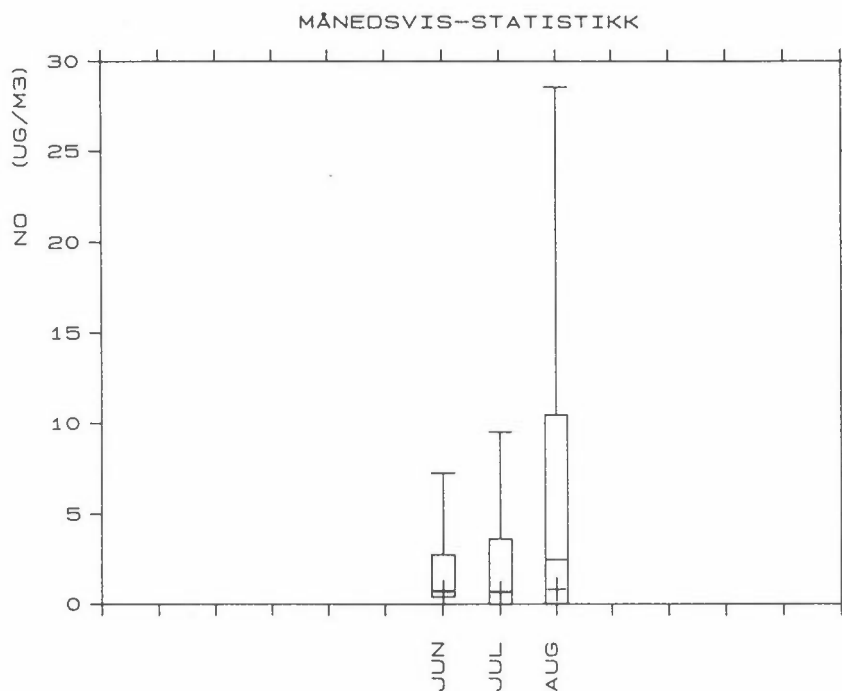
Figur 13: NO₂, Fr. Nansens plass. Månedlig statistikk.

STASJON : PRESTVANNSEVEIEN
 PERIODE : 1. 6.90 - 31. 8.90
 PARAMETER : NOX
 ENHET : UG/M3



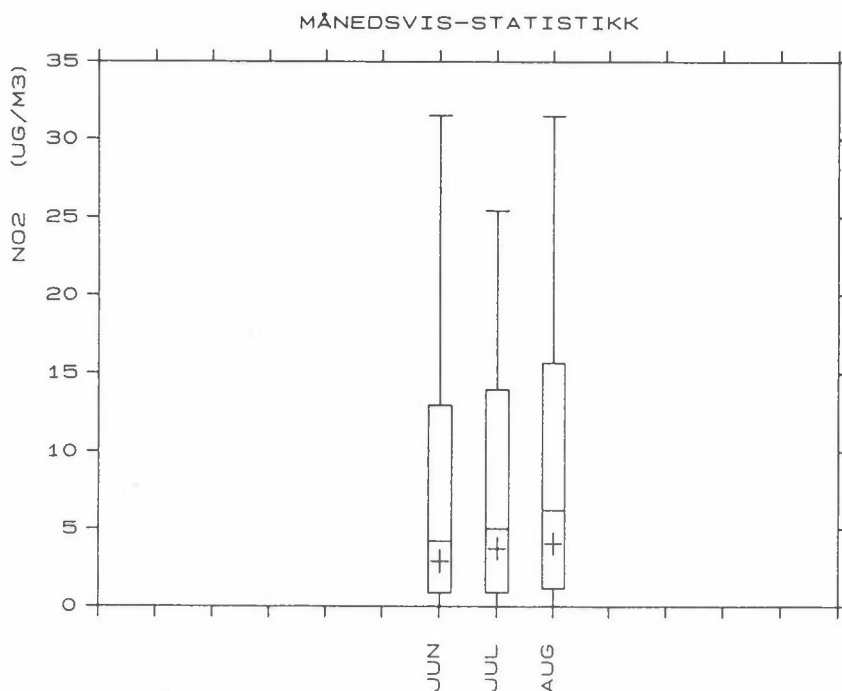
Figur 14: NO_x, Prestvannsveien. Månedlig statistikk.

STASJON : PRESTVANNSVEIEN
 PERIODE : 1. 6.90 - 31. 8.90
 PARAMETER : NO
 ENHET : UG/M3



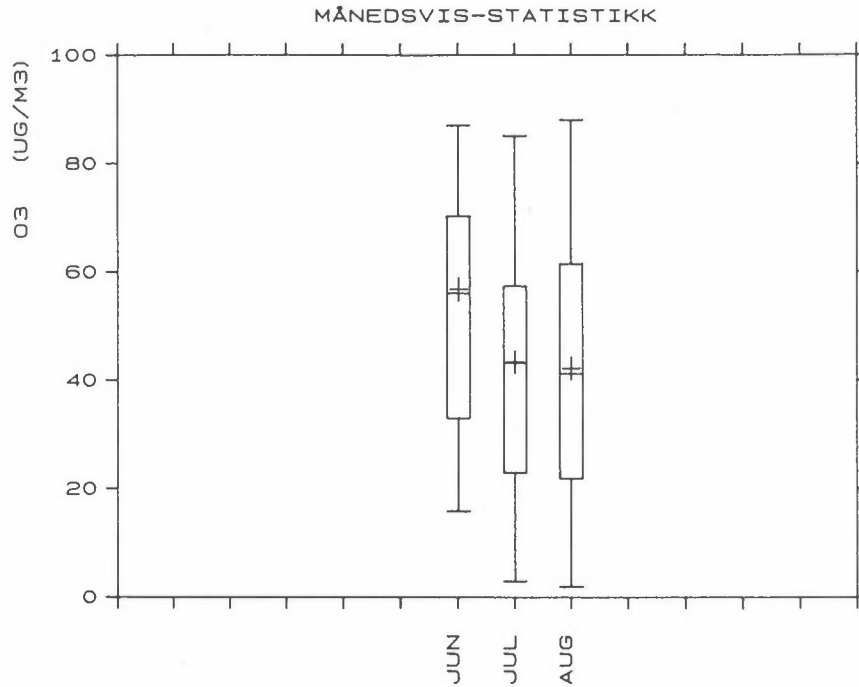
Figur 15: NO, Prestvannsveien. Månedlig statistikk.

STASJON : PRESTVANNSVEIEN
 PERIODE : 1. 6.90 - 31. 8.90
 PARAMETER : NO2
 ENHET : UG/M3



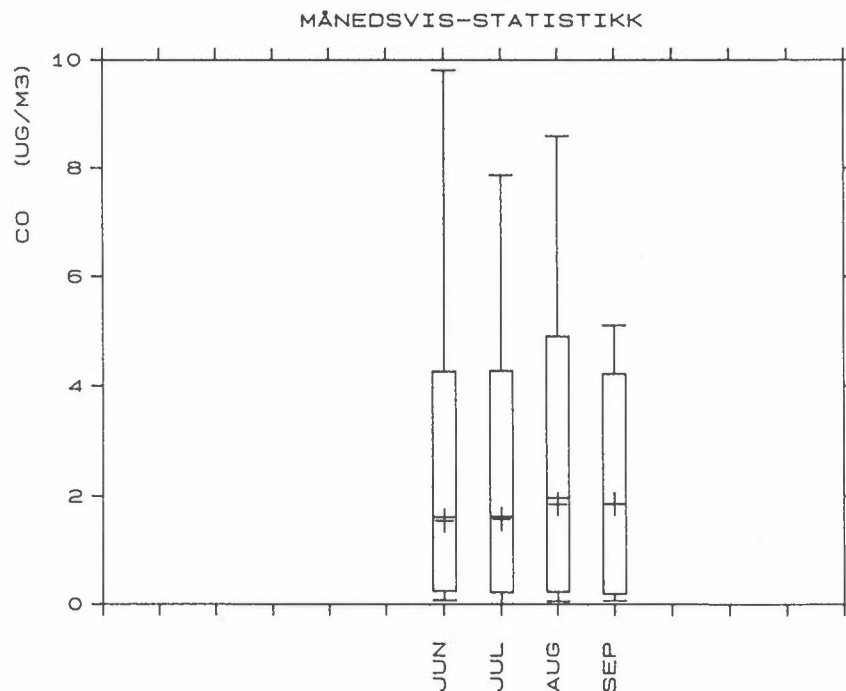
Figur 16: NO₂, Prestvannsveien. Månedlig statistikk.

STASJON : PRESTVANNSEIEN
PERIODE : 1. 6.90 - 31. 8.90
PARAMETER : O3
ENHET : UG/M3



Figur 17: O₃, Prestvannsveien. Månedlig statistikk.

STASJON : SJOGATA
PERIODE : 1. 6.90 - 30. 9.90
PARAMETER : CO
ENHET : UG/M3



Figur 18: CO, Sjøgata. Månedlig statistikk.

9.2 RESULTATER FRA LUFTKVALITETSMÅLINGER I ØRNDALEN

Det ble i perioden juni-september 1990 målt døgnmidlete verdier av NO₂ og sot i Ørndalen. Månedsmiddelverdiene er presentert i vedlegg C. Tabell 3 og 4 gir et resyme av målingene.

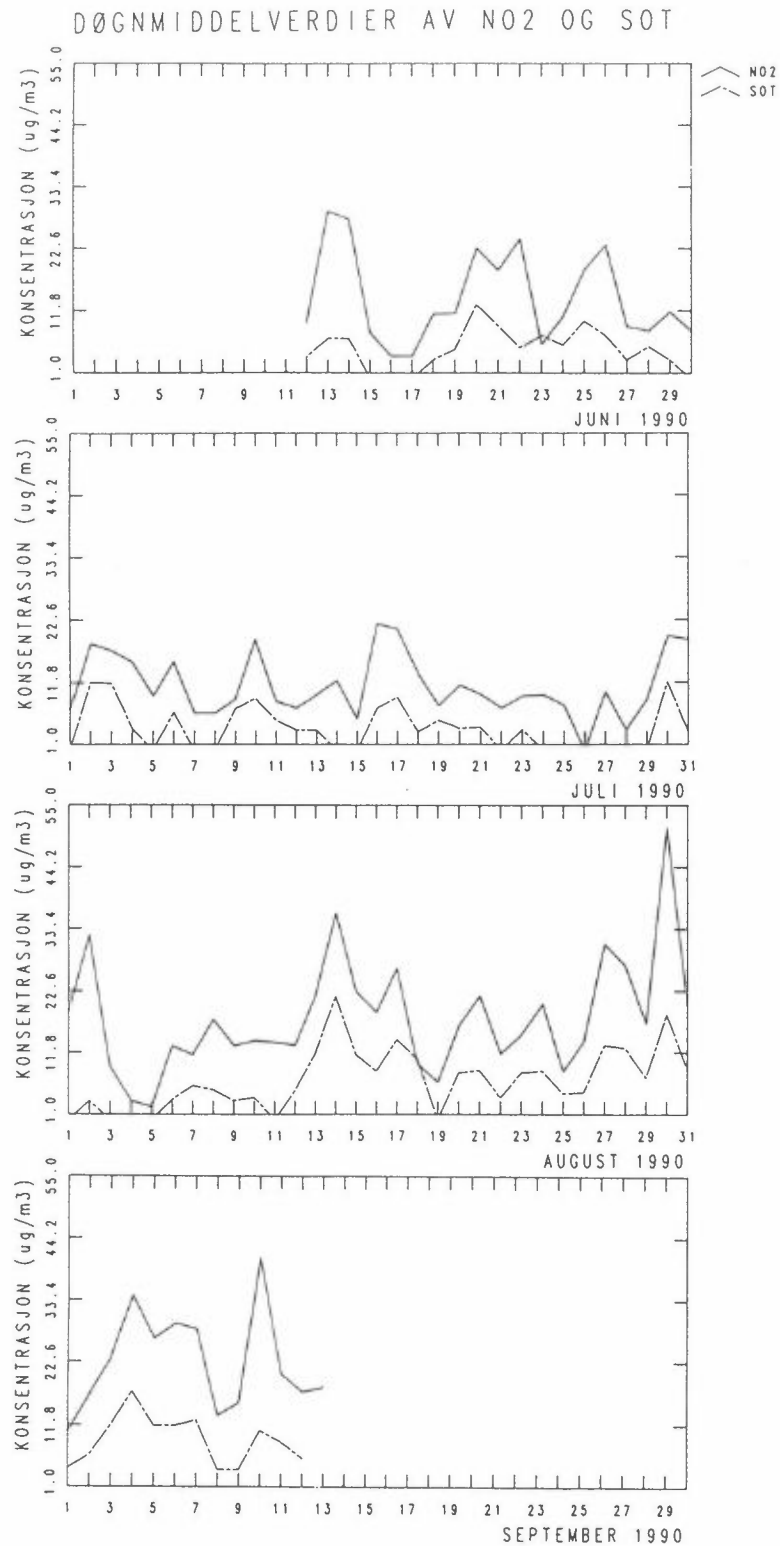
Tabell 3: Nitrogendioksidkonsentrasjoner. Ørndalen, juni-oktober 1990.
Enhet: µg/m³.

Måned	Konsentrasjon			Antall obs
	Maksimum	Dato	Middel	
Juni 90	29,2	13.	14,1	19
Juli 90	22,0	16.	11,7	30
August 90	51,2	30.	18,1	31
September 90	41,0	10.	22,9	13

Tabell 4: Sotkonsentrasjoner. Ørndalen, juni-oktober 1990.
Enhet: µg/m³.

Måned	Konsentrasjon			Antall obs
	Maksimum	Dato	Middel	
Juni 90	12,9	20.	5,1	19
Juli 90	11,9	30.	3,8	30
August 90	21,6	14.	7,0	31
September 90	17,5	4.	9,1	12

Figur 19 viser døgnmiddelverdier av nitrogendioksid og sot fra Ørndalen, juni-oktober 1990.



Figur 19: Døgnmiddelverdier av nitrogendioksid i Ørndalen. Tromsø, juni-september 1990.

VEDLEGG A

Statistisk bearbejdede meteorologiske data
fra Tromsø, juni-september 1990

- Tabell A1: Vindfrekvenser (vindroser) fra Tromsø, juni-september 1990.
- Tabell A2: Vindfrekvenser (vindroser) fra Tromsø 12.-30. juni 1990.
- Tabell A3: Vindfrekvenser (vindroser) fra Tromsø, juli 1990.
- Tabell A4: Vindfrekvenser (vindroser) fra Tromsø, august 1990.
- Tabell A5: Vindfrekvenser (vindroser) fra Tromsø, 1.-6. september 1990.
- Tabell A6: Frekvens av stabilitetsklasser som funksjon av tid på døgnet. Stabilitetsklassene er basert på målinger av temperaturforskjellen mellom 10 m og 2 m. Fr. Nansens plass, juni-september 1990.
- Tabell A7: Frekvens av vindhastighet og stabilitetsklasser som funksjon av vindretning basert på data fra Fr. Nansens plass, juni-september 1990.
- Tabell A8: Horisontal turbulens som funksjon av vindretning og stabilitet i 4 vindstyrkeklasser. Fr. Nansens plass, juni-september 1990.
- Tabell A9: Månedsvis temperaturstatistikk fra Tromsø, juni-september 1990. Middel-, maksimum- og minimumstemperatur samt midlere fordeling.

Tabell A1: Vindfrekvenser (vindroser) fra Tromsø, juni-september 1990.

STASJON : FR NANSENS Plass

PERIODE : 01.06.90 - 06.09.90

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) VIND- RETNING	KLOKKESLETT								
	01	04	07	10	13	16	19	22	VIND- ROSE
30	36.5	29.4	25.9	20.0	35.7	45.9	42.4	36.5	33.8
60	11.8	23.5	24.7	31.8	17.9	20.0	16.5	14.1	19.9
90	2.4	4.7	2.4	5.9	3.6	.0	3.5	.0	2.8
120	.0	1.2	3.5	3.5	2.4	1.2	.0	1.2	1.4
150	1.2	.0	7.1	5.9	1.2	1.2	2.4	1.2	2.1
180	3.5	1.2	14.1	11.8	9.5	7.1	8.2	3.5	7.4
210	9.4	12.9	9.4	11.8	21.4	11.8	4.7	10.6	11.4
240	11.8	3.5	3.5	4.7	3.6	5.9	7.1	2.4	5.4
270	.0	1.2	1.2	.0	.0	3.5	.0	.0	1.0
300	1.2	2.4	2.4	2.4	4.8	1.2	2.4	1.2	2.2
330	3.5	2.4	2.4	.0	.0	2.4	.0	2.4	1.8
360	11.8	9.4	2.4	.0	.0	.0	11.8	16.5	6.7
STILLE	7.1	8.2	1.2	2.4	.0	.0	1.2	10.6	4.1
ANT.OBS (	85)	(85)	(85)	(85)	(84)	(85)	(85)	(85)	(2035)
MIDLERE									
VIND M/S	1.0	1.0	1.3	1.9	2.2	1.9	1.6	1.2	1.6

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

KLASSE I: VINDSTYRKE .3 - 2.0 M/S
 KLASSE II: VINDSTYRKE 2.1 - 4.0 M/S
 KLASSE III: VINDSTYRKE 4.1 - 6.0 M/S
 KLASSE IV: VINDSTYRKE > 6.0 M/S

*) VIND- RETNING	KLASSER					TOTAL	NOBS	MIDLERE VIND M/S
	I	II	III	IV				
30	24.5	8.4	.9	.0	33.8	(688)	1.6	
60	16.3	3.2	.3	.1	19.9	(405)	1.4	
90	2.7	.0	.0	.0	2.8	(56)	.7	
120	1.4	.0	.0	.0	1.4	(29)	.7	
150	1.8	.3	.0	.0	2.1	(43)	1.2	
180	5.3	2.0	.1	.0	7.4	(151)	1.6	
210	3.2	6.2	1.9	.0	11.4	(233)	2.7	
240	3.2	2.1	.0	.0	5.4	(109)	1.8	
270	.8	.1	.0	.0	1.0	(20)	1.2	
300	1.3	.8	.0	.0	2.2	(44)	1.8	
330	1.6	.2	.0	.0	1.8	(37)	1.2	
360	5.4	1.2	.1	.0	6.7	(137)	1.2	
STILLE					4.1	(83)		
TOTAL	67.6	24.7	3.4	.2	100.0	(2035)		
MIDLERE								
VIND M/S	1.0	2.7	4.6	6.7			1.6	

*) DETTE TALLET ANGIR SENTRUM AV VINDSEKTOR

Tabell A2: Vindfrekvenser (vindroser) fra Tromsø, 12.-30. juni 1990.

STASJON : FR NANSENS PLASS
PERIODE : 01.06.90 - 30.06.90

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) VIND- RETNING	KLOKKESLETT									VIND- ROSE
	01	04	07	10	13	16	19	22	ROSE	
30	27.8	22.2	16.7	29.4	50.0	47.4	42.1	36.8	33.3	
60	33.3	38.9	38.9	29.4	11.1	31.6	21.1	26.3	27.8	
90	5.6	16.7	.0	5.9	5.6	.0	.0	.0	3.4	
120	.0	5.6	.0	.0	.0	.0	.0	.0	1.4	
150	.0	.0	5.6	5.9	.0	.0	5.3	.0	2.5	
180	5.6	.0	11.1	17.6	11.1	.0	10.5	.0	7.1	
210	5.6	5.6	16.7	5.9	16.7	10.5	.0	5.3	7.5	
240	5.6	5.6	.0	.0	.0	.0	.0	.0	2.1	
270	.0	.0	.0	.0	.0	5.3	.0	.0	.7	
300	.0	5.6	5.6	5.9	5.6	.0	5.3	.0	3.6	
330	5.6	.0	5.6	.0	.0	5.3	.0	.0	3.0	
360	5.6	.0	.0	.0	.0	.0	15.8	10.5	5.5	
STILLE	5.6	.0	.0	.0	.0	.0	.0	21.1	2.3	
ANT.OBS (	18)	(18)	(18)	(17)	(18)	(19)	(19)	(19)	(439)
MIDLERE VIND M/S	1.0	1.2	2.0	2.7	2.4	2.2	1.5	.9	1.8	

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

KLASSE I: VINDSTYRKE .3 - 2.0 M/S
KLASSE II: VINDSTYRKE 2.1 - 4.0 M/S
KLASSE III: VINDSTYRKE 4.1 - 6.0 M/S
KLASSE IV: VINDSTYRKE > 6.0 M/S

*) VIND- RETNING	KLASSER				TOTAL	NOBS	MIDLERE VIND M/S
	I	II	III	IV			
30	20.5	10.3	2.5	.0	33.3	(146)	2.0
60	21.4	4.3	1.4	.7	27.8	(122)	1.6
90	3.4	.0	.0	.0	3.4	(15)	.8
120	1.4	.0	.0	.0	1.4	(6)	.8
150	2.3	.2	.0	.0	2.5	(11)	1.1
180	4.6	2.5	.0	.0	7.1	(31)	1.6
210	2.7	3.9	.7	.2	7.5	(33)	2.6
240	1.1	.9	.0	.0	2.1	(9)	1.8
270	.7	.0	.0	.0	.7	(3)	1.1
300	1.4	2.3	.0	.0	3.6	(16)	2.0
330	1.8	1.1	.0	.0	3.0	(13)	2.1
360	3.4	2.1	.0	.0	5.5	(24)	1.7
STILLE					2.3	(10)	
TOTAL	64.7	27.6	4.6	.9	100.0	(439)	
MIDLERE VIND M/S	1.1	2.8	4.9	6.7			1.8

*) DETTE TALLET ANGIR SENTRUM AV VINDSEKTOR

Tabell A3: Vindfrekvenser (vindroser) fra Tromsø, juli 1990.

STASJON : FR NANSENS PLASS

PERIODE : 01.07.90 - 31.07.90

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) VIND- RETNING	KLOKKESLETT									VIND- ROSE
	01	04	07	10	13	16	19	22		
30	63.3	40.0	30.0	32.3	43.3	56.7	60.0	53.3	44.4	
60	6.7	30.0	30.0	35.5	26.7	16.7	16.7	16.7	23.4	
90	3.3	3.3	.0	9.7	.0	.0	.0	.0	2.6	
120	.0	.0	6.7	3.2	.0	.0	.0	3.3	1.4	
150	3.3	.0	10.0	3.2	3.3	.0	.0	3.3	2.4	
180	.0	3.3	13.3	3.2	13.3	3.3	10.0	3.3	5.3	
210	.0	3.3	3.3	6.5	6.7	10.0	.0	3.3	5.1	
240	3.3	.0	.0	3.2	.0	6.7	6.7	.0	2.2	
270	.0	.0	.0	.0	.0	3.3	.0	.0	.7	
300	3.3	.0	3.3	3.2	6.7	3.3	.0	.0	2.6	
330	6.7	3.3	.0	.0	.0	.0	.0	3.3	2.1	
360	6.7	10.0	.0	.0	.0	.0	6.7	10.0	3.6	
STILLE	3.3	6.7	3.3	.0	.0	.0	.0	3.3	4.2	
ANT.OBS (	30)	30)	30)	31)	30)	30)	30)	30)	721)
MIDLERE VIND M/S	.9	.7	1.0	1.6	2.0	2.1	2.0	1.3	1.5	

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

KLASSE I: VINDSTYRKE .3 - 2.0 M/S
 KLASSE II: VINDSTYRKE 2.1 - 4.0 M/S
 KLASSE III: VINDSTYRKE 4.1 - 6.0 M/S
 KLASSE IV: VINDSTYRKE > 6.0 M/S

*) VIND- RETNING	KLASSER				TOTAL	NOBS	MIDLERE VIND M/S
	I	II	III	IV			
30	29.8	13.6	1.0	.0	44.4	(320)	1.7
60	18.6	4.9	.0	.0	23.4	(169)	1.3
90	2.6	.0	.0	.0	2.6	(19)	.6
120	1.4	.0	.0	.0	1.4	(10)	.6
150	1.7	.7	.0	.0	2.4	(17)	1.4
180	4.4	.8	.0	.0	5.3	(38)	1.4
210	2.1	2.1	1.0	.0	5.1	(37)	2.6
240	1.4	.8	.0	.0	2.2	(16)	1.7
270	.7	.0	.0	.0	.7	(5)	.8
300	1.8	.8	.0	.0	2.6	(19)	1.8
330	2.1	.0	.0	.0	2.1	(15)	.9
360	2.4	1.1	.1	.0	3.6	(26)	1.5
STILLE					4.2	(30)	
TOTAL	68.9	24.8	2.1	.0	100.0	(721)	
MIDLERE VIND M/S	1.1	2.7	4.6	.0			1.5

*) DETTE TALLET ANGIR SENTRUM AV VINDSEKTOR

Tabell A4: Vindfrekvenser (vindroser) fra Tromsø, august 1990.

STASJON : FR NANSENS Plass
 PERIODE : 01.08.90 - 31.08.90

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) VIND- RETNING	KLOKKELETT									VIND- ROSE
	01	04	07	10	13	16	19	22		
30	19.4	19.4	22.6	3.2	25.8	38.7	29.0	25.8	26.6	
60	6.5	12.9	12.9	32.3	12.9	16.1	12.9	6.5	13.6	
90	.0	.0	6.5	3.2	3.2	.0	9.7	.0	2.6	
120	.0	.0	.0	6.5	6.5	3.2	.0	.0	1.2	
150	.0	.0	6.5	3.2	.0	3.2	3.2	.0	1.6	
180	3.2	.0	16.1	16.1	6.5	9.7	6.5	6.5	9.3	
210	19.4	29.0	12.9	19.4	32.3	16.1	9.7	19.4	18.4	
240	19.4	6.5	9.7	9.7	9.7	6.5	9.7	6.5	10.3	
270	.0	3.2	3.2	.0	.0	3.2	.0	.0	1.3	
300	.0	.0	.0	.0	3.2	.0	3.2	3.2	.9	
330	.0	3.2	3.2	.0	.0	3.2	.0	3.2	1.1	
360	19.4	12.9	6.5	.0	.0	.0	12.9	19.4	8.5	
STILLE	12.9	12.9	.0	6.5	.0	.0	3.2	9.7	4.6	
ANT.OBS (	31)	31)	31)	31)	31)	31)	31)	31)	744)
MIDLERE VIND M/S	1.2	1.3	1.4	1.7	2.3	1.7	1.2	1.2	1.5	

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

KLASSE I: VINDSTYRKE .3 - 2.0 M/S
 KLASSE II: VINDSTYRKE 2.1 - 4.0 M/S
 KLASSE III: VINDSTYRKE 4.1 - 6.0 M/S
 KLASSE IV: VINDSTYRKE > 6.0 M/S

*) VIND- RETNING	KLASSER				TOTAL	NOBS	MIDLERE VIND M/S
	I	II	III	IV			
30	22.8	3.8	.0	.0	26.6	(198)	1.3
60	12.1	1.5	.0	.0	13.6	(101)	1.1
90	2.4	.1	.0	.0	2.6	(19)	.7
120	1.2	.0	.0	.0	1.2	(9)	.5
150	1.6	.0	.0	.0	1.6	(12)	.9
180	6.2	2.7	.4	.0	9.3	(69)	1.8
210	4.7	11.2	2.6	.0	18.4	(137)	2.7
240	6.0	4.2	.1	.0	10.3	(77)	1.9
270	.9	.4	.0	.0	1.3	(10)	1.6
300	.8	.1	.0	.0	.9	(7)	1.7
330	1.1	.0	.0	.0	1.1	(8)	.5
360	7.1	1.1	.3	.0	8.5	(63)	1.0
STILLE					4.6	(34)	
TOTAL	67.1	25.0	3.4	.0	100.0	(744)	
MIDLERE VIND M/S	1.0	2.7	4.5	.0			1.5

*) DETTE TALLET ANGIR SENTRUM AV VINDSEKTOR

Tabell A5: Vindfrekvenser (vindroser) fra Tromsø, 1.-6. september 1990.

STASJON : FR NANSENS Plass
 PERIODE : 01.09.90 - 06.09.90

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) VIND- RETNING	KLOKKESLETT									VIND- ROSE
	01	04	07	10	13	16	19	22		
30	16.7	50.0	50.0	16.7	.0	20.0	20.0	.0	18.3	
60	.0	.0	16.7	16.7	20.0	20.0	20.0	.0	9.9	
90	.0	.0	.0	.0	20.0	.0	.0	.0	2.3	
120	.0	.0	16.7	.0	.0	.0	.0	.0	3.1	
150	.0	.0	.0	33.3	.0	.0	.0	.0	2.3	
180	16.7	.0	16.7	16.7	.0	40.0	.0	.0	9.9	
210	16.7	.0	.0	16.7	60.0	.0	20.0	20.0	19.8	
240	33.3	.0	.0	.0	.0	20.0	20.0	.0	5.3	
270	.0	.0	.0	.0	.0	.0	.0	.0	1.5	
300	.0	16.7	.0	.0	.0	.0	.0	.0	1.5	
330	.0	.0	.0	.0	.0	.0	.0	.0	.8	
360	16.7	16.7	.0	.0	.0	.0	20.0	60.0	18.3	
STILLE	.0	16.7	.0	.0	.0	.0	.0	20.0	6.9	
ANT. OBS (	6)	6)	6)	6)	5)	5)	5)	5)	131)
MIDLERE VIND M/S	1.1	.5	.6	1.8	2.7	1.5	1.4	1.1	1.3	

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

KLASSE I: VINDSTYRKE .3 - 2.0 M/S
 KLASSE II: VINDSTYRKE 2.1 - 4.0 M/S
 KLASSE III: VINDSTYRKE 4.1 - 6.0 M/S
 KLASSE IV: VINDSTYRKE > 6.0 M/S

*) VIND- RETNING	KLASSER				TOTAL	NOBS	MIDLERE VIND M/S
	I	II	III	IV			
30	18.3	.0	.0	.0	18.3	(24)	.8
60	9.9	.0	.0	.0	9.9	(13)	.9
90	2.3	.0	.0	.0	2.3	(3)	.7
120	3.1	.0	.0	.0	3.1	(4)	.8
150	2.3	.0	.0	.0	2.3	(3)	.9
180	6.9	3.1	.0	.0	9.9	(13)	1.7
210	3.1	9.2	7.6	.0	19.8	(26)	3.3
240	4.6	.8	.0	.0	5.3	(7)	1.2
270	1.5	.0	.0	.0	1.5	(2)	.5
300	1.5	.0	.0	.0	1.5	(2)	.3
330	.8	.0	.0	.0	.8	(1)	.4
360	18.3	.0	.0	.0	18.3	(24)	.7
STILLE					6.9	(9)	
TOTAL	72.5	13.0	7.6	.0	100.0	(131)	
MIDLERE VIND M/S	.9	2.8	4.5	.0			1.3

*) DETTE TALLET ANGIR SENTRUM AV VINDSEKTOR

Tabell A6: Frekvens av stabilitetsklasser som funksjon av tid på døgnet. Stabilitetsklassene er basert på målinger av temperaturforskjellen mellom 10 m og 2 m. Fr. Nansens plass, juni-september 1990.

STASJON : FR NANSENS PLASS
 PARAMETER: TEMPERATUR DIFFERANSE (DT)
 ENHET : GRADER C
 PERIODE : 01.06.90 - 30.09.90

STABILITETSKLASSER (%) FORDELT OVER DØGNET

KLASSE I: USTABIL DT < -.5 GRADER C
 KLASSE II: NØYTRAL -.5 < DT < .0 GRADER C
 KLASSE III: LETT STABIL .0 < DT < .5 GRADER C
 KLASSE IV: STABIL .5 < DT GRADER C

TIME	KLASSER			
	I	II	III	IV
01	.0	8.2	80.0	11.8
02	.0	11.8	76.5	11.8
03	.0	22.4	64.7	12.9
04	1.2	27.1	56.5	15.3
05	1.2	22.4	56.5	20.0
06	3.5	34.1	52.9	9.4
07	7.1	32.9	40.0	20.0
08	9.4	36.5	37.6	16.5
09	24.7	52.9	22.4	.0
10	38.8	50.6	10.6	.0
11	44.7	42.4	12.9	.0
12	50.0	40.5	9.5	.0
13	50.0	41.7	8.3	.0
14	50.0	41.7	8.3	.0
15	44.7	45.9	9.4	.0
16	32.9	52.9	14.1	.0
17	18.8	47.1	32.9	1.2
18	9.4	44.7	41.2	4.7
19	7.1	30.6	60.0	2.4
20	4.7	24.7	67.1	3.5
21	.0	21.2	67.1	11.8
22	.0	17.6	71.8	10.6
23	.0	10.6	75.3	14.1
24	.0	14.1	71.8	14.1
TOTAL	16.5	32.3	43.7	7.5

ANTALL OBS : 2037
 MANGLENDE OBS: 891

Tabell A7: Frekvens av vindhastighet og stabilitetsklasser som funksjon av vindretning basert på data fra Fr. Nansens plass, juni-september 1990.

DELTA T : FR. NANSENS Plass
 VIND : FR. NANSENS Plass
 PERIODE : 01.06.90 - 30.09.90
 ENHET : PROSENT

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

KLASSE I: USTABIL DT < - .5 GRADER C
 KLASSE II: NØYTRAL - .5 < DT < .0 GRADER C
 KLASSE III: LETT STABIL .0 < DT < .5 GRADER C
 KLASSE IV: STABIL .5 < DT GRADER C

VINDSTILLE: U MINDRE ELLER LIK .2 M/S

VIND- RETNING	0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				ROSE	
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV		
30	4.6	7.6	10.7	1.7	4.0	3.1	1.3	.0	.4	.4	.0	.0	.0	.0	.0	.0	.0	33.8
60	3.5	7.2	4.3	1.2	1.8	.8	.5	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	19.9
90	.3	1.0	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
120	.2	.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
150	.1	.7	.7	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
180	.2	1.7	2.8	.5	.1	1.3	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	7.4
210	.0	.3	2.8	.1	.2	2.2	3.8	.0	.0	.8	1.1	.0	.0	.0	.0	.0	.0	11.4
240	.0	.5	2.4	.3	.0	.6	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4
270	.0	.3	.4	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
300	.2	.6	.3	.1	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
330	.0	.6	.8	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
360	.0	.3	3.5	1.5	.1	.3	.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	6.7
STILLE	.0	.3	2.7	1.0														4.1
TOTAL	9.3	21.7	33.3	7.4	6.6	9.0	8.9	.1	.5	1.5	1.5	.0	.1	.0	.0	.0	.0	100.0
FOREKOMST VINDSTYRKE		71.6 % 1.0 M/S			24.7 % 2.7 M/S				3.4 % 4.6 M/S				.2 % 6.7 M/S					100.0 % 1.6 M/S

FORDELING PÅ STABILITETSKLASSER

	KLASSE I	KLASSE II	KLASSE III	KLASSE IV	
FOREKOMST	16.6 %	32.2 %	43.7 %	7.5 %	100.0 %

Tabell A8: Horizontal turbulens som funksjon av vindretning og stabilitet i 4 vindstyrkeklasser. Fr. Nansens plass, juni-september 1990.

SIG K+L : FR. NANSENS Plass
 PERIODE : 01.06.90 - 30.09.90
 ENHET : GRADER

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

VIND- RETNING	0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				ROSE
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
30	24.	24.	40.	63.	18.	20.	22.	-	17.	17.	16.	-	-	-	-	-	30.
60	20.	28.	38.	37.	20.	17.	19.	-	12.	12.	15.	-	16.	12.	-	-	28.
90	55.	43.	49.	41.	-	-	-	83.	-	-	-	-	-	-	-	-	47.
120	39.	64.	77.	58.	-	-	-	-	-	-	-	-	-	-	-	-	66.
150	59.	55.	64.	63.	-	26.	49.	-	-	-	-	-	-	-	-	-	58.
180	49.	63.	60.	48.	84.	55.	56.	44.	-	56.	41.	-	-	-	-	-	58.
210	82.	75.	56.	56.	58.	32.	25.	99.	-	18.	19.	-	-	-	14.	-	36.
240	-	50.	45.	95.	-	25.	21.	-	-	-	16.	-	-	-	-	-	39.
270	-	53.	47.	88.	-	-	57.	-	-	-	-	-	-	-	-	-	55.
300	40.	42.	50.	70.	28.	23.	43.	-	-	-	-	-	-	-	-	-	39.
330	-	42.	71.	42.	64.	30.	-	-	-	-	-	-	-	-	-	-	55.
360	50.	52.	54.	56.	39.	17.	25.	-	-	16.	18.	-	-	-	-	-	48.
STILLE	-	38.	70.	68.	-	-	-	-	-	-	-	-	-	-	-	-	67.
MIDDEL	26.	35.	50.	57.	23.	28.	27.	75.	16.	19.	20.	-	16.	12.	14.	-	38.
KONSENTR.		43.				26.				19.				14.			

MIDDELVERDI FOR ULIKE STABILITETSKLASSER

	KLASSE I	KLASSE II	KLASSE III	KLASSE IV
KONSENTR.	24.	32.	44.	58.

ANTALL OBS. : 2035
 MANGLENDE OBS. : 893

Tabell A9: Månedsvis temperaturstatistikk fra Tromsø, juni-september 1990. Middel-, maksimum- og minimumstemperatur samt midlere fordeling.

STASJON : FR NANSENS PLASS
 PERIODE : 01.06.90 - 06.09.90
 PARAMETER: TEMPERATUR
 ENHET : GRADER C

MIDDEL-, MAKSIMUM- OG MINIMUMVERDIER

MÅNED	NOBS	TMIDL	MAKS			MIN			MIDLERE	
			T	DAG	KL	T	DAG	KL	TMAKS	TMIN
JUN 1990	19	11.4	21.4	22	12	6.3	13	22	14.2	8.6
JUL 1990	31	12.7	21.9	6	19	7.2	1	05	15.3	9.8
AUG 1990	31	12.6	24.9	17	13	5.8	27	04	15.5	9.5
SEP 1990	6	12.3	19.8	1	15	6.3	5	04	16.2	8.4

FOREKOMST INNEN GITTE GRENSER

MÅNED	T < 5.0		T < 10.0		T < 15.0	
	DØGN	TIMER	DØGN	TIMER	DØGN	TIMER
JUN 1990	0	0	13	201	19	355
JUL 1990	0	0	18	101	31	581
AUG 1990	0	0	19	146	31	603
SEP 1990	0	0	5	35	6	107

MIDLERE MÅNEDSVIS DØGNFORDELING

MÅNED: JUN 1990	KLOKKESLETT							
	01	04	07	10	13	16	19	22
MIDDELVERDI	9.6	11.0	12.5	13.6	13.0	12.1	10.4	9.4
STAND. AVVIK	2.3	2.9	3.9	4.3	3.9	3.3	2.3	2.3
NOBS	(18)	(18)	(18)	(17)	(18)	(19)	(19)	(441)

MÅNED: JUL 1990	KLOKKESLETT							
	01	04	07	10	13	16	19	22
MIDDELVERDI	11.0	10.9	12.1	13.1	14.3	14.7	14.0	12.3
STAND. AVVIK	2.0	1.6	2.0	2.2	2.6	2.9	3.0	2.1
NOBS	(30)	(30)	(30)	(31)	(30)	(30)	(30)	(721)

MÅNED: AUG 1990	KLOKKESLETT							
	01	04	07	10	13	16	19	22
MIDDELVERDI	10.5	10.7	12.0	13.9	14.8	14.7	13.2	11.6
STAND. AVVIK	2.5	2.8	2.7	3.3	3.4	3.4	2.8	2.5
NOBS	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)

MÅNED: SEP 1990	KLOKKESLETT							
	01	04	07	10	13	16	19	22
MIDDELVERDI	10.6	9.0	10.8	13.9	16.2	15.9	13.0	10.7
STAND. AVVIK	.0	.0	.0	.0	.0	.0	.0	.0
NOBS	(6)	(6)	(6)	(6)	(5)	(5)	(5)	(131)

VEDLEGG B

Tidsplott av timemiddelverdier av data for
meteorologi og luftkvalitet fra Tromsø,
juni-september 1990

Fr. Nansens plass

1	Temperatur	(⁰ C)
2	Temperaturdifferanse	(⁰ C)
3	Vindretning	(dekagrader)	
4	Vindstyrke	(m/s)
5	Horisontal turbulens (5 min)	(dekagrader)	
6	Horisontal turbulens (1 h)	(dekagrader)	
7	Nitrogen oksider (NO _x)	(µg/m ³)
8	Nitrogenmonoksid (NO)	(µg/m ³)
9	Nitrogendioksid (NO ₂)	(µg/m ³)

Prestvannsveien

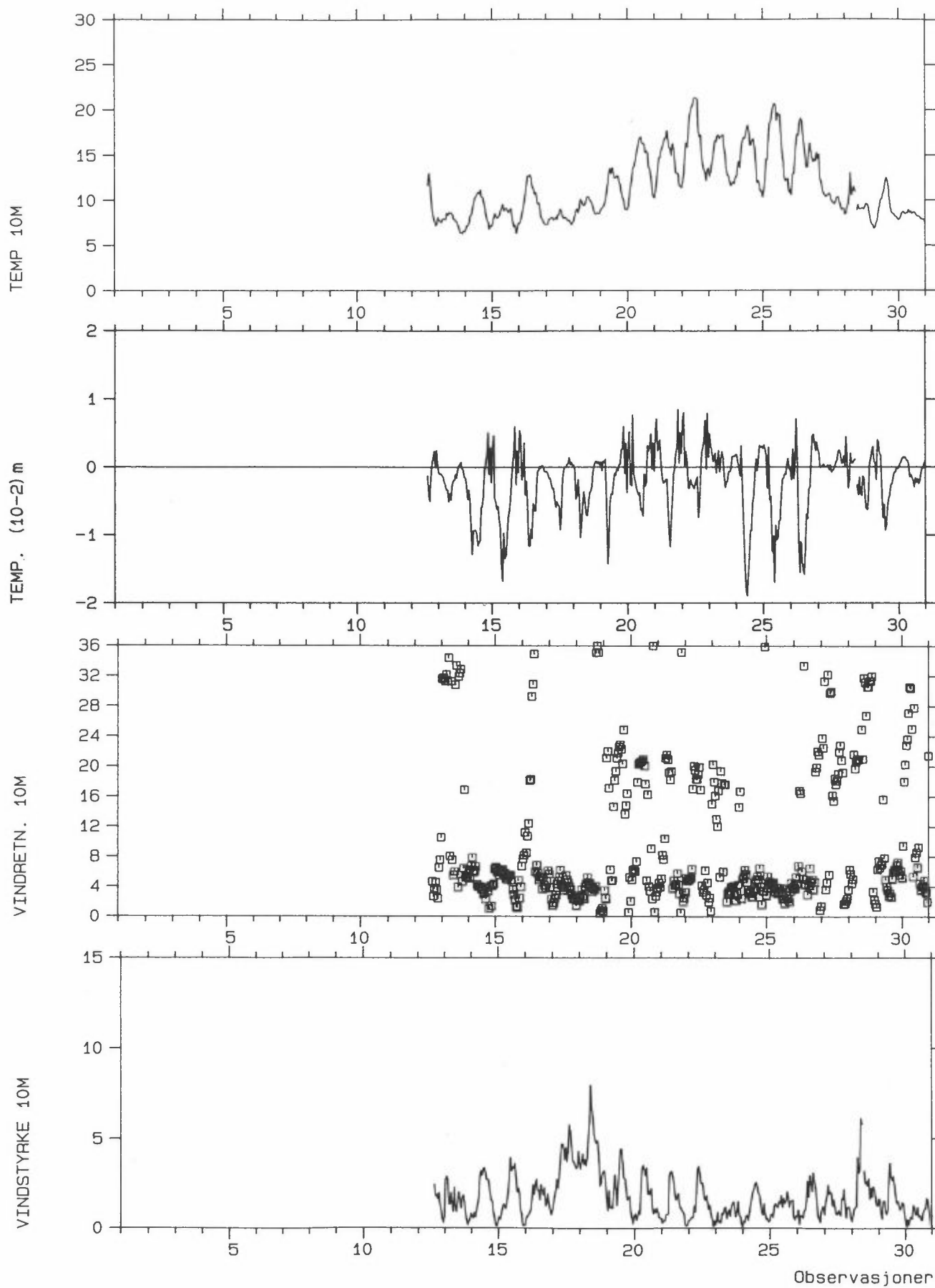
1	Nitrogenoksid (NO _x)	(µg/m ³)
2	Nitrogenmonoksid (NO)	(µg/m ³)
3	Nitrogendioksid (NO ₂)	(µg/m ³)

Sjøgata

1	Karbonmonoksid (CO)	(mg/m ³)
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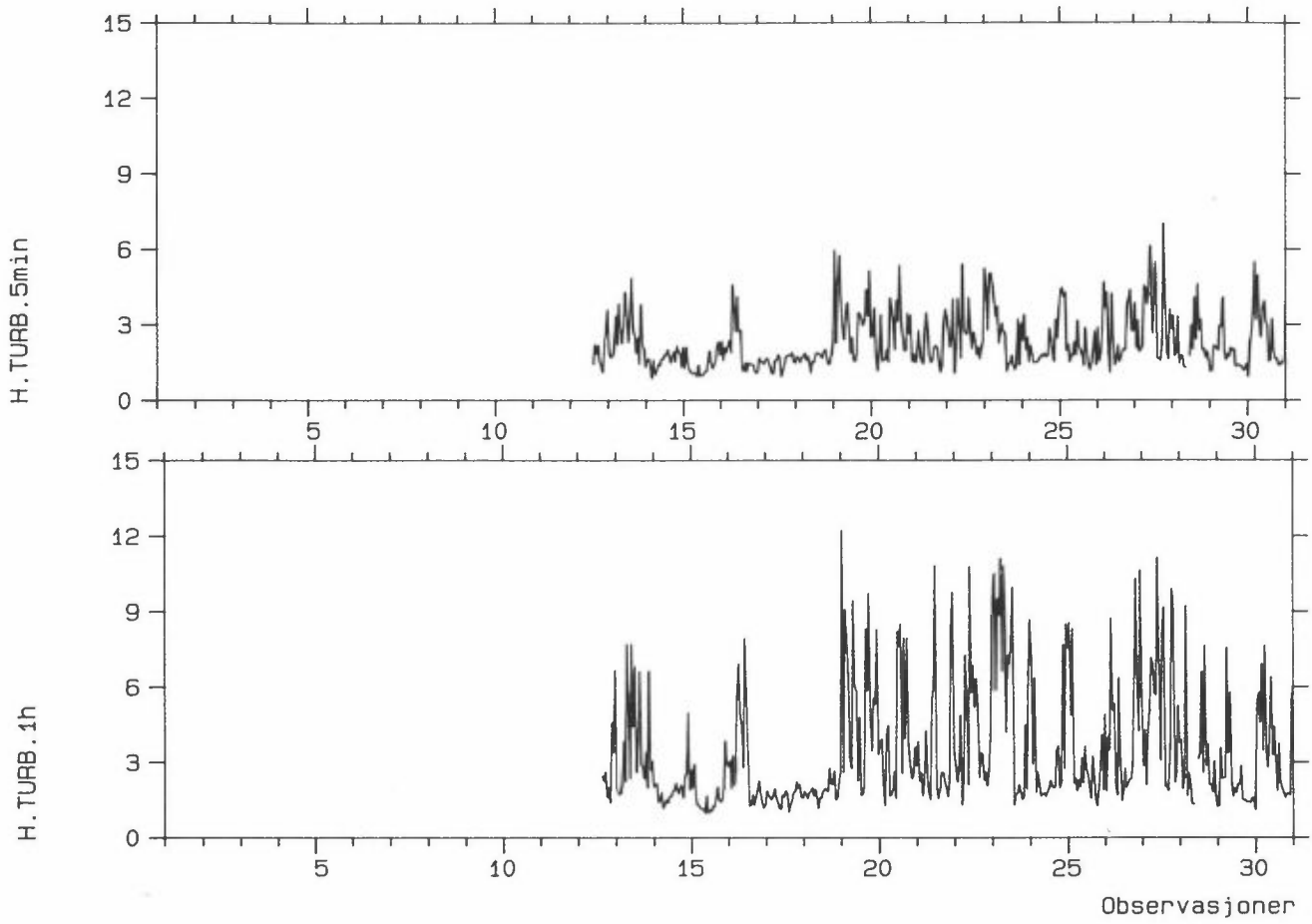
Stasjon: FR. NANSENS PLAS

Måned : JUN. 1990



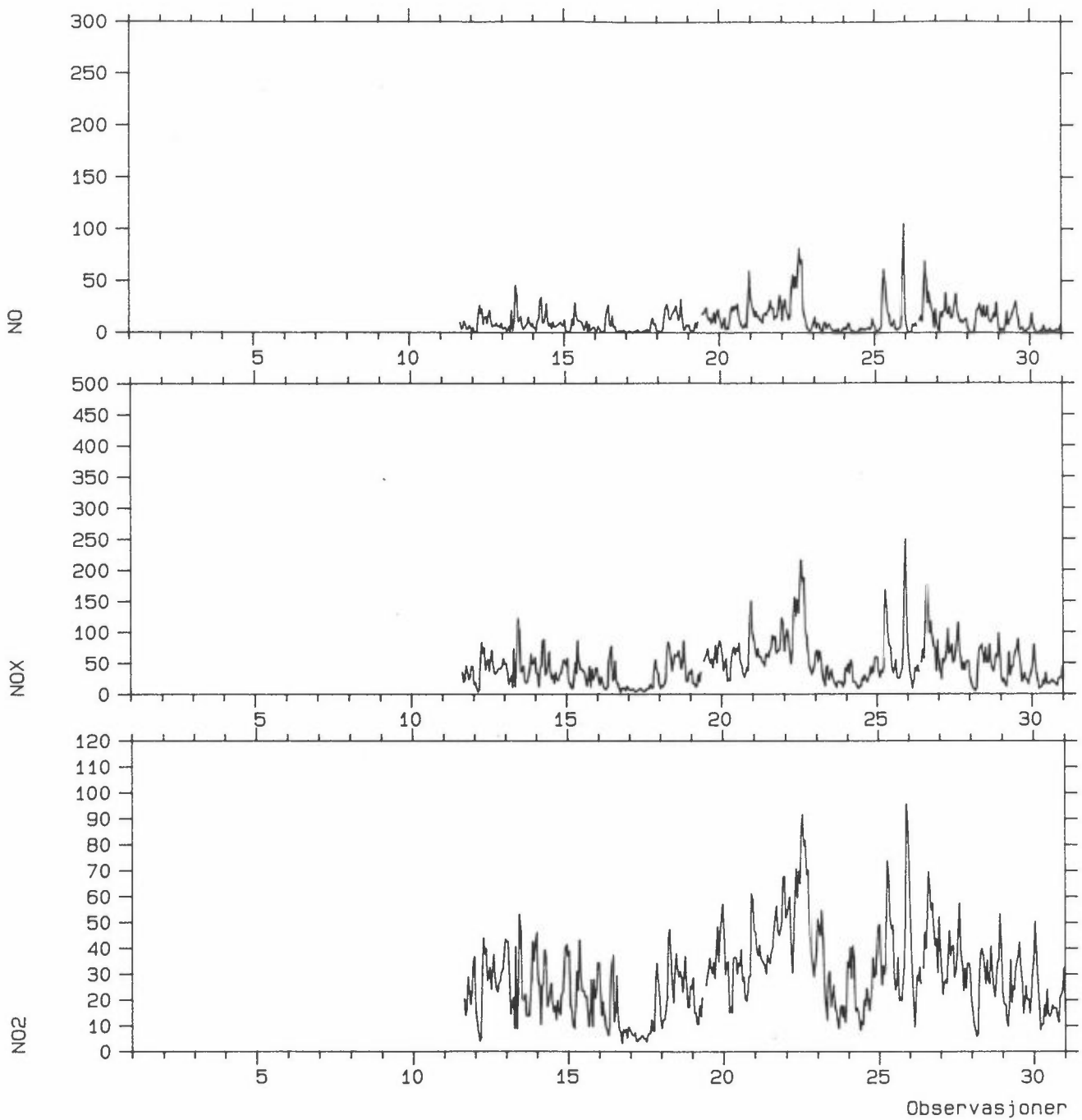
Stasjon: FR. NANSENS PLAS

Måned : JUN. 1990

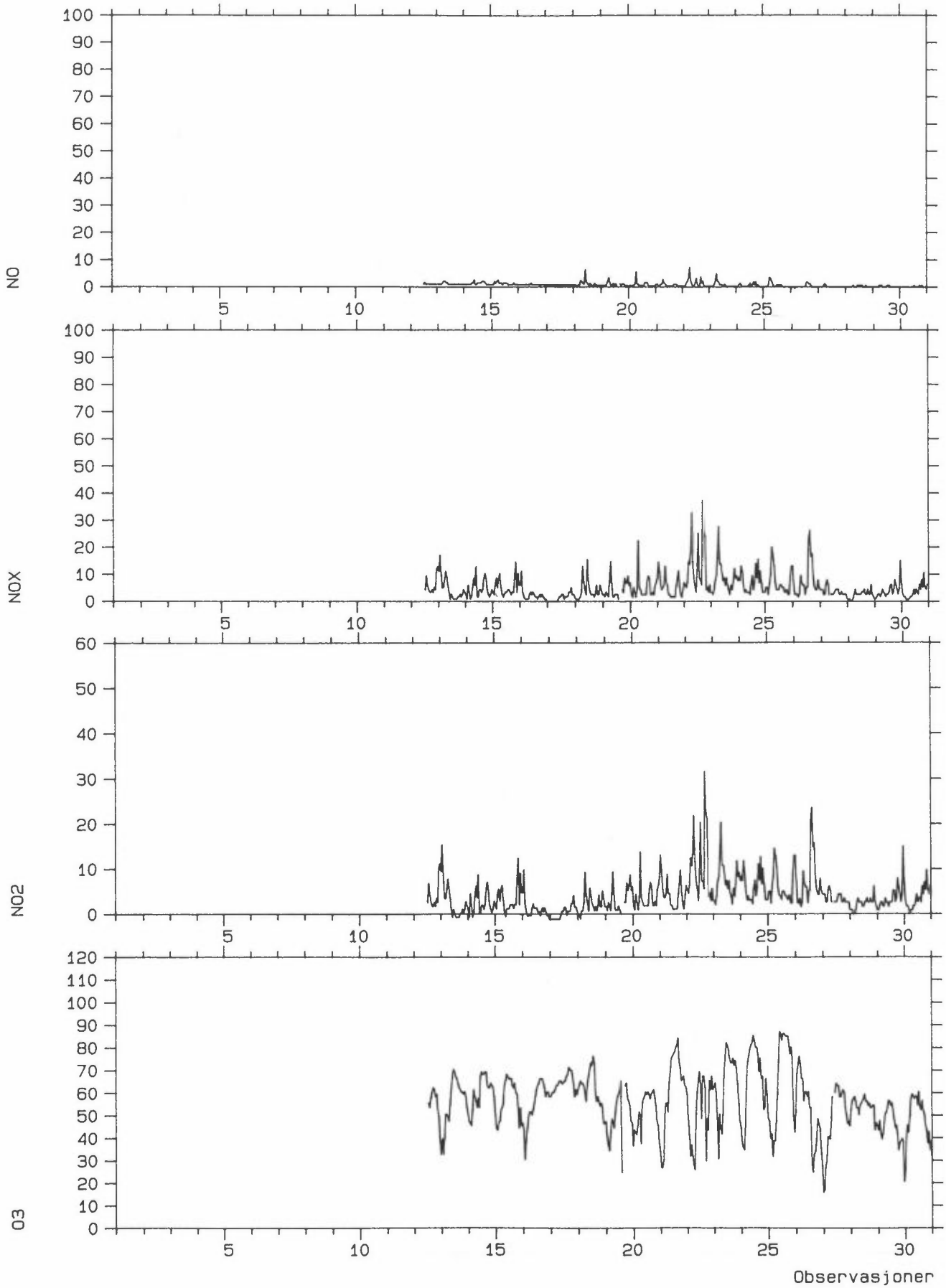


Stasjon: FR. NANSENS PLAS

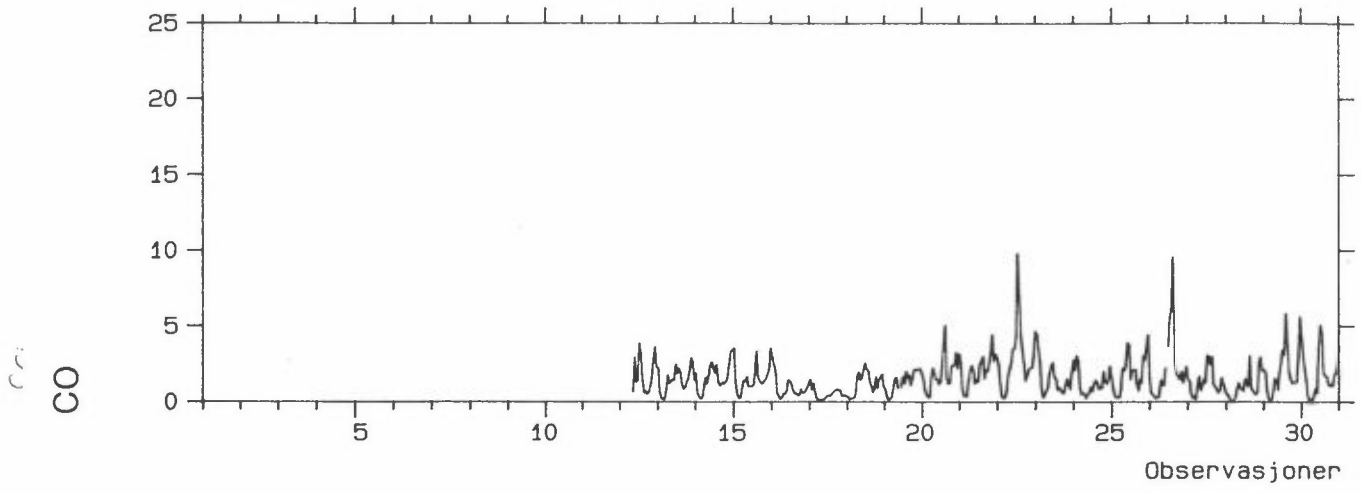
Måned : JUN. 1990



Stasjon: PRESTVANNSSVEIEN
Måned : JUN. 1990

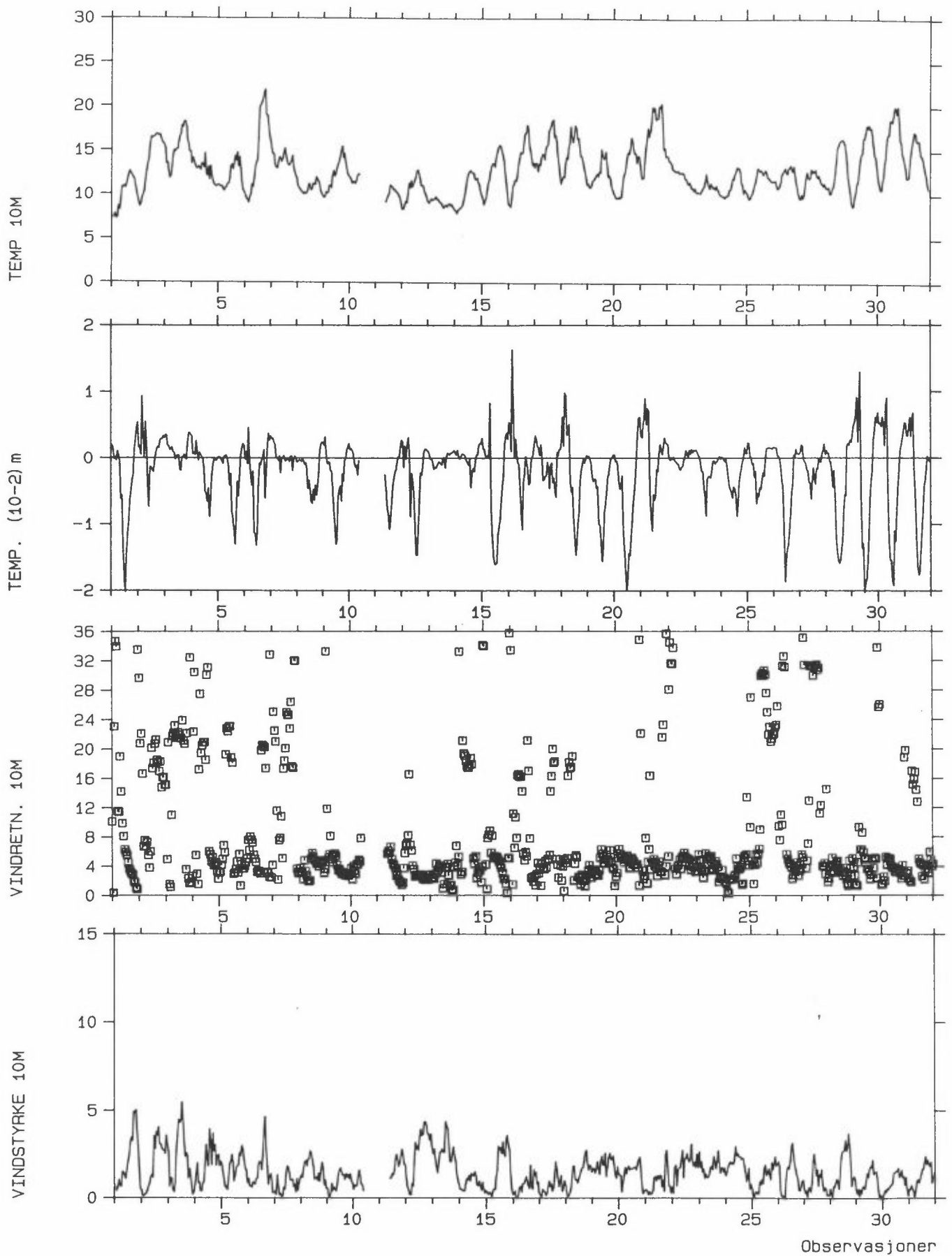


Stasjon: SJØGATA
Måned : JUN. 1990



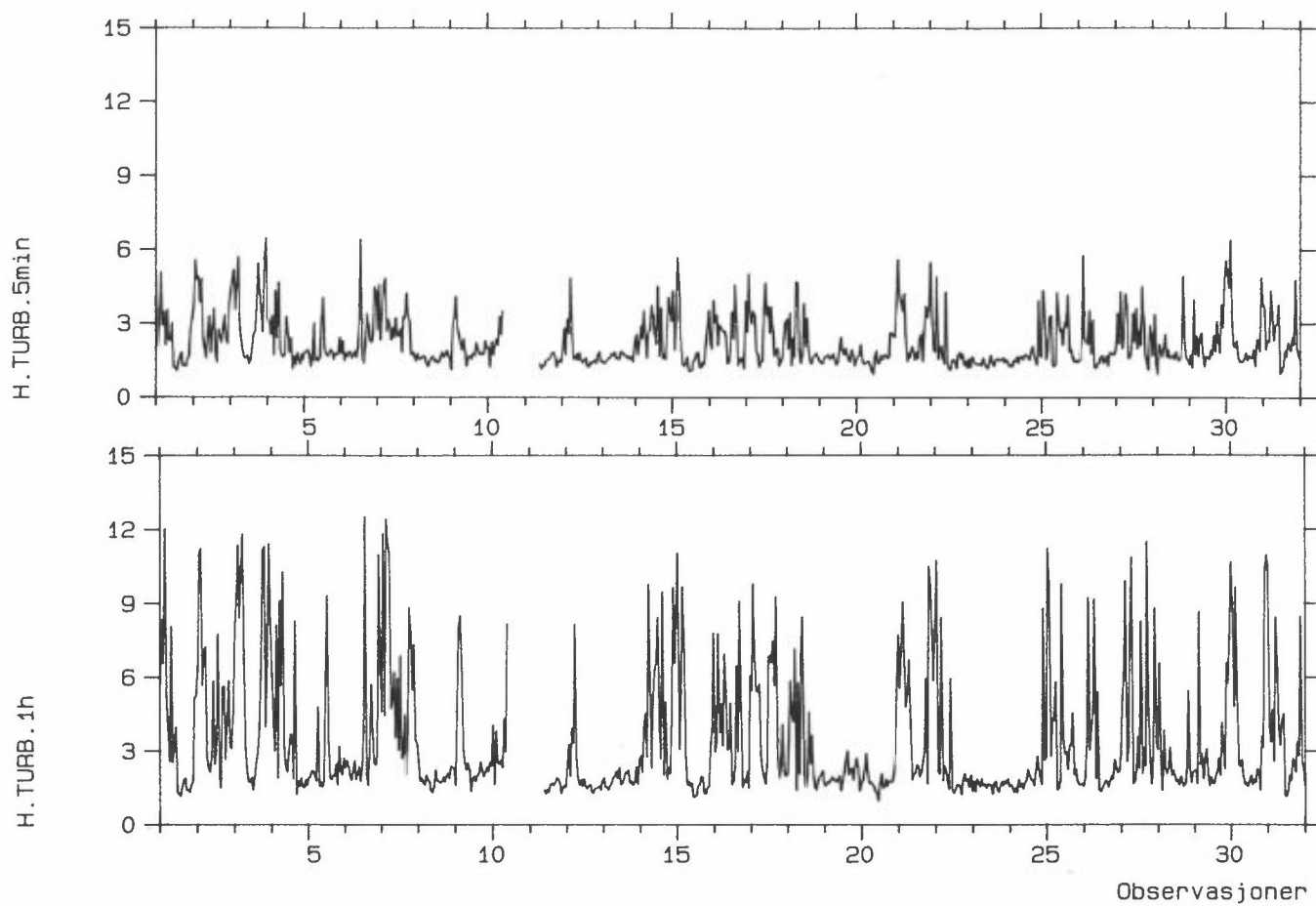
Stasjon: FR. NANSENS PLAS

Måned : JUL. 1990



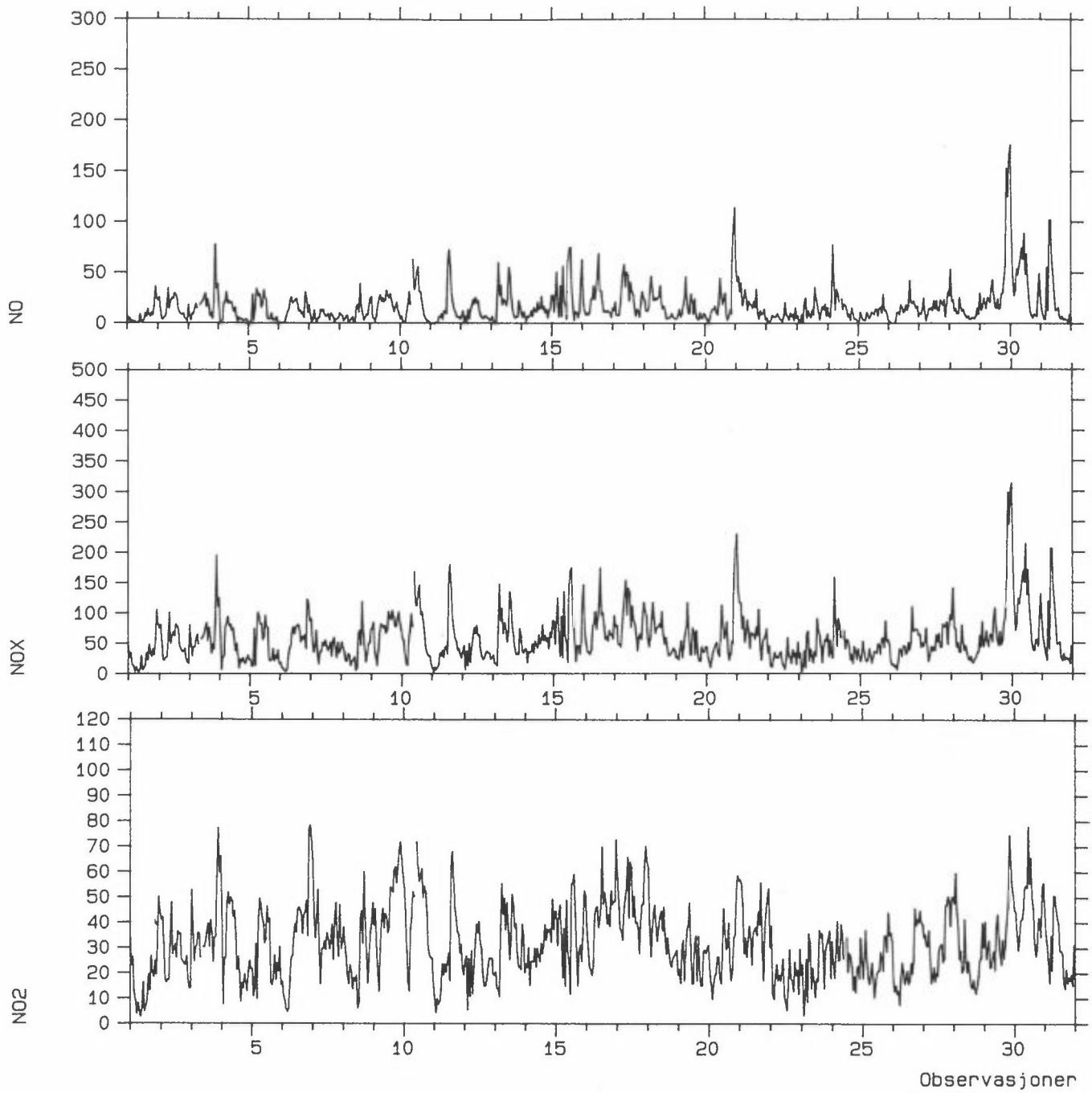
Stasjon: FR. NANSENS PLAS

Måned : JUL. 1990



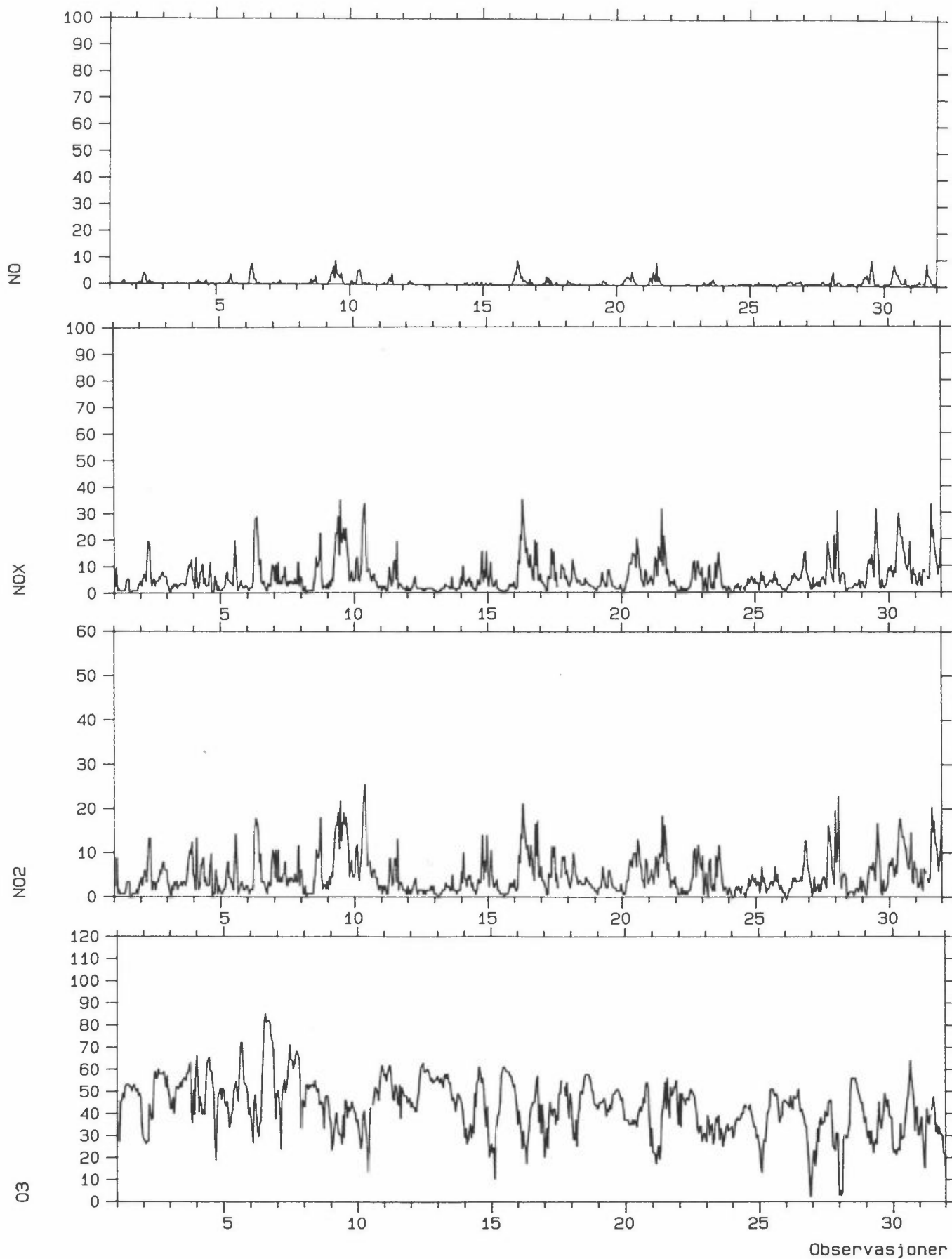
Stasjon: FR. NANSENS PLAS

Måned : JUL. 1990

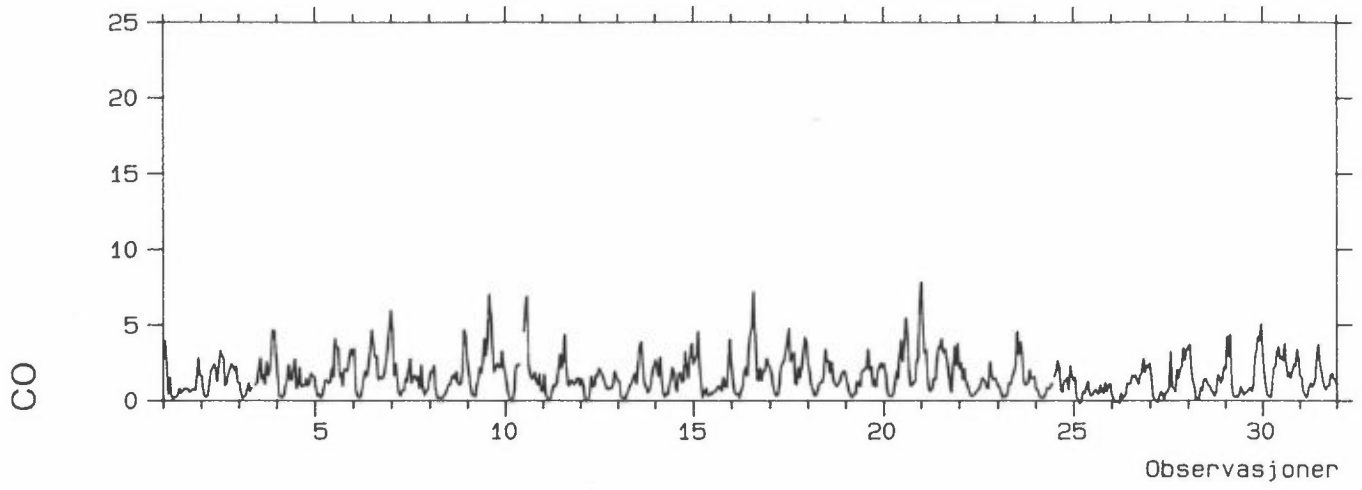


Stasjon: PRESTVANNSEVIEN

Måned : JUL. 1990

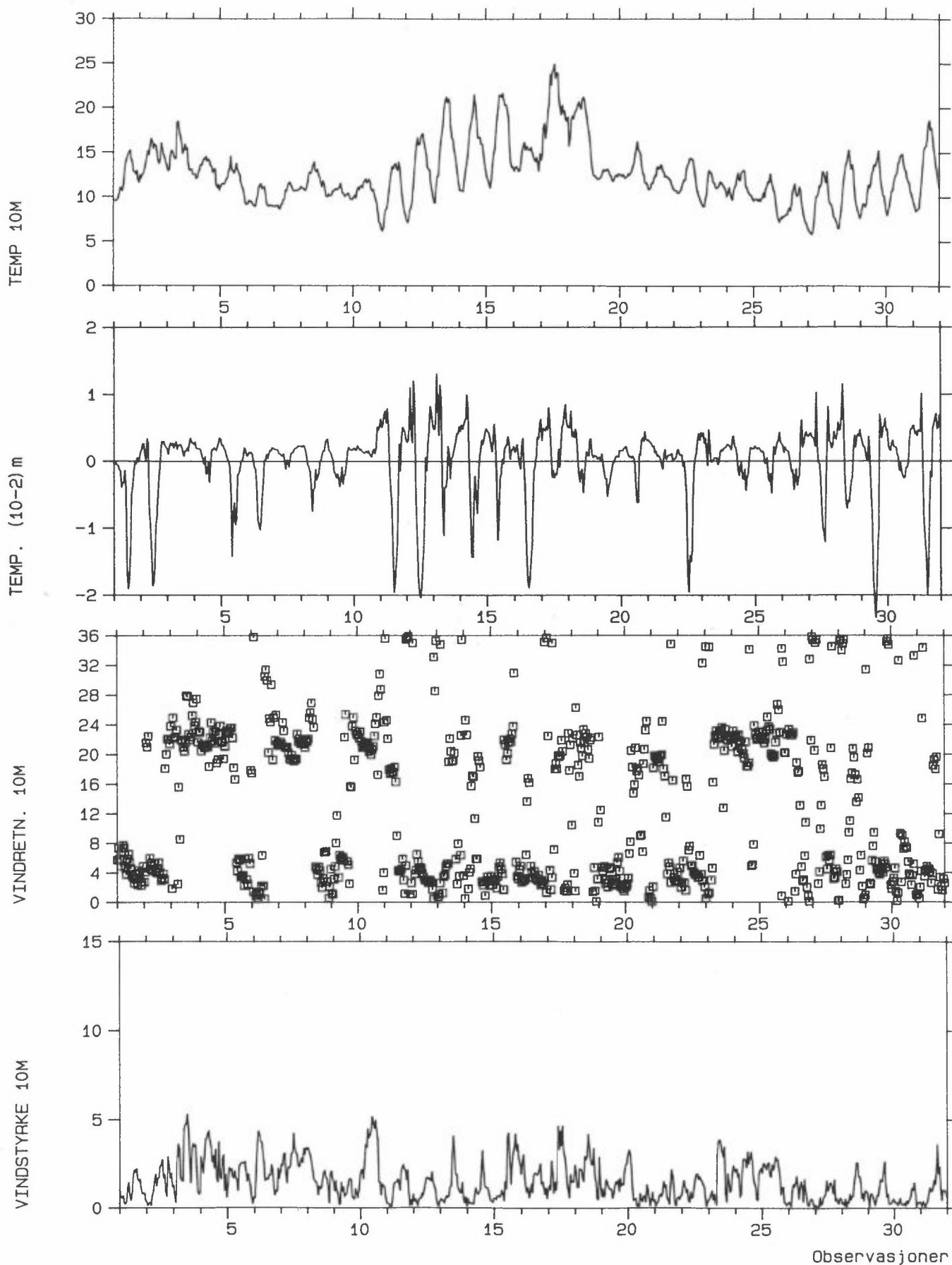


Stasjon: SJØGATA
Måned : JUL. 1990



Stasjon: FR. NANSENS PLAS

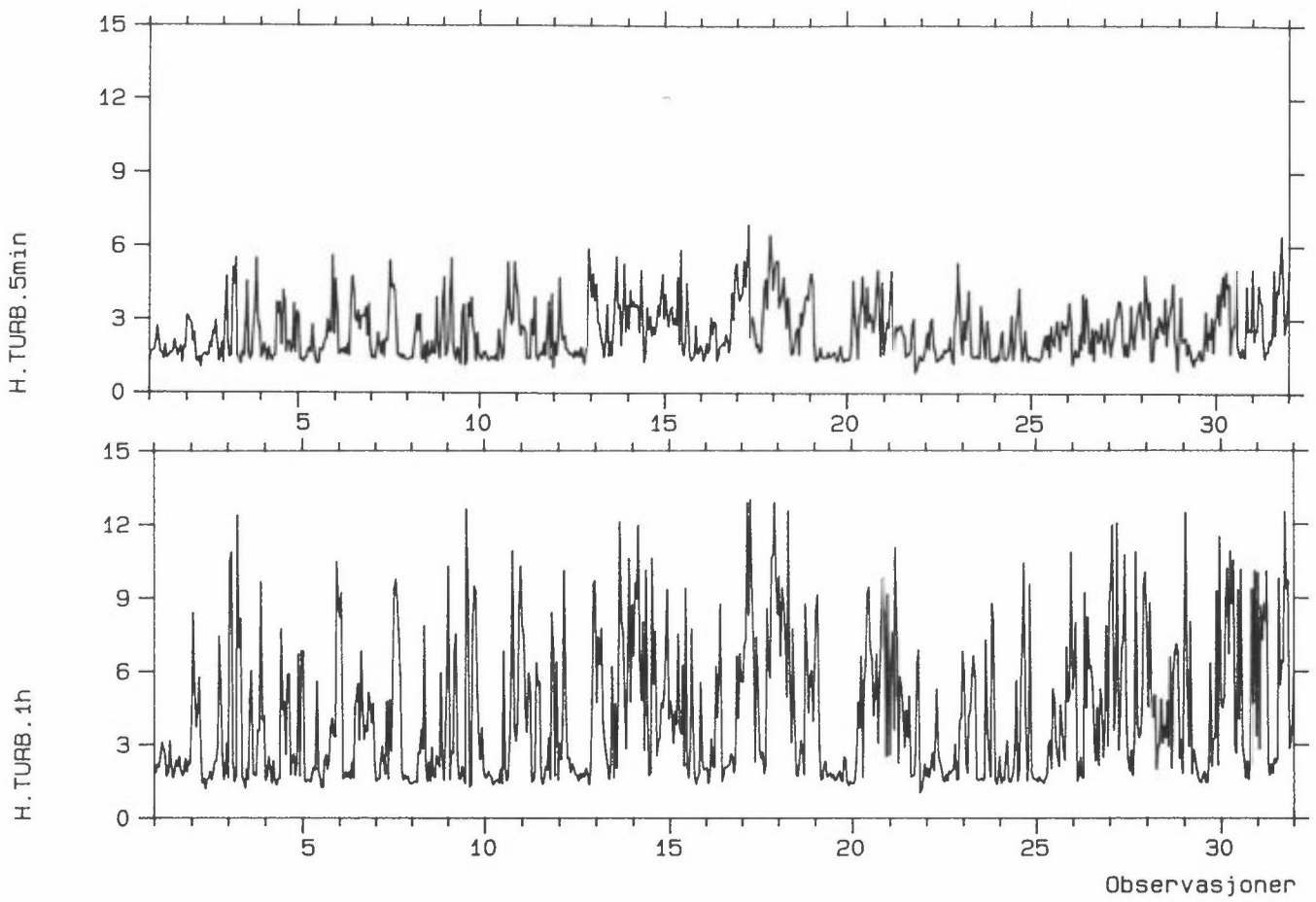
Måned : AUG. 1990



Observasjoner

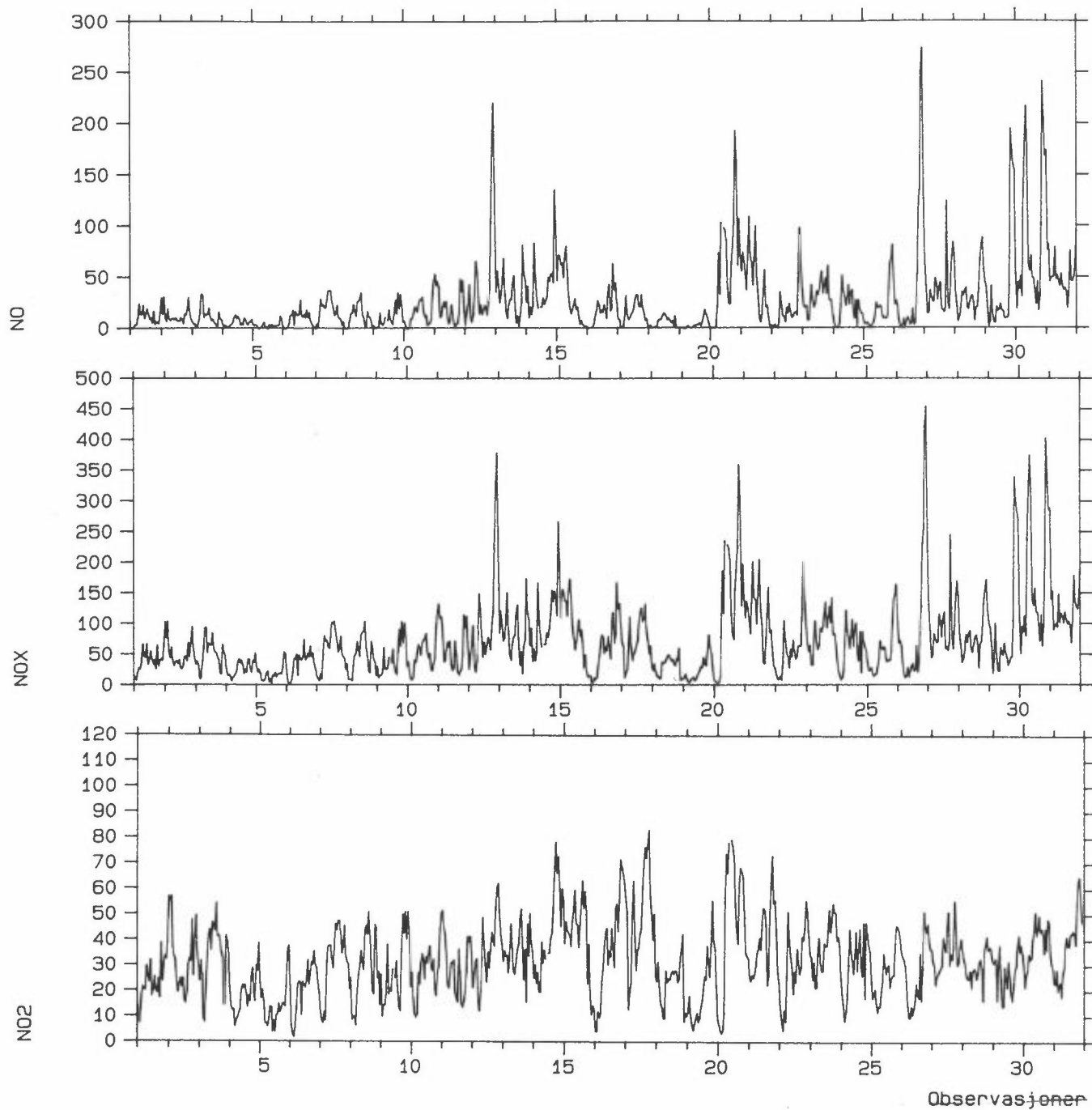
Stasjon: FR. NANSENS PLAS

Måned : AUG. 1990



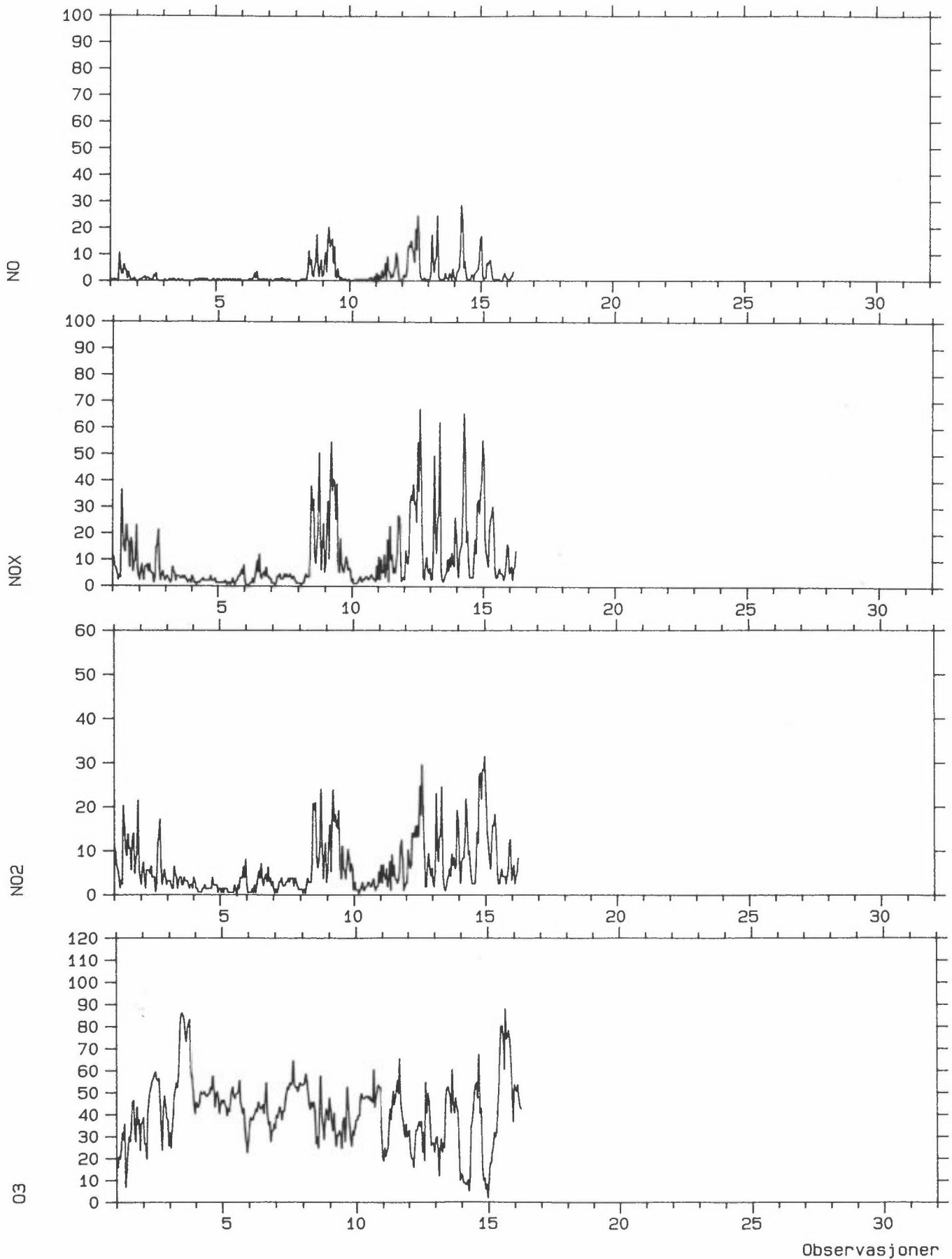
Stasjon: FR. NANSENS PLAS

Måned : AUG. 1990

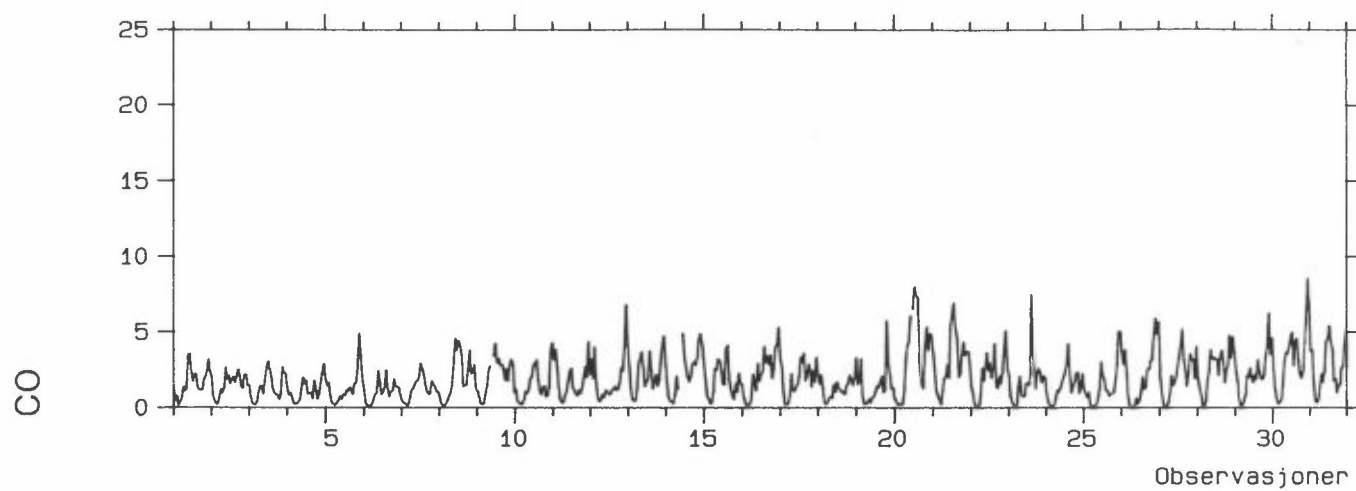


Stasjon: PRESTVANNSSVEIEN

Måned : AUG. 1990



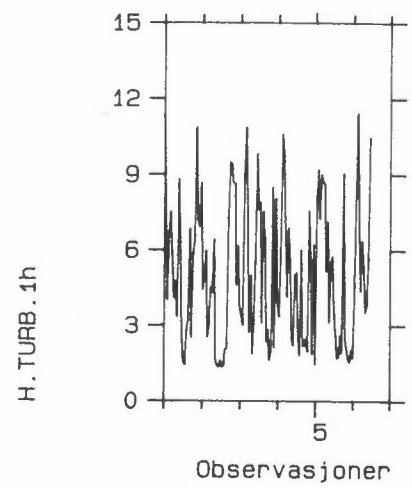
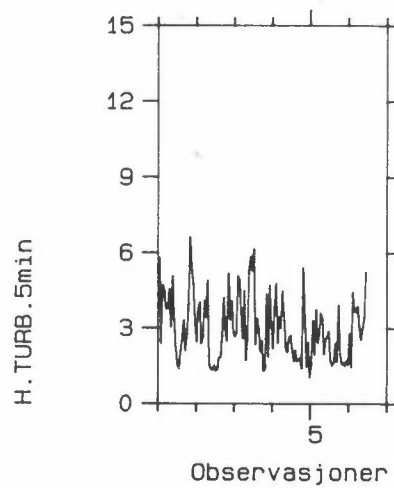
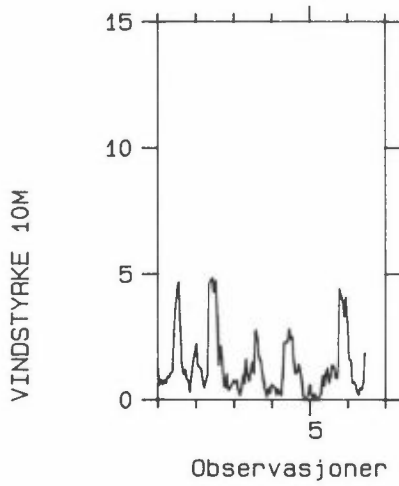
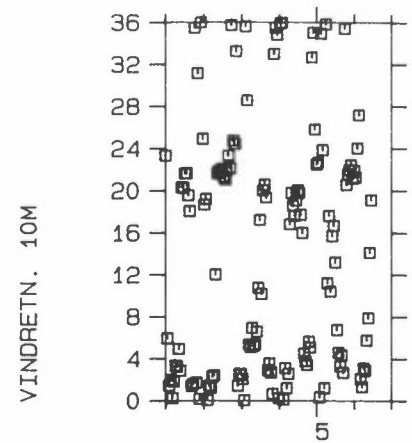
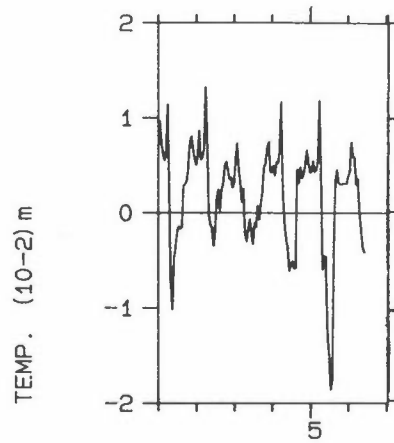
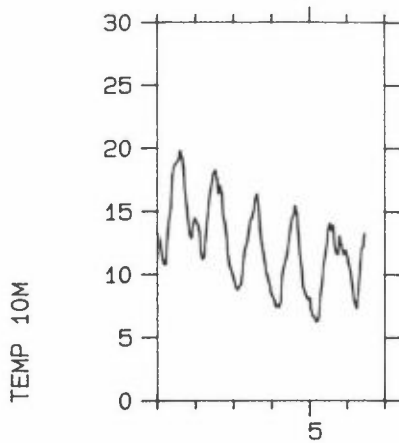
Stasjon: SJØGATA
Måned : AUG. 1990



Stasjon: FR. NANSENS PLAS
Måned : SEP. 1990

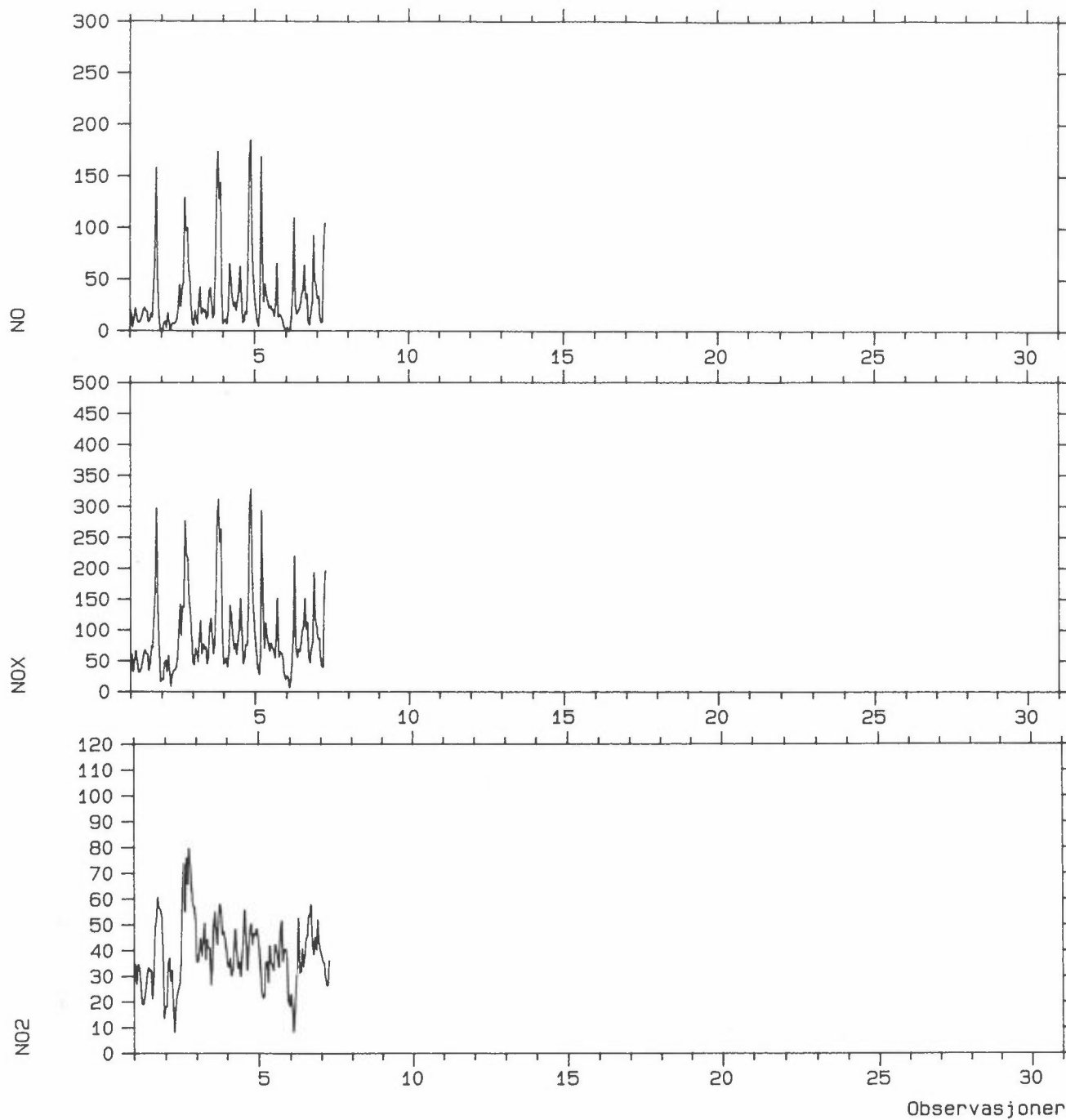
Stasjon: FR. NANSENS PLAS
Måned : SEP. 1990

Stasjon: FR. NANSENS PLAS
Måned : SEP. 1990

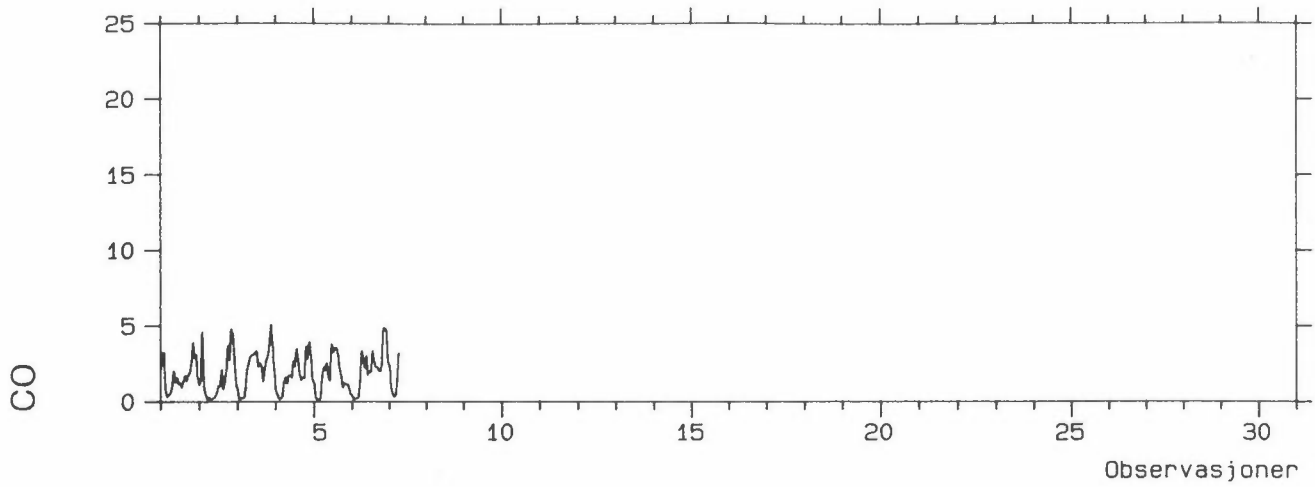


Stasjon: FR. NANSENS PLAS

Måned : SEP. 1990



Stasjon: SJØGATA
Måned : AUG. 1990



VEDLEGG C

Tabeller av døgnmiddelverdier av NO₂ og sot
fra Ørndalen, på Tromsøya, juni-september 1990

STED : ØRNDALEN
 PERIODE: JUNI 1990
 STOFF : NO2
 ENHET : UG/M3

DATO 1 2 3 4 5 6 7 8 9 10

DATO 11 12 13 14 15 16 17 18 19 20
 9.9 29.2 27.8 8.1 4.0 4.0 11.3 11.4 22.8

DATO 21 22 23 24 25 26 27 28 29 30
 18.9 24.4 6.0 10.9 19.0 23.4 9.1 8.4 11.7 8.3

ANTALL DAGER : 30
 ANTALL OBSERVASJONER : 19

MAKSIMALVERDI : 29.2 OBSERVERT 1 GANG(ER)
 MINIMALVERDI : 4.0 OBSERVERT 1 GANG(ER)
 MIDDELVERDI : 14.1
 STANDARDAVVIK : 7.9

STED : ØRNDALEN
 PERIODE: JUNI 1990
 STOFF : SOT
 ENHET : UG/M3

DATO 1 2 3 4 5 6 7 8 9 10

DATO 11 12 13 14 15 16 17 18 19 20
 3.9 7.0 6.9 .0 .0 .0 3.3 5.1 12.9

DATO 21 22 23 24 25 26 27 28 29 30
 9.2 5.4 7.6 5.8 10.0 7.5 3.3 5.6 3.3 .0

ANTALL DAGER : 30
 ANTALL OBSERVASJONER : 19

MAKSIMALVERDI : 12.9 OBSERVERT 1 GANG(ER)
 MINIMALVERDI : .0 OBSERVERT 4 GANG(ER)
 MIDDELVERDI : 5.1
 STANDARDAVVIK : 3.5

STED : ØRNDALEN
 PERIODE: JULI 1990
 STOFF : NO2
 ENHET : UG/M3

DATO	1	2	3	4	5	6	7	8	9	10
	7.1	18.6	17.4	15.4	9.5	15.5	6.5	6.5	9.0	19.3

DATO	11	12	13	14	15	16	17	18	19	20
	8.6	7.4	9.7	12.2	5.5	22.0	21.1	13.4	7.8	11.4

DATO	21	22	23	24	25	26	27	28	29	30	31
	9.8	7.4	9.5	9.7	7.9		10.3	3.6	9.0	19.9	19.3

ANTALL DAGER : 31
 ANTALL OBSERVASJONER : 30

MAKSIMALVERDI : 22.0 OBSERVERT 1 GANG(ER)
 MINIMALVERDI : 3.6 OBSERVERT 1 GANG(ER)
 MIDDELVERDI : 11.7
 STANDARDAVVIK : 5.1

STED : ØRNDALEN
 PERIODE: JULI 1990
 STOFF : SOT
 ENHET : UG/M3

DATO	1	2	3	4	5	6	7	8	9	10
	.0	11.8	11.6	3.8	.0	6.6	.0	.0	7.2	9.0

DATO	11	12	13	14	15	16	17	18	19	20
	5.2	3.5	3.5	.0	.0	7.3	9.2	3.2	5.2	3.8

DATO	21	22	23	24	25	26	27	28	29	30	31
	4.0	.0	3.6	.0	.0		.0	.0	.0	11.9	3.3

ANTALL DAGER : 31
 ANTALL OBSERVASJONER : 30

MAKSIMALVERDI : 11.9 OBSERVERT 1 GANG(ER)
 MINIMALVERDI : .0 OBSERVERT 12 GANG(ER)
 MIDDELVERDI : 3.8
 STANDARDAVVIK : 3.9

STED : ØRNDALEN
 PERIODE: AUGUST 1990
 STOFF : NO2
 ENHET : UG/M3

DATO	1	2	3	4	5	6	7	8	9	10
	18.9	32.4	9.6	3.5	2.4	13.1	11.5	17.7	13.1	14.0

DATO	11	12	13	14	15	16	17	18	19	20
	13.7	13.2	21.8	36.2	22.5	18.9	26.6	10.0	6.7	16.6

DATO	21	22	23	24	25	26	27	28	29	30	31
	21.8	11.7	15.1	20.4	8.6	14.0	30.8	27.0	17.0	51.2	19.9

ANTALL DAGER : 31
 ANTALL OBSERVASJONER : 31

MAKSIMALVERDI : 51.2 OBSERVERT 1 GANG(ER)
 MINIMALVERDI : 2.4 OBSERVERT 1 GANG(ER)
 MIDDELVERDI : 18.1
 STANDARDAVVIK : 9.9

STED : ØRNDALEN
 PERIODE: AUGUST 1990
 STOFF : SOT
 ENHET : UG/M3

DATO	1	2	3	4	5	6	7	8	9	10
	.0	3.4	.0	.0	.0	3.6	6.0	5.3	3.4	4.0

DATO	11	12	13	14	15	16	17	18	19	20
	.0	5.2	11.6	21.6	11.4	8.5	14.1	10.7	.0	8.3

DATO	21	22	23	24	25	26	27	28	29	30	31
	8.7	3.9	8.3	8.6	4.6	4.9	13.1	12.6	7.4	18.5	8.8

ANTALL DAGER : 31
 ANTALL OBSERVASJONER : 31

MAKSIMALVERDI : 21.6 OBSERVERT 1 GANG(ER)
 MINIMALVERDI : .0 OBSERVERT 6 GANG(ER)
 MIDDELVERDI : 7.0
 STANDARDAVVIK : 5.4

STED : ØRNDALEN
 PERIODE: SEPTEMBER 1990
 STOFF : NO2
 ENHET : UG/M3

DATO	1	2	3	4	5	6	7	8	9	10
	10.7	17.1	23.3	34.4	26.8	29.5	28.5	13.5	15.8	41.0

DATO	11	12	13	14	15	16	17	18	19	20
	20.7	17.6	18.4							

DATO	21	22	23	24	25	26	27	28	29	30

ANTALL DAGER : 30
 ANTALL OBSERVASJONER : 13

MAKSIMALVERDI : 41.0 OBSERVERT 1 GANG(ER)
 MINIMALVERDI : 10.7 OBSERVERT 1 GANG(ER)
 MIDDELVERDI : 22.9
 STANDARDAVVIK : 8.4

STED : ØRNDALEN
 PERIODE: SEPTEMBER 1990
 STOFF : SOT
 ENHET : UG/M3

DATO	1	2	3	4	5	6	7	8	9	10
	4.3	6.6	11.7	17.5	11.6	11.6	12.6	4.0	4.0	10.8

DATO	11	12	13	14	15	16	17	18	19	20
	8.8	6.0								

DATO	21	22	23	24	25	26	27	28	29	30

ANTALL DAGER : 30
 ANTALL OBSERVASJONER : 12

MAKSIMALVERDI : 17.5 OBSERVERT 1 GANG(ER)
 MINIMALVERDI : 4.0 OBSERVERT 2 GANG(ER)
 MIDDELVERDI : 9.1
 STANDARDAVVIK : 4.0

VEDLEGG D

Luftkvalitetsdata, timemiddelverdier

FORKLARING TIL TABELLENE

-9900.0: Manglende data

NO.FR : NO Fr. Nansens plass
NOXFR : NO_x Fr. Nansens plass
NO2FR : NO₂ Fr. Nansens plass

NO.PR : NO Prestvannsveien
NOXPR : NO_x Prestvannsveien
NO2PR : NO₂ Prestvannsveien
O3 : Ozon Prestvannsveien

CO.SJ : CO Sjøgata

	NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ				
13	6	90	1	3.7	48.3	42.7	1.1	11.1	9.4	39.6	2.2	289
13	6	90	2	4.4	49.4	42.6	1.1	17.0	15.4	32.7	.6	290
13	6	90	3	5.2	36.3	28.4	1.1	10.2	8.6	39.6	.2	291
13	6	90	4	1.5	16.7	14.5	1.1	5.1	3.5	50.5	.2	292
13	6	90	5	2.2	22.1	18.8	1.1	5.1	3.5	50.5	.2	293
13	6	90	6	5.9	29.7	20.7	1.6	7.7	5.2	49.5	.7	294
13	6	90	7	1.5	11.2	9.0	2.2	11.1	7.7	47.5	1.8	295
13	6	90	8	21.4	73.1	40.4	2.2	9.4	6.0	54.4	1.2	296
13	6	90	9	2.2	12.3	8.9	1.6	6.0	3.5	61.4	1.3	297
13	6	90	10	10.3	38.3	22.5	1.6	3.4	.9	66.3	1.5	298
13	6	90	11	45.7	123.0	53.1	1.0	.9	.0	70.3	1.4	299
13	6	90	12	36.9	103.4	47.0	1.0	2.6	1.0	69.3	2.5	300
13	6	90	13	11.1	37.2	20.3	1.0	1.7	.1	67.3	1.9	301
13	6	90	14	11.8	38.2	20.2	1.0	.9	.0	66.3	2.2	302
13	6	90	15	15.5	45.8	22.2	1.0	.9	.0	64.4	2.0	303
13	6	90	16	6.6	24.1	14.0	1.0	.9	.0	62.4	1.1	304
13	6	90	17	3.7	19.7	14.1	1.0	.9	.0	61.4	.9	305
13	6	90	18	4.4	20.8	14.0	1.0	1.7	.1	60.4	.9	306
13	6	90	19	6.6	30.5	20.4	1.0	1.7	.1	60.4	1.3	307
13	6	90	20	8.1	40.3	27.9	1.0	2.6	1.0	59.4	1.5	308
13	6	90	21	14.7	65.2	42.7	1.0	1.7	.2	60.4	2.1	309
13	6	90	22	9.6	50.0	35.4	1.0	2.6	1.0	58.4	2.9	310
13	6	90	23	6.6	51.1	40.9	1.0	4.3	2.7	53.5	2.7	311
13	6	90	24	8.8	59.7	46.2	1.0	3.4	1.9	50.5	1.4	312
14	6	90	1	5.2	35.8	28.0	1.0	2.6	1.0	47.5	1.9	313
14	6	90	2	5.2	33.7	25.8	1.0	.9	.0	46.5	.6	314
14	6	90	3	2.2	14.1	10.7	1.0	6.0	4.4	45.5	.3	315
14	6	90	4	11.1	42.3	25.4	1.0	3.4	1.9	52.5	.2	316
14	6	90	5	13.3	46.6	26.3	1.0	.9	.0	61.4	.3	317
14	6	90	6	30.9	86.6	39.4	1.0	1.7	.2	58.4	.9	318
14	6	90	7	33.9	88.8	37.0	1.0	5.1	3.6	56.4	1.6	319
14	6	90	8	9.6	32.4	17.8	1.5	8.5	6.2	53.5	1.2	320
14	6	90	9	10.3	35.7	19.9	1.5	6.0	3.6	57.4	1.7	321
14	6	90	10	14.7	45.4	22.9	2.7	12.8	8.7	53.5	2.4	322
14	6	90	11	28.0	69.2	26.4	1.0	1.7	.2	67.3	2.6	323
14	6	90	12	11.0	35.6	18.7	1.0	1.7	.2	69.3	2.2	324
14	6	90	13	6.6	25.8	15.7	1.5	4.3	1.9	68.3	1.9	325
14	6	90	14	8.8	31.2	17.7	1.5	4.3	1.9	68.3	2.5	326
14	6	90	15	4.4	19.3	12.6	1.5	3.4	1.1	69.3	1.4	327
14	6	90	16	10.3	35.5	19.8	1.5	4.3	1.9	69.3	1.1	328
14	6	90	17	5.9	24.7	15.7	2.1	8.5	5.4	63.4	1.1	329
14	6	90	18	5.9	23.6	14.6	2.1	10.2	7.1	62.4	1.3	330
14	6	90	19	6.6	32.2	22.1	2.1	8.5	5.4	62.4	1.2	331
14	6	90	20	7.4	34.4	23.1	1.5	4.3	2.0	64.4	1.3	332
14	6	90	21	8.8	44.1	30.6	.9	2.6	1.1	63.4	1.7	333
14	6	90	22	10.3	56.0	40.2	.9	1.7	.3	62.4	2.4	334
14	6	90	23	7.4	52.7	41.4	.9	2.6	1.1	58.4	3.4	335
14	6	90	24	6.6	47.3	37.1	.9	4.3	2.8	50.5	3.4	336
15	6	90	1	12.5	58.0	38.9	.9	3.4	2.0	44.6	3.5	337
15	6	90	2	1.5	20.2	17.9	.9	2.6	1.2	43.6	1.2	338
15	6	90	3	1.5	18.0	15.8	.9	6.0	4.6	46.5	.5	339
15	6	90	4	.7	11.5	10.4	2.0	8.5	5.4	47.5	.3	340
15	6	90	5	.7	10.4	9.3	1.5	5.1	2.9	52.5	.3	341
15	6	90	6	3.7	23.3	17.7	2.0	8.5	5.4	53.5	.9	342
15	6	90	7	13.2	51.4	31.2	2.6	10.2	6.3	55.4	1.4	343
15	6	90	8	7.4	35.2	24.0	1.5	5.1	2.9	63.4	1.4	344
15	6	90	9	28.7	87.0	43.2	1.5	2.6	.3	65.3	1.6	345
15	6	90	10	16.9	54.6	28.8	1.5	1.7	.0	68.3	1.0	346
15	6	90	11	11.8	41.6	23.6	.9	2.6	1.2	67.3	1.0	347
15	6	90	12	11.8	41.6	23.6	1.5	3.4	1.2	66.3	1.0	348
15	6	90	13	11.0	38.3	21.5	1.5	3.4	1.2	66.3	1.1	349
15	6	90	14	10.3	37.2	21.5	1.4	4.3	2.1	66.3	1.8	350
15	6	90	15	7.3	27.5	16.3	1.4	4.3	2.1	63.4	3.3	351
15	6	90	16	2.9	14.5	10.0	.9	3.4	2.1	62.4	1.6	352
15	6	90	17	5.1	23.1	15.3	.9	2.6	1.2	64.4	1.4	353
15	6	90	18	11.0	44.7	27.9	.9	3.4	2.1	60.4	1.2	354
15	6	90	19	1.5	12.3	10.1	.9	3.4	2.1	59.4	1.2	355
15	6	90	20	8.1	40.3	28.0	.9	8.5	7.2	53.5	1.4	356
15	6	90	21	2.2	24.1	20.8	1.4	14.5	12.4	44.6	1.5	357
15	6	90	22	3.7	29.5	23.9	.9	3.4	2.1	53.5	1.8	358
15	6	90	23	5.1	42.4	34.6	.9	10.3	9.0	45.5	2.2	359
15	6	90	24	5.1	42.4	34.6	.9	6.0	4.7	46.5	3.5	360

	NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ				
16	6	90	1	.7	24.1	22.9	.8	6.0	4.7	43.6	3.0	361
16	6	90	2	1.5	16.5	14.2	.8	11.1	9.8	30.7	2.5	362
16	6	90	3	5.9	28.3	19.4	.8	3.4	2.1	38.6	2.1	363
16	6	90	4	3.7	19.7	14.1	.8	1.7	.4	44.6	.6	364
16	6	90	5	1.5	12.1	9.9	.8	.9	.0	49.5	.4	365
16	6	90	6	.7	9.9	8.8	.8	.9	.0	51.5	.2	366
16	6	90	7	1.5	8.8	6.6	.8	.9	.0	51.5	.3	367
16	6	90	8	1.5	12.1	9.8	.8	.9	.0	50.5	.5	368
16	6	90	9	16.1	51.9	27.2	.8	2.6	1.3	52.5	.5	369
16	6	90	10	22.7	69.1	34.4	.8	3.4	2.2	55.4	.7	370
16	6	90	11	26.4	77.7	37.4	.8	2.6	1.3	58.4	1.5	371
16	6	90	12	7.3	22.8	11.5	1.4	3.4	1.3	61.4	1.4	372
16	6	90	13	6.6	24.9	14.8	.8	2.6	1.3	63.4	1.2	373
16	6	90	14	16.1	54.0	29.3	.8	1.7	.5	64.4	.8	374
16	6	90	15	5.1	20.5	12.7	.8	1.7	.5	66.3	.6	375
16	6	90	16	5.9	17.3	8.3	.8	.9	.0	66.3	.6	376
16	6	90	17	1.5	9.7	7.5	.8	1.7	.5	66.3	.4	377
16	6	90	18	.7	4.3	3.2	.8	2.6	1.4	64.4	.4	378
16	6	90	19	1.5	10.8	8.5	.8	1.7	.5	62.4	.8	379
16	6	90	20	1.5	9.7	7.4	.8	2.6	1.4	58.4	.6	380
16	6	90	21	1.5	10.7	8.5	.8	1.7	.5	60.4	.6	381
16	6	90	22	.7	6.4	5.3	.8	.9	.0	60.4	.7	382
16	6	90	23	2.2	12.9	9.5	.8	.9	.0	58.4	.9	383
16	6	90	24	.7	9.6	8.5	.8	.0	.0	58.4	1.2	384
17	6	90	1	.7	8.5	7.4	.8	.0	.0	59.4	1.5	385
17	6	90	2	.7	7.4	6.3	.8	.0	.0	60.4	.8	386
17	6	90	3	1.5	8.5	6.2	.8	.0	.0	60.4	1.2	387
17	6	90	4	.7	8.5	7.3	.8	.0	.0	61.4	.7	388
17	6	90	5	.7	5.2	4.1	.8	.0	.0	63.4	.3	389
17	6	90	6	.7	5.2	4.1	.8	.0	.0	63.4	.1	390
17	6	90	7	.7	6.3	5.1	.8	.0	.0	64.4	.1	391
17	6	90	8	1.5	7.3	5.1	.7	.0	.0	65.3	.1	392
17	6	90	9	2.2	9.4	6.1	.7	.0	.0	65.3	.1	393
17	6	90	10	2.2	9.4	6.1	.7	.9	.0	64.4	.2	394
17	6	90	11	.7	6.2	5.1	.7	1.7	.6	64.4	.3	395
17	6	90	12	.7	6.2	5.0	.7	1.7	.6	65.3	.4	396
17	6	90	13	.7	5.1	4.0	.7	2.6	1.5	65.3	.4	397
17	6	90	14	1.5	8.3	6.0	.7	2.6	1.5	67.3	.4	398
17	6	90	15	1.5	9.3	7.1	.7	.9	.0	68.3	.6	399
17	6	90	16	2.2	10.4	7.0	.7	1.7	.6	71.3	.7	400
17	6	90	17	2.9	16.8	12.3	.7	1.7	.6	70.3	.8	401
17	6	90	18	2.2	11.4	8.1	.7	1.7	.6	70.3	.8	402
17	6	90	19	2.2	11.4	8.1	.7	3.4	2.3	68.3	.8	403
17	6	90	20	10.2	42.5	26.9	.7	3.4	2.3	64.4	.8	404
17	6	90	21	13.9	55.4	34.2	.7	5.1	4.1	58.4	.4	405
17	6	90	22	8.1	40.4	28.1	.7	2.6	1.5	61.4	.4	406
17	6	90	23	8.8	35.0	21.5	.7	2.6	1.5	59.4	.4	407
17	6	90	24	2.9	16.7	12.2	.7	1.7	.7	61.4	.4	408
18	6	90	1	.7	10.2	9.1	.7	.9	.0	63.4	.4	409
18	6	90	2	1.5	14.5	12.3	.7	.9	.0	65.3	.2	410
18	6	90	3	.7	13.4	12.3	.7	.0	.0	64.4	.2	411
18	6	90	4	.7	16.6	15.5	.1	.9	.7	64.4	.2	412
18	6	90	5	3.7	26.3	20.7	.7	1.7	.7	63.4	.2	413
18	6	90	6	16.1	68.1	43.5	.7	3.4	2.4	60.4	.6	414
18	6	90	7	24.1	84.1	47.3	2.4	12.9	9.2	56.4	1.7	415
18	6	90	8	27.1	77.7	36.3	1.8	6.9	4.1	63.4	2.0	416
18	6	90	9	21.9	59.4	25.9	1.2	4.3	2.4	67.3	1.5	417
18	6	90	10	13.2	39.0	18.9	1.2	2.6	.7	70.3	1.6	418
18	6	90	11	13.2	50.8	30.7	6.3	15.5	5.8	73.3	2.1	419
18	6	90	12	17.5	64.7	37.9	1.8	6.9	4.1	72.3	2.5	420
18	6	90	13	19.7	62.6	32.4	1.2	4.3	2.4	76.2	2.2	421
18	6	90	14	21.9	62.5	29.0	.7	2.6	1.6	73.3	2.0	422
18	6	90	15	25.6	70.0	30.9	1.2	2.6	.7	60.4	1.4	423
18	6	90	16	19.7	59.3	29.1	.6	2.6	1.6	56.4	1.0	424
18	6	90	17	12.4	42.1	23.1	.6	1.7	.7	58.4	.7	425
18	6	90	18	15.3	51.7	28.3	.6	2.6	1.6	56.4	.8	426
18	6	90	19	32.2	86.0	36.9	1.2	6.0	4.2	54.4	1.6	427
18	6	90	20	13.2	46.3	26.2	.6	2.6	1.6	55.4	.9	428
18	6	90	21	2.9	21.7	17.2	.6	2.6	1.6	53.5	1.5	429
18	6	90	22	2.9	21.6	17.2	.6	6.0	5.1	46.5	1.6	430
18	6	90	23	7.3	36.6	25.4	.6	4.3	3.3	46.5	1.8	431
18	6	90	24	6.6	34.4	24.4	.6	2.6	1.6	47.5	1.0	432

			NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ		
19	6	90	1	7.3	39.8	28.6	.6	2.6	1.6	40.6	.8	433
19	6	90	2	2.2	18.3	15.0	.6	1.7	.8	36.6	.4	434
19	6	90	3	2.2	18.3	15.0	.6	3.4	2.5	34.7	.1	435
19	6	90	4	1.5	13.0	10.7	.6	2.6	1.7	42.6	.2	436
19	6	90	5	2.2	14.0	10.7	.6	1.7	.8	48.5	.3	437
19	6	90	6	9.5	32.2	17.7	1.7	6.9	4.2	47.5	.8	438
19	6	90	7	5.1	21.5	13.6	3.4	14.6	9.3	44.6	1.6	439
19	6	90	8	10.2	36.4	20.8	1.7	6.9	4.2	50.5	1.6	440
19	6	90	9	9900.0	9900.0	9900.0	.6	1.7	.8	55.4	.9	441
19	6	90	10	9900.0	9900.0	9900.0	.6	1.7	.8	58.4	9900.0	442
19	6	90	11	18.2	53.5	25.6	1.2	2.6	.8	59.4	1.1	443
19	6	90	12	19.7	58.9	28.8	.6	2.6	1.7	61.4	1.7	444
19	6	90	13	21.2	64.3	31.9	1.1	2.6	.8	65.3	1.3	445
19	6	90	14	24.1	72.8	36.0	.6	.9	.0	24.7	2.0	446
19	6	90	15	16.1	56.8	32.3	9900.0	9900.0	9900.0	9900.0	1.6	447
19	6	90	16	13.1	50.4	30.3	9900.0	9900.0	9900.0	9900.0	1.8	448
19	6	90	17	14.6	56.8	34.5	1.1	4.3	2.6	63.4	1.2	449
19	6	90	18	9.5	43.0	28.5	.6	3.4	2.6	64.4	1.5	450
19	6	90	19	12.4	58.0	39.0	1.1	8.6	6.9	57.4	2.2	451
19	6	90	20	19.7	78.3	48.2	1.1	6.9	5.2	56.4	2.2	452
19	6	90	21	10.2	50.5	34.9	.6	6.9	6.0	54.4	2.2	453
19	6	90	22	19.0	75.1	46.1	.5	9.5	8.6	47.5	2.2	454
19	6	90	23	22.6	85.8	51.3	.5	6.0	5.2	46.5	2.2	455
19	6	90	24	15.3	80.5	57.1	.5	6.9	6.1	36.6	1.9	456
20	6	90	1	11.0	63.4	46.7	.5	2.6	1.8	43.6	1.5	457
20	6	90	2	5.1	37.8	29.9	.5	1.7	.9	42.6	.8	458
20	6	90	3	8.8	47.4	34.0	.5	5.2	4.4	41.6	.5	459
20	6	90	4	14.6	57.1	34.7	.5	3.4	2.6	45.5	.4	460
20	6	90	5	3.7	20.7	15.1	.5	1.7	.9	51.5	.4	461
20	6	90	6	5.1	25.0	17.2	1.1	4.3	2.6	50.5	1.7	462
20	6	90	7	4.4	21.8	15.1	5.7	22.4	13.8	37.6	2.3	463
20	6	90	8	12.4	55.0	36.0	1.1	5.2	3.5	55.4	1.9	464
20	6	90	9	21.9	70.0	36.5	1.1	4.3	2.6	57.4	1.5	465
20	6	90	10	25.5	75.4	36.3	.5	2.6	1.8	58.4	1.5	466
20	6	90	11	21.9	63.6	30.1	.5	2.6	1.8	60.4	1.2	467
20	6	90	12	25.5	73.3	34.2	.5	2.6	1.8	59.4	1.4	468
20	6	90	13	24.1	70.1	33.3	.5	2.6	1.8	60.4	2.4	469
20	6	90	14	27.7	81.9	39.5	.5	2.6	1.8	59.4	3.6	470
20	6	90	15	16.1	51.9	27.4	1.6	7.8	5.3	57.4	5.1	471
20	6	90	16	11.7	46.6	28.7	1.6	9.5	7.0	59.4	1.6	472
20	6	90	17	8.0	32.7	20.4	1.6	8.6	6.1	60.4	1.3	473
20	6	90	18	5.1	27.4	19.6	.5	2.6	1.8	61.4	1.3	474
20	6	90	19	5.8	31.7	22.7	.5	2.6	1.8	58.4	2.3	475
20	6	90	20	8.8	42.4	29.0	.5	3.5	2.7	54.4	2.5	476
20	6	90	21	5.8	38.1	29.2	.5	2.6	1.9	47.5	2.5	477
20	6	90	22	27.7	103.4	61.0	.5	6.0	5.3	45.5	3.3	478
20	6	90	23	59.9	150.5	59.0	.5	6.9	6.2	37.6	2.3	479
20	6	90	24	33.6	98.1	46.8	.5	8.6	7.9	33.7	3.2	480
21	6	90	1	27.0	87.4	46.1	1.0	14.7	13.1	26.7	2.6	481
21	6	90	2	23.4	74.6	38.9	1.0	11.2	9.6	26.7	.9	482
21	6	90	3	16.1	61.8	37.2	.5	6.0	5.3	29.7	.5	483
21	6	90	4	21.2	73.6	41.2	.5	4.3	3.6	49.5	.5	484
21	6	90	5	16.1	60.7	36.2	1.0	5.2	3.6	55.4	.4	485
21	6	90	6	16.8	60.8	35.1	1.0	6.0	4.5	55.4	1.4	486
21	6	90	7	13.1	54.4	34.3	2.7	13.0	8.8	51.5	2.1	487
21	6	90	8	12.4	52.2	33.3	1.6	6.9	4.5	64.4	2.4	488
21	6	90	9	10.2	45.8	30.2	1.0	6.1	4.5	69.3	2.1	489
21	6	90	10	18.2	65.1	37.2	.4	2.6	1.9	75.2	1.2	490
21	6	90	11	19.0	64.1	35.1	.4	2.6	1.9	76.2	1.5	491
21	6	90	12	17.5	60.9	34.1	.4	1.7	1.1	77.2	1.4	492
21	6	90	13	21.2	70.5	38.2	.4	1.7	1.1	78.2	2.5	493
21	6	90	14	22.6	74.8	40.2	.4	1.7	1.1	80.2	2.7	494
21	6	90	15	31.4	95.2	47.2	.4	1.7	1.1	81.2	3.0	495
21	6	90	16	24.8	89.8	51.9	.4	1.7	1.1	84.1	1.6	496
21	6	90	17	24.1	93.1	56.3	1.0	6.1	4.5	73.3	2.1	497
21	6	90	18	13.1	66.3	46.3	1.0	8.7	7.1	71.3	2.1	498
21	6	90	19	16.1	69.6	45.0	1.0	11.3	9.7	65.3	2.6	499
21	6	90	20	16.1	71.7	47.2	.4	5.2	4.6	66.3	3.2	500
21	6	90	21	22.6	84.6	50.0	.4	2.6	2.0	67.3	4.5	501
21	6	90	22	36.5	123.1	67.4	.4	1.7	1.1	63.4	2.7	502
21	6	90	23	31.4	115.7	67.7	.4	4.3	3.7	62.4	3.2	503
21	6	90	24	12.4	70.7	51.8	.4	6.9	6.3	59.4	3.0	504

				NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ	
22	6	90	1	25.5	92.2	53.1	.4	6.1	5.5	49.5	2.6	505
22	6	90	2	32.1	105.0	55.9	.4	5.2	4.6	40.6	1.2	506
22	6	90	3	22.6	94.3	59.8	.4	6.9	6.3	31.7	.5	507
22	6	90	4	19.0	70.8	41.8	1.5	14.7	12.4	36.6	.3	508
22	6	90	5	13.1	50.5	30.4	2.1	13.9	10.7	31.7	.3	509
22	6	90	6	16.1	66.6	42.0	3.2	18.2	13.2	27.7	.7	510
22	6	90	7	42.3	122.2	57.5	7.3	32.9	21.9	25.7	1.8	511
22	6	90	8	56.2	156.5	70.6	2.1	14.7	11.5	49.5	2.2	512
22	6	90	9	43.8	126.5	59.6	.9	8.7	7.2	59.4	2.7	513
22	6	90	10	54.8	153.3	69.7	.4	6.1	5.5	64.4	3.5	514
22	6	90	11	43.8	131.9	65.0	.4	3.5	2.9	69.3	3.6	515
22	6	90	12	59.9	176.9	85.4	1.5	11.3	9.0	64.4	4.2	516
22	6	90	13	81.8	216.5	91.6	3.2	25.2	20.2	48.5	9.8	517
22	6	90	14	67.2	182.3	79.7	.9	8.7	7.3	67.3	7.1	518
22	6	90	15	70.1	188.7	81.6	.4	7.8	7.3	67.3	4.5	519
22	6	90	16	21.9	102.1	68.6	.3	6.1	5.5	62.4	3.5	520
22	6	90	17	16.1	94.6	70.1	3.8	37.3	31.5	29.7	2.6	521
22	6	90	18	12.4	70.0	51.0	1.5	25.2	22.9	48.5	1.5	522
22	6	90	19	5.1	45.4	37.6	2.1	24.3	21.2	43.6	1.8	523
22	6	90	20	3.7	40.1	34.5	.3	4.3	3.8	65.3	2.2	524
22	6	90	21	2.2	32.6	29.3	.3	5.2	4.7	61.4	2.3	525
22	6	90	22	2.9	38.0	33.5	.3	3.5	3.0	67.3	2.3	526
22	6	90	23	5.8	47.6	38.7	.3	6.1	5.6	61.4	3.0	527
22	6	90	24	9.5	65.8	51.3	.3	3.5	3.0	62.4	4.7	528
23	6	90	1	15.3	71.2	47.8	.3	3.5	3.0	64.4	4.5	529
23	6	90	2	5.1	53.0	45.2	.3	2.6	2.1	60.4	3.6	530
23	6	90	3	9.5	69.1	54.6	.3	4.3	3.9	48.5	2.8	531
23	6	90	4	8.8	57.4	44.0	.3	7.8	7.3	30.7	.9	532
23	6	90	5	4.4	32.8	26.1	.9	9.6	8.2	50.5	.3	533
23	6	90	6	2.2	22.1	18.7	2.0	15.6	12.5	44.6	.5	534
23	6	90	7	1.5	14.6	12.4	4.9	27.8	20.3	41.6	.8	535
23	6	90	8	9.5	43.5	29.0	2.0	13.9	10.8	50.5	1.0	536
23	6	90	9	10.2	46.8	31.1	2.0	13.9	10.8	67.3	1.9	537
23	6	90	10	4.4	24.3	17.6	.9	10.4	9.1	75.2	2.4	538
23	6	90	11	7.3	32.9	21.7	.9	7.8	6.5	82.2	2.6	539
23	6	90	12	8.8	39.3	25.9	.9	8.7	7.4	81.2	1.7	540
23	6	90	13	5.8	26.5	17.6	.3	6.1	5.7	79.2	1.6	541
23	6	90	14	3.7	21.2	15.6	.9	8.7	7.4	75.2	.9	542
23	6	90	15	2.9	16.9	12.4	.9	6.1	4.8	73.3	1.0	543
23	6	90	16	1.5	11.6	9.3	.3	4.4	3.9	73.3	.8	544
23	6	90	17	2.9	21.2	16.8	.3	2.6	2.2	75.2	.7	545
23	6	90	18	2.2	21.2	17.9	.3	6.1	5.7	72.3	.7	546
23	6	90	19	3.7	19.1	13.5	.3	4.4	3.9	74.2	1.2	547
23	6	90	20	1.5	20.2	18.0	.3	7.0	6.6	71.3	1.6	548
23	6	90	21	.7	12.7	11.6	.3	12.2	11.8	64.4	1.2	549
23	6	90	22	1.5	18.1	15.9	.3	8.7	8.3	56.4	.9	550
23	6	90	23	5.1	42.7	34.9	.3	9.6	9.2	47.5	2.0	551
23	6	90	24	3.7	38.5	32.9	.3	7.8	7.5	44.6	2.8	552
24	6	90	1	5.8	49.2	40.3	.2	8.7	8.3	37.6	2.2	553
24	6	90	2	3.7	34.2	28.7	.2	7.8	7.5	35.6	3.1	554
24	6	90	3	9.5	55.7	41.2	.8	13.1	11.8	34.7	2.8	555
24	6	90	4	8.8	50.3	36.9	1.4	11.3	9.2	45.5	.9	556
24	6	90	5	2.9	20.4	15.9	.8	6.1	4.9	64.4	.5	557
24	6	90	6	2.2	20.4	17.1	.2	3.5	3.1	73.3	.6	558
24	6	90	7	2.2	19.4	16.0	.2	4.4	4.0	76.2	.6	559
24	6	90	8	.7	14.0	12.9	.2	3.5	3.1	79.2	.3	560
24	6	90	9	.7	9.8	8.6	.2	3.5	3.1	81.2	.5	561
24	6	90	10	.7	13.0	11.9	.2	3.5	3.2	82.2	.6	562
24	6	90	11	1.5	13.0	10.8	.2	2.6	2.3	85.1	1.0	563
24	6	90	12	4.4	26.9	20.2	.8	7.0	5.8	83.2	.8	564
24	6	90	13	2.9	22.7	18.2	1.4	9.6	7.5	80.2	1.2	565
24	6	90	14	4.4	31.3	24.6	.2	4.4	4.0	80.2	1.5	566
24	6	90	15	3.7	25.9	20.4	.8	7.0	5.8	77.2	1.3	567
24	6	90	16	2.9	20.6	16.1	1.9	14.0	11.0	69.3	.9	568
24	6	90	17	3.7	26.0	20.4	.8	8.7	7.5	75.2	1.0	569
24	6	90	18	4.4	31.3	24.6	1.9	15.7	12.8	66.3	1.0	570
24	6	90	19	5.1	44.2	36.4	.2	7.0	6.7	67.3	2.0	571
24	6	90	20	3.7	34.6	29.0	.8	11.4	10.2	52.5	1.4	572
24	6	90	21	5.1	37.8	30.0	.2	7.0	6.7	53.5	1.3	573
24	6	90	22	13.9	59.2	38.0	.2	3.5	3.2	66.3	1.5	574
24	6	90	23	8.0	60.3	48.1	.2	3.5	3.2	60.4	2.4	575
24	6	90	24	6.6	59.3	49.2	.2	3.5	3.2	48.5	1.6	576

			NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ		
25	6	90	1	1.5	37.9	35.7	.2	5.2	5.0	47.5	.9	577
25	6	90	2	1.5	28.3	26.0	.2	5.2	5.0	39.6	.5	578
25	6	90	3	2.9	37.9	33.5	.2	2.6	2.4	41.6	.4	579
25	6	90	4	3.7	35.8	30.2	.2	6.1	5.9	31.7	.4	580
25	6	90	5	6.6	43.3	33.3	.7	9.6	8.5	38.6	.4	581
25	6	90	6	43.1	117.2	51.4	3.6	20.1	14.6	38.6	.9	582
25	6	90	7	61.3	167.5	73.8	3.0	17.5	12.8	47.5	2.3	583
25	6	90	8	48.9	141.8	67.1	1.9	13.1	10.2	59.4	2.1	584
25	6	90	9	29.9	96.9	51.2	.7	7.0	5.9	73.3	2.4	585
25	6	90	10	20.4	78.7	47.5	.1	4.4	4.2	87.1	3.9	586
25	6	90	11	17.5	75.5	48.8	.1	4.4	4.2	86.1	3.8	587
25	6	90	12	8.8	42.4	29.0	.7	4.4	3.3	83.2	1.5	588
25	6	90	13	6.6	33.8	23.8	.7	6.1	5.0	86.1	2.1	589
25	6	90	14	9.5	40.3	25.8	.7	6.1	5.0	86.1	2.1	590
25	6	90	15	12.4	55.3	36.3	.7	5.3	4.2	85.1	2.1	591
25	6	90	16	4.4	26.4	19.7	.7	5.3	4.2	85.1	1.2	592
25	6	90	17	2.9	25.4	20.9	.1	3.5	3.3	85.1	.8	593
25	6	90	18	3.7	25.4	19.8	.1	3.5	3.3	82.2	1.5	594
25	6	90	19	4.4	32.9	26.2	.1	4.4	4.2	77.2	1.3	595
25	6	90	20	5.8	41.5	32.5	.1	2.6	2.5	80.2	3.1	596
25	6	90	21	17.5	76.8	50.0	.1	2.6	2.5	75.2	2.8	597
25	6	90	22	59.9	187.0	95.6	.1	8.8	8.6	49.5	3.6	598
25	6	90	23	105.1	249.1	88.5	.1	13.1	13.0	42.6	4.4	599
25	6	90	24	18.2	99.3	71.4	.1	13.1	13.0	51.5	1.6	600
26	6	90	1	7.3	60.8	49.7	.0	7.0	7.7	68.3	.7	601
26	6	90	2	1.5	34.1	31.9	.1	2.6	2.5	72.3	.5	602
26	6	90	3	.7	22.3	21.2	.1	2.6	2.5	76.2	.4	603
26	6	90	4	.0	9.5	9.5	.0	2.6	3.4	73.3	.3	604
26	6	90	5	1.5	20.2	18.0	.1	1.8	1.6	66.3	.3	605
26	6	90	6	8.0	41.7	29.4	.1	2.6	2.5	66.3	.4	606
26	6	90	7	6.6	37.4	27.4	.1	9.6	9.5	56.4	1.5	607
26	6	90	8	8.8	46.0	32.6	.1	7.0	6.9	60.4	1.2	608
26	6	90	9	6.6	36.4	26.3	.1	6.1	6.0	60.4	1.1	609
26	6	90	10	9900.0	9900.0	9900.0	.1	6.1	6.0	58.4	2.2	610
26	6	90	11	12.4	51.3	32.4	.1	2.6	2.5	60.4	9900.0	611
26	6	90	12	16.8	71.7	46.0	.1	5.3	5.2	53.5	3.7	612
26	6	90	13	11.7	57.7	39.9	.1	5.3	5.2	53.5	5.6	613
26	6	90	14	40.9	114.4	52.0	1.8	22.8	20.1	28.7	6.1	614
26	6	90	15	69.3	175.4	69.5	1.8	26.3	23.6	24.7	9.6	615
26	6	90	16	52.5	143.3	63.0	1.2	16.7	14.8	32.7	2.8	616
26	6	90	17	29.2	99.4	54.8	1.2	17.6	15.7	33.7	1.9	617
26	6	90	18	39.4	117.6	57.4	.6	8.8	7.8	38.6	1.7	618
26	6	90	19	29.2	91.9	47.3	.0	5.3	5.2	48.5	1.5	619
26	6	90	20	24.1	78.0	41.2	.0	4.4	4.3	46.5	2.0	620
26	6	90	21	20.4	74.8	43.6	.0	4.4	4.3	44.6	1.3	621
26	6	90	22	5.1	38.4	30.6	.0	7.9	7.9	34.7	1.8	622
26	6	90	23	23.3	87.6	51.9	.0	5.3	5.2	27.7	2.4	623
26	6	90	24	9.5	54.4	39.9	.0	4.4	4.4	15.8	1.5	624
27	6	90	1	3.6	36.2	30.6	.0	4.4	4.4	16.8	1.4	625
27	6	90	2	2.2	25.5	22.1	.0	4.4	4.4	27.7	.6	626
27	6	90	3	20.4	57.6	26.4	.0	2.6	2.6	29.7	.3	627
27	6	90	4	16.0	52.2	27.7	.0	2.6	2.6	40.6	.4	628
27	6	90	5	20.4	57.5	26.4	.6	6.2	5.3	40.6	.2	629
27	6	90	6	21.9	69.3	35.9	1.2	7.9	6.1	39.6	1.1	630
27	6	90	7	38.6	105.7	46.6	.6	6.2	5.3	48.5	1.7	631
27	6	90	8	18.9	66.1	37.1	.0	2.6	2.6	58.4	.8	632
27	6	90	9	18.9	69.3	40.3	9900.0	9900.0	9900.0	9900.0	1.1	633
27	6	90	10	25.5	79.9	41.0	.0	2.6	2.6	60.4	1.5	634
27	6	90	11	14.6	51.0	28.8	.0	2.6	2.6	64.4	1.3	635
27	6	90	12	15.3	54.2	30.9	.0	2.6	2.6	63.4	3.1	636
27	6	90	13	21.1	69.2	36.9	.0	3.5	3.5	63.4	3.1	637
27	6	90	14	28.4	89.5	46.1	.0	4.4	4.4	58.4	2.5	638
27	6	90	15	37.9	115.2	57.3	.0	4.4	4.4	58.4	3.0	639
27	6	90	16	21.1	70.2	38.0	.0	4.4	4.4	60.4	1.2	640
27	6	90	17	16.7	59.5	33.9	.0	2.6	2.6	61.4	1.0	641
27	6	90	18	10.9	40.2	23.6	.0	2.6	2.6	60.4	.9	642
27	6	90	19	12.4	50.9	32.0	.0	3.5	3.5	53.5	.6	643
27	6	90	20	10.2	40.2	24.7	.0	2.6	2.6	50.5	.8	644
27	6	90	21	11.6	52.0	34.2	.0	2.6	2.6	46.5	1.6	645
27	6	90	22	13.1	54.1	34.1	.0	2.6	2.6	47.5	1.3	646
27	6	90	23	13.8	53.0	31.9	.0	2.6	2.6	45.5	.9	647
27	6	90	24	5.1	27.3	19.5	.0	.9	.9	52.5	.5	648

				NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ	
28	6	90	1	2.2	18.8	15.4	.0	.9	.9	56.4	.5	649
28	6	90	2	.7	11.3	10.1	.0	.9	.9	57.4	.3	650
28	6	90	3	.7	9.1	8.0	.0	.0	.0	58.4	.1	651
28	6	90	4	.0	5.9	5.9	.0	.0	.0	56.4	.1	652
28	6	90	5	1.5	9.1	6.9	.0	.9	.9	53.5	.1	653
28	6	90	6	11.4	45.4	27.7	.0	2.6	2.6	53.5	.4	654
28	6	90	7	22.5	72.2	37.7	.6	4.4	3.5	50.5	.9	655
28	6	90	8	23.3	75.4	39.8	.0	2.6	2.6	54.4	1.3	656
28	6	90	9	28.4	80.7	37.4	.0	2.6	2.6	55.4	.9	657
28	6	90	10	21.8	65.7	32.4	.0	2.6	2.6	56.4	.9	658
28	6	90	11	16.0	50.7	26.3	.6	2.6	1.8	57.4	.8	659
28	6	90	12	26.2	75.3	35.3	.6	2.6	1.8	59.4	1.6	660
28	6	90	13	16.0	51.8	27.3	.6	3.5	2.6	56.4	1.3	661
28	6	90	14	16.7	51.8	26.2	.6	3.5	2.6	56.4	1.1	662
28	6	90	15	26.2	80.6	40.7	.6	4.4	3.5	54.4	3.1	663
28	6	90	16	14.5	52.8	30.6	.0	2.6	2.6	55.4	1.0	664
28	6	90	17	11.6	42.1	24.3	.0	2.6	2.6	53.5	.8	665
28	6	90	18	10.9	37.8	21.1	.6	4.4	3.5	53.5	.6	666
28	6	90	19	13.8	47.4	26.3	.0	2.6	2.6	54.4	.6	667
28	6	90	20	19.6	64.5	34.6	.0	2.6	2.6	54.4	.7	668
28	6	90	21	16.0	60.2	35.8	.0	6.2	6.2	43.6	2.6	669
28	6	90	22	29.8	98.7	53.2	.0	2.7	2.7	46.5	3.0	670
28	6	90	23	14.5	63.4	41.2	.0	1.8	1.8	45.5	2.1	671
28	6	90	24	3.6	28.1	22.5	.0	.9	.9	43.6	2.1	672
29	6	90	1	1.5	20.6	18.4	.0	.9	.9	47.5	2.0	673
29	6	90	2	4.4	24.9	18.2	.0	1.8	1.8	41.6	.7	674
29	6	90	3	2.9	16.3	11.8	.0	2.7	2.7	39.6	.2	675
29	6	90	4	2.2	13.1	9.7	.0	2.7	2.7	41.6	.1	676
29	6	90	5	8.7	31.2	17.9	.0	1.8	1.8	46.5	.2	677
29	6	90	6	21.1	67.6	35.4	.6	2.7	1.8	50.5	.8	678
29	6	90	7	8.0	31.2	19.0	.6	4.4	3.5	51.5	1.6	679
29	6	90	8	13.1	45.1	25.2	.6	3.5	2.6	53.5	1.4	680
29	6	90	9	13.8	45.1	24.0	.0	2.7	2.7	56.4	.9	681
29	6	90	10	18.1	60.1	32.3	.0	1.8	1.8	56.4	1.9	682
29	6	90	11	22.5	69.7	35.3	.0	2.7	2.7	54.4	2.6	683
29	6	90	12	26.1	77.2	37.2	.0	2.7	2.7	55.4	3.4	684
29	6	90	13	30.5	88.9	42.4	.6	3.5	2.6	52.5	3.2	685
29	6	90	14	18.1	60.0	32.3	.6	6.2	5.3	47.5	5.9	686
29	6	90	15	13.8	48.2	27.2	.6	6.2	5.3	44.6	3.9	687
29	6	90	16	3.6	20.4	14.9	.0	2.7	2.7	45.5	2.0	688
29	6	90	17	4.4	25.7	19.1	.0	3.5	3.5	41.6	1.5	689
29	6	90	18	5.8	34.3	25.4	.0	8.0	8.0	34.7	1.3	690
29	6	90	19	2.9	24.6	20.2	.0	6.2	6.2	37.6	1.3	691
29	6	90	20	2.2	23.6	20.2	.0	4.4	4.4	38.6	1.3	692
29	6	90	21	1.5	17.1	14.9	.0	2.7	2.7	39.6	1.4	693
29	6	90	22	4.3	27.8	21.2	.0	4.4	4.4	38.6	3.1	694
29	6	90	23	4.3	36.4	29.7	.0	15.1	15.1	20.8	5.6	695
29	6	90	24	7.2	46.0	34.9	.0	7.1	7.1	25.7	4.3	696
30	6	90	1	19.6	80.2	50.3	.0	2.7	2.7	41.6	3.1	697
30	6	90	2	9.4	53.4	39.0	.0	1.8	1.8	45.5	2.2	698
30	6	90	3	4.3	35.2	28.6	.0	1.8	1.8	42.6	1.5	699
30	6	90	4	2.2	22.4	19.1	.0	.9	.9	49.5	.4	700
30	6	90	5	.7	9.5	8.4	.0	.0	.0	57.4	.1	701
30	6	90	6	.7	11.7	10.6	.0	.9	.9	59.4	.2	702
30	6	90	7	1.4	12.7	10.5	.0	.9	.9	58.4	.1	703
30	6	90	8	2.9	22.3	17.9	.0	1.8	1.8	57.4	.5	704
30	6	90	9	2.2	17.0	13.7	.0	1.8	1.8	58.4	.9	705
30	6	90	10	7.2	35.1	24.1	.0	2.7	2.7	58.4	.7	706
30	6	90	11	2.2	18.0	14.7	.0	4.4	4.4	54.4	3.4	707
30	6	90	12	2.9	18.0	13.6	.0	2.7	2.7	60.4	5.1	708
30	6	90	13	2.2	18.0	14.7	.6	4.4	3.5	53.5	4.5	709
30	6	90	14	2.2	21.2	17.9	.0	3.5	3.5	52.5	2.0	710
30	6	90	15	4.3	23.3	16.7	.0	2.7	2.7	56.4	1.8	711
30	6	90	16	2.2	20.1	16.8	.0	6.2	6.2	52.5	1.7	712
30	6	90	17	2.2	20.1	16.8	.0	4.4	4.4	50.5	1.3	713
30	6	90	18	2.2	16.9	13.5	.6	8.0	7.1	45.5	1.1	714
30	6	90	19	2.2	14.7	11.4	.0	5.3	5.3	43.6	1.2	715
30	6	90	20	3.6	26.5	20.9	.6	10.7	9.8	37.6	1.1	716
30	6	90	21	2.9	26.4	22.0	.0	5.3	5.3	42.6	1.8	717
30	6	90	22	2.9	28.6	24.2	.0	4.4	4.4	34.7	2.0	718
30	6	90	23	7.2	43.5	32.5	.0	6.2	6.2	38.6	2.5	719
30	6	90	24	1.4	17.9	15.6	.0	6.2	6.2	30.7	4.7	720
MANGLER (ANT)				258	258	258	279	279	279	279	274	
MANGLER (%)				35.8	35.8	35.8	38.7	38.7	38.7	38.7	38.1	

	NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.SJ	CO.SJ		
1	7 90 1	7.2	44.6	33.5	.0	3.6	3.6	27.7	2.9	1
1	7 90 2	2.9	27.5	23.0	.0	2.7	2.7	35.6	3.9	2
1	7 90 3	5.1	33.9	26.1	.6	9.8	8.9	27.7	2.5	3
1	7 90 4	1.4	14.6	12.4	.0	.9	.9	45.5	.5	4
1	7 90 5	2.2	12.4	9.1	.0	1.8	1.8	46.5	1.5	5
1	7 90 6	.0	3.9	3.9	.0	.9	.9	49.5	.3	6
1	7 90 7	1.4	10.3	8.1	.0	.9	.9	47.5	.1	7
1	7 90 8	.0	4.9	4.9	.0	.9	.9	52.5	.2	8
1	7 90 9	.0	2.8	2.8	.0	.9	.9	53.5	.2	9
1	7 90 10	.7	7.0	5.9	.0	.9	.9	53.5	.4	10
1	7 90 11	8.7	29.5	16.2	.0	1.8	1.8	53.5	.8	11
1	7 90 12	.7	5.9	4.8	.6	4.4	3.6	52.5	.5	12
1	7 90 13	1.4	9.1	6.9	1.2	5.3	3.5	52.5	.6	13
1	7 90 14	2.9	13.4	9.0	1.2	5.3	3.5	50.5	.8	14
1	7 90 15	9.4	33.7	19.4	.0	.0	.0	52.5	.8	15
1	7 90 16	6.5	23.0	13.1	.0	.0	.0	53.5	.8	16
1	7 90 17	13.7	47.6	26.6	.0	.9	.9	51.5	.6	17
1	7 90 18	8.7	33.7	20.4	.0	.9	.9	50.5	.6	18
1	7 90 19	6.5	28.3	18.4	.0	.9	.9	51.5	.7	19
1	7 90 20	10.1	40.1	24.6	.0	.9	.9	48.5	.7	20
1	7 90 21	7.9	31.5	19.4	.0	.9	1.8	49.5	.7	21
1	7 90 22	15.9	55.0	30.7	.0	.9	.9	47.5	1.5	22
1	7 90 23	36.1	105.3	50.1	.0	2.7	2.7	35.6	2.8	23
1	7 90 24	24.5	81.7	44.2	.0	3.6	3.6	29.7	1.7	24
2	7 90 1	22.4	75.3	41.1	.0	4.5	4.5	28.7	1.7	25
2	7 90 2	25.3	80.6	42.0	.0	2.7	2.7	27.7	.8	26
2	7 90 3	13.7	53.9	32.9	.6	5.3	4.4	26.7	.3	27
2	7 90 4	3.6	22.8	17.3	.6	7.1	6.2	27.7	.2	28
2	7 90 5	3.6	21.8	16.2	.6	6.2	5.3	27.7	.3	29
2	7 90 6	5.8	26.0	17.2	.6	4.5	3.6	44.6	1.0	30
2	7 90 7	6.5	27.1	17.2	2.9	13.4	8.9	40.6	1.9	31
2	7 90 8	15.2	53.8	30.7	4.1	19.6	13.3	37.6	2.2	32
2	7 90 9	34.6	100.9	48.0	3.5	18.7	13.3	38.6	2.4	33
2	7 90 10	14.4	49.5	27.5	1.2	7.1	5.3	54.4	2.1	34
2	7 90 11	21.6	62.3	29.3	.6	2.7	1.8	59.4	1.3	35
2	7 90 12	24.5	68.7	31.3	.6	4.5	3.6	56.4	2.3	36
2	7 90 13	23.8	62.3	26.0	1.2	5.4	3.6	56.4	3.3	37
2	7 90 14	29.6	81.6	36.4	.6	2.7	1.8	60.4	3.0	38
2	7 90 15	28.1	78.3	35.4	.6	4.5	3.6	58.4	2.8	39
2	7 90 16	24.5	73.0	35.5	.6	4.5	3.6	58.4	1.0	40
2	7 90 17	13.7	46.2	25.3	.0	4.5	4.5	58.4	1.1	41
2	7 90 18	10.1	39.8	24.4	.0	6.2	6.2	58.4	1.7	42
2	7 90 19	8.7	36.6	23.3	.0	5.4	5.4	59.4	2.0	43
2	7 90 20	8.6	36.5	23.3	.0	7.1	7.1	56.4	2.4	44
2	7 90 21	9.4	40.8	26.5	.0	8.0	8.0	52.5	2.3	45
2	7 90 22	5.0	24.8	17.0	.0	6.2	6.2	57.4	2.0	46
2	7 90 23	3.6	19.4	13.9	.0	6.2	6.2	51.5	2.2	47
2	7 90 24	2.2	17.2	13.9	.0	6.2	6.2	48.5	1.2	48
3	7 90 1	18.0	80.4	52.8	.0	3.6	3.6	42.6	1.2	49
3	7 90 2	7.2	50.4	39.4	.0	2.7	2.7	42.6	.6	50
3	7 90 3	2.9	29.0	24.6	.0	.9	.9	47.5	.2	51
3	7 90 4	9.4	43.9	29.6	.0	.0	.0	40.6	.2	52
3	7 90 5	8.6	43.9	30.7	.0	2.7	2.7	45.5	.3	53
3	7 90 6	13.7	56.7	35.8	.0	1.8	1.8	52.5	.7	54
3	7 90 7	18.7	64.2	35.6	.0	3.6	3.6	52.5	1.1	55
3	7 90 8	15.1	49.2	26.1	.0	2.7	2.7	51.5	.6	56
3	7 90 9	9900.0	9900.0	9900.0	.0	3.6	3.6	52.5	.8	57
3	7 90 10	18.7	58.9	30.3	.0	1.8	1.8	54.4	9900.0	58
3	7 90 11	20.2	61.0	30.2	.0	2.7	2.7	52.5	1.1	59
3	7 90 12	22.3	66.4	32.3	.0	2.7	2.7	55.4	1.2	60
3	7 90 13	25.9	76.0	36.4	.0	3.6	3.6	56.4	2.0	61
3	7 90 14	29.5	84.6	39.5	.6	3.6	2.7	56.4	2.8	62
3	7 90 15	16.5	55.7	30.4	.0	3.6	3.6	55.4	1.5	63
3	7 90 16	23.7	77.1	40.8	.0	3.6	3.6	58.4	1.7	64
3	7 90 17	16.5	61.0	35.8	.0	2.7	2.7	59.4	1.1	65
3	7 90 18	7.2	35.3	24.4	.0	3.6	3.6	62.4	2.6	66
3	7 90 19	10.0	49.2	33.9	.0	6.3	6.3	63.4	1.7	67
3	7 90 20	5.0	41.8	34.1	.0	8.9	8.9	41.6	2.0	68
3	7 90 21	20.8	89.9	58.1	.0	10.7	10.7	35.6	3.1	69
3	7 90 22	77.7	196.0	77.2	.0	9.8	9.8	50.5	4.7	70
3	7 90 23	34.5	112.4	59.7	.0	12.5	12.5	39.6	4.6	71
3	7 90 24	38.8	125.3	66.0	.0	5.4	5.4	59.4	3.0	72

				NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.SJ	CO.SJ	
4	7	90	1	20.8	80.3	48.5	.0	4.5	4.5	66.3	1.7	73
4	7	90	2	.6	8.6	7.6	.0	1.8	1.8	56.4	.3	74
4	7	90	3	1.4	27.8	25.8	.0	13.4	13.4	40.6	.3	75
4	7	90	4	2.8	30.0	25.7	.0	4.5	4.5	47.5	.2	76
4	7	90	5	20.1	78.2	47.5	.0	1.8	1.8	44.6	.4	77
4	7	90	6	21.5	84.6	51.8	.0	2.7	2.7	39.6	1.0	78
4	7	90	7	30.9	94.3	47.1	.6	8.1	7.2	41.6	1.3	79
4	7	90	8	20.1	80.4	49.7	.0	8.1	8.1	39.6	2.4	80
4	7	90	9	22.2	82.5	48.6	1.2	10.8	8.9	51.5	1.4	81
4	7	90	10	20.1	72.9	42.2	.0	3.6	3.6	62.4	1.4	82
4	7	90	11	20.8	76.1	44.3	.6	5.4	4.5	64.4	2.2	83
4	7	90	12	16.4	61.1	36.0	.0	2.7	2.7	65.3	2.8	84
4	7	90	13	12.1	39.7	21.1	.0	2.7	2.7	59.4	.8	85
4	7	90	14	15.7	50.4	26.4	.0	2.7	2.7	59.4	1.1	86
4	7	90	15	7.8	32.2	20.2	.6	8.1	7.2	54.4	2.2	87
4	7	90	16	1.3	10.7	8.7	1.2	11.7	9.8	49.5	1.0	88
4	7	90	17	5.6	24.7	16.1	.0	.0	.0	28.7	1.1	89
4	7	90	18	4.2	20.4	14.0	.0	.0	.9	18.8	1.0	90
4	7	90	19	4.9	26.8	19.3	.0	.9	.9	36.6	1.5	91
4	7	90	20	2.7	20.4	16.2	.0	6.3	6.3	48.5	1.0	92
4	7	90	21	3.4	18.2	13.0	.0	4.5	4.5	49.5	1.1	93
4	7	90	22	3.4	25.7	20.5	.0	.9	.9	51.5	1.8	94
4	7	90	23	4.2	31.1	24.7	.0	2.7	2.7	46.5	1.7	95
4	7	90	24	2.0	24.7	21.6	.0	.9	1.8	51.5	1.6	96
5	7	90	1	1.3	23.6	21.7	.0	.9	.9	50.5	1.0	97
5	7	90	2	2.0	13.9	10.9	.0	.9	.9	44.6	.3	98
5	7	90	3	.5	13.9	13.1	.0	1.8	1.8	43.6	.5	99
5	7	90	4	28.6	75.1	31.4	.0	1.8	1.8	45.5	.2	100
5	7	90	5	3.4	15.0	9.8	.0	2.7	2.7	41.6	.3	101
5	7	90	6	13.5	60.1	39.5	.0	6.3	6.3	33.7	.8	102
5	7	90	7	34.4	101.9	49.4	.0	8.1	8.1	35.6	1.4	103
5	7	90	8	31.5	95.5	47.4	.0	4.5	4.5	39.6	1.4	104
5	7	90	9	27.2	83.7	42.2	.0	4.5	4.5	41.6	1.2	105
5	7	90	10	28.6	83.7	40.0	.0	3.6	3.6	50.5	1.3	106
5	7	90	11	16.3	56.9	31.9	.6	3.6	2.7	52.5	2.1	107
5	7	90	12	18.5	61.2	32.9	.6	2.7	1.8	54.4	1.6	108
5	7	90	13	32.9	96.6	46.3	1.8	10.8	8.1	48.5	4.1	109
5	7	90	14	25.7	79.4	40.2	3.6	19.8	14.3	45.5	3.6	110
5	7	90	15	23.5	77.3	41.3	1.2	9.9	8.1	60.4	3.5	111
5	7	90	16	4.8	23.6	16.3	.0	.9	.9	72.3	1.6	112
5	7	90	17	4.8	22.5	15.2	.0	1.8	1.8	72.3	1.9	113
5	7	90	18	4.1	23.6	17.4	.0	2.7	2.7	63.4	1.0	114
5	7	90	19	9.8	41.9	26.8	.6	4.5	3.6	53.5	2.1	115
5	7	90	20	3.3	22.5	17.4	.0	2.7	2.7	53.5	2.0	116
5	7	90	21	4.8	31.1	23.8	.0	1.8	1.8	52.5	2.0	117
5	7	90	22	3.3	25.8	20.7	.0	1.8	1.8	49.5	2.9	118
5	7	90	23	6.2	39.7	30.2	.0	2.7	2.7	39.6	3.4	119
5	7	90	24	1.9	18.3	15.4	.0	2.7	2.7	42.6	3.1	120
6	7	90	1	1.9	19.3	16.4	.0	1.8	1.8	38.6	3.4	121
6	7	90	2	.4	11.8	11.1	.0	.9	.9	34.7	.7	122
6	7	90	3	.4	9.7	9.0	.0	1.8	1.8	26.7	.3	123
6	7	90	4	.4	6.4	5.8	.0	1.8	1.8	44.6	.2	124
6	7	90	5	.0	4.3	4.7	.0	1.8	1.8	48.5	.3	125
6	7	90	6	1.1	7.5	5.8	.6	4.5	3.6	38.6	.8	126
6	7	90	7	6.2	26.9	17.4	4.2	19.8	13.5	31.7	1.5	127
6	7	90	8	10.5	41.9	25.9	6.5	27.9	17.9	29.7	2.0	128
6	7	90	9	13.4	47.3	26.8	7.7	28.8	17.0	35.6	1.7	129
6	7	90	10	22.0	68.8	35.1	4.2	21.6	15.3	36.6	2.3	130
6	7	90	11	25.6	78.4	39.3	1.8	10.8	8.1	55.4	3.3	131
6	7	90	12	19.8	66.6	36.3	1.8	12.6	9.9	66.3	4.7	132
6	7	90	13	20.6	76.3	44.9	.6	4.5	3.6	81.2	3.8	133
6	7	90	14	22.7	80.6	45.9	.0	3.6	3.6	85.1	2.9	134
6	7	90	15	24.1	81.7	44.8	.6	4.5	3.6	81.2	3.0	135
6	7	90	16	19.1	72.0	42.8	.0	2.7	2.7	82.2	1.4	136
6	7	90	17	11.9	53.7	35.6	.0	1.8	1.8	82.2	1.6	137
6	7	90	18	12.6	62.3	43.1	.0	.9	.9	81.2	1.5	138
6	7	90	19	9.0	58.0	44.3	.0	3.6	3.6	75.2	1.5	139
6	7	90	20	10.4	64.5	48.5	.0	2.7	2.7	73.3	1.9	140
6	7	90	21	5.4	43.0	34.7	.0	2.7	2.7	69.3	2.6	141
6	7	90	22	30.6	123.6	76.9	.0	7.2	7.2	52.5	3.4	142
6	7	90	23	24.8	116.1	78.2	.0	10.8	10.8	37.6	4.7	143
6	7	90	24	10.4	88.2	72.2	.0	9.9	9.9	48.5	6.0	144

			NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.SJ	CO.SJ		
7	7	90	1	17.6	91.4	64.5	.0	4.5	4.5	50.5	4.8	145
7	7	90	2	8.3	54.8	42.2	.0	10.8	10.8	47.5	1.7	146
7	7	90	3	1.8	36.6	33.8	.0	3.6	3.6	41.6	2.5	147
7	7	90	4	3.2	46.2	41.3	.6	11.7	10.8	23.8	1.5	148
7	7	90	5	12.6	72.1	52.9	.0	3.6	3.6	48.5	.6	149
7	7	90	6	3.9	33.3	27.3	.0	4.5	4.5	52.5	.3	150
7	7	90	7	1.0	17.2	15.6	.0	3.6	3.6	55.4	.7	151
7	7	90	8	5.4	37.6	29.5	.6	6.3	5.4	49.5	.7	152
7	7	90	9	5.4	37.6	29.5	.6	6.3	5.4	52.5	1.5	153
7	7	90	10	13.3	52.7	32.4	1.2	9.9	8.1	56.4	1.3	154
7	7	90	11	11.8	47.3	29.3	.0	3.6	3.6	65.3	2.1	155
7	7	90	12	13.3	55.9	35.7	.0	2.7	2.7	71.3	2.8	156
7	7	90	13	8.9	47.3	33.7	.0	4.5	4.5	64.4	1.2	157
7	7	90	14	6.8	39.8	29.5	.0	3.6	3.6	64.4	1.6	158
7	7	90	15	7.5	43.0	31.6	.0	4.5	4.5	60.4	1.7	159
7	7	90	16	8.9	52.7	39.1	.0	4.5	4.5	62.4	1.4	160
7	7	90	17	3.2	30.1	25.3	.0	3.6	3.6	66.3	1.6	161
7	7	90	18	9.6	54.9	40.2	.0	3.6	3.6	68.3	.8	162
7	7	90	19	8.2	60.3	47.8	.0	5.4	5.4	67.3	2.4	163
7	7	90	20	6.0	43.1	33.8	.0	3.6	3.6	65.3	.8	164
7	7	90	21	1.0	28.0	26.5	.0	3.6	3.6	57.4	.4	165
7	7	90	22	3.9	52.7	46.9	.0	11.8	11.8	33.7	.6	166
7	7	90	23	3.9	35.5	29.6	.0	2.7	2.7	46.5	.7	167
7	7	90	24	5.3	39.8	31.8	.0	6.3	6.3	44.6	1.4	168
8	7	90	1	9.6	52.8	38.1	.0	5.4	5.4	43.6	2.0	169
8	7	90	2	8.2	44.1	31.7	.0	.9	.9	53.5	1.9	170
8	7	90	3	7.4	37.7	26.3	.0	.9	.9	53.5	2.3	171
8	7	90	4	2.4	22.6	19.0	.0	2.7	2.7	51.5	.8	172
8	7	90	5	3.8	21.5	15.7	.0	.0	.0	53.5	.2	173
8	7	90	6	6.7	33.4	23.1	.0	.9	.9	52.5	.2	174
8	7	90	7	7.4	32.3	21.0	.0	.9	.9	53.5	.2	175
8	7	90	8	.9	15.1	13.7	.0	.9	.9	53.5	.2	176
8	7	90	9	2.4	21.5	17.9	.0	.9	.9	52.5	.3	177
8	7	90	10	3.8	22.6	16.8	.0	.9	.9	55.4	.5	178
8	7	90	11	6.0	28.0	18.9	.0	.9	.9	52.5	.7	179
8	7	90	12	.2	6.5	6.2	.0	3.6	3.6	50.5	1.0	180
8	7	90	13	1.6	10.8	8.3	.6	6.3	5.4	51.5	1.1	181
8	7	90	14	16.7	66.8	41.2	1.8	13.6	10.8	44.6	1.5	182
8	7	90	15	18.2	72.2	44.4	.6	10.0	9.0	45.5	1.7	183
8	7	90	16	11.0	48.5	31.7	1.2	10.9	9.0	45.5	1.5	184
8	7	90	17	39.1	119.6	59.9	1.2	12.7	10.9	42.6	1.9	185
8	7	90	18	16.7	67.9	42.3	3.0	22.6	18.1	33.7	1.2	186
8	7	90	19	8.8	41.0	27.5	.6	5.4	4.5	47.5	1.1	187
8	7	90	20	3.0	20.5	15.8	.0	1.8	1.8	48.5	1.2	188
8	7	90	21	5.2	32.3	24.4	.0	2.7	2.7	48.5	1.9	189
8	7	90	22	8.8	49.6	36.1	.0	2.7	2.7	44.6	4.7	190
8	7	90	23	8.1	51.7	39.4	.0	1.8	1.8	38.6	4.3	191
8	7	90	24	16.7	73.3	47.8	.0	3.6	3.6	36.6	2.7	192
9	7	90	1	24.6	76.5	38.9	.0	1.8	1.8	23.8	1.9	193
9	7	90	2	26.1	85.2	45.4	.0	4.5	4.5	26.7	1.0	194
9	7	90	3	5.9	38.8	29.8	.0	2.7	2.7	32.7	.5	195
9	7	90	4	4.4	25.9	19.1	.0	5.4	5.4	36.6	.4	196
9	7	90	5	1.6	15.1	12.7	.0	4.5	4.5	40.6	.3	197
9	7	90	6	6.6	38.8	28.7	1.2	10.9	9.1	35.6	1.0	198
9	7	90	7	18.1	70.1	42.4	1.2	16.3	14.5	31.7	1.5	199
9	7	90	8	24.6	83.0	45.5	4.2	22.7	16.3	30.7	2.2	200
9	7	90	9	27.5	79.8	37.8	4.2	22.7	16.3	30.7	1.9	201
9	7	90	10	21.7	76.6	43.4	6.6	29.0	19.0	26.7	2.7	202
9	7	90	11	24.6	79.8	42.3	2.4	14.5	10.9	39.6	4.1	203
9	7	90	12	21.0	68.0	35.9	9.0	35.4	21.7	29.7	3.0	204
9	7	90	13	22.4	72.3	38.0	4.2	19.1	12.7	46.5	4.2	205
9	7	90	14	32.5	103.6	53.9	3.6	20.9	15.4	45.5	7.1	206
9	7	90	15	27.4	94.9	53.0	3.6	24.5	19.0	38.6	5.8	207
9	7	90	16	25.3	90.6	52.0	2.4	20.0	16.3	43.6	3.6	208
9	7	90	17	28.9	104.7	60.5	4.2	24.5	18.1	41.6	1.9	209
9	7	90	18	21.7	95.0	61.8	1.8	17.3	14.5	42.6	2.2	210
9	7	90	19	15.9	79.9	55.6	.6	12.7	11.8	45.5	2.5	211
9	7	90	20	11.6	78.8	61.1	.0	4.5	4.5	43.6	2.3	212
9	7	90	21	15.9	92.8	68.5	.0	6.4	6.4	41.6	2.2	213
9	7	90	22	20.2	102.5	71.6	.0	8.2	8.2	40.6	3.3	214
9	7	90	23	13.0	85.3	65.4	.0	4.5	4.5	36.6	2.3	215
9	7	90	24	8.7	72.3	59.1	.0	4.5	4.5	37.6	1.9	216

	NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.SJ	CO.SJ				
10	7	90	1	4.4	60.5	53.8	.0	5.5	5.5	33.7	1.2	217
10	7	90	2	6.5	55.1	45.1	1.2	12.7	10.9	29.7	.6	218
10	7	90	3	1.5	31.3	29.1	1.2	13.6	11.8	24.7	.2	219
10	7	90	4	.7	17.3	16.1	.0	5.5	5.5	27.7	.1	220
10	7	90	5	1.5	15.1	12.9	.6	4.5	3.6	39.6	.2	221
10	7	90	6	11.5	55.1	37.4	.0	7.3	7.3	41.6	.7	222
10	7	90	7	18.7	70.2	41.6	1.2	11.8	10.0	35.6	2.4	223
10	7	90	8	31.0	99.3	52.0	4.8	24.6	17.2	30.7	2.3	224
10	7	90	9	18.7	78.8	50.2	5.4	30.9	22.7	23.8	2.4	225
10	7	90	10	9900.0	9900.0	9900.0	5.4	33.7	25.4	13.9	9900.0	226
10	7	90	11	62.6	167.4	71.7	3.0	21.8	17.3	29.7	9900.0	227
10	7	90	12	33.1	112.3	61.7	.6	8.2	7.3	42.6	4.6	228
10	7	90	13	36.7	112.3	56.2	9900.0	9900.0	9900.0	9900.0	5.9	229
10	7	90	14	49.7	133.9	58.0	.6	9.1	8.2	44.6	6.9	230
10	7	90	15	55.5	145.8	61.1	.6	6.4	5.4	48.5	2.4	231
10	7	90	16	31.0	97.2	49.9	.0	4.5	4.5	52.5	1.9	232
10	7	90	17	31.0	101.5	54.2	.0	6.3	6.3	51.5	1.5	233
10	7	90	18	22.3	86.4	52.3	.6	7.2	6.3	49.5	1.5	234
10	7	90	19	13.7	65.9	45.0	.0	4.5	4.5	46.5	1.9	235
10	7	90	20	7.2	41.1	30.0	.0	4.5	4.5	54.4	1.3	236
10	7	90	21	4.3	33.5	26.9	.0	2.7	2.7	59.4	1.1	237
10	7	90	22	2.2	29.2	25.9	.0	1.8	1.8	62.4	1.8	238
10	7	90	23	2.2	29.2	25.9	.0	2.7	2.7	60.4	.7	239
10	7	90	24	.8	16.2	15.1	.0	2.7	2.7	57.4	.6	240
11	7	90	1	.0	9.8	9.7	.0	.9	.9	58.4	1.8	241
11	7	90	2	.0	3.3	4.3	.0	2.7	2.7	55.4	.4	242
11	7	90	3	.0	9.8	9.7	.0	1.8	1.8	58.4	.2	243
11	7	90	4	.0	6.5	7.6	.0	2.7	2.7	60.4	.1	244
11	7	90	5	.8	9.8	8.6	.0	.9	.9	62.4	.2	245
11	7	90	6	.8	14.1	12.9	.0	.9	.9	59.4	.6	246
11	7	90	7	6.5	33.5	23.6	.0	3.6	3.6	53.5	1.0	247
11	7	90	8	6.5	29.2	19.2	.6	9.9	8.9	47.5	1.0	248
11	7	90	9	9.4	37.9	23.5	.0	6.3	6.3	46.5	1.2	249
11	7	90	10	4.4	27.1	20.4	.0	2.7	2.7	53.5	2.0	250
11	7	90	11	12.3	43.3	24.5	.6	4.5	3.6	52.5	3.1	251
11	7	90	12	11.6	45.4	27.7	1.8	11.6	8.9	45.5	2.2	252
11	7	90	13	10.1	32.5	17.0	2.4	12.5	8.9	44.6	2.6	253
11	7	90	14	62.1	158.9	64.0	1.2	5.3	3.5	53.5	4.4	254
11	7	90	15	72.9	179.4	68.0	4.1	19.6	13.3	38.6	2.2	255
11	7	90	16	57.0	143.7	56.6	.0	1.8	1.8	52.5	1.0	256
11	7	90	17	28.9	89.7	45.6	.0	3.6	3.6	50.5	1.0	257
11	7	90	18	20.3	72.5	41.5	.0	3.6	3.6	48.5	1.4	258
11	7	90	19	14.5	58.4	36.3	.0	2.7	2.7	48.5	1.3	259
11	7	90	20	11.6	53.0	35.3	.0	1.8	1.8	48.5	1.1	260
11	7	90	21	7.3	39.0	27.9	.0	1.8	1.8	45.5	1.2	261
11	7	90	22	6.6	41.2	31.1	.0	1.8	1.8	46.5	1.5	262
11	7	90	23	6.6	31.4	21.4	.0	.9	.9	47.5	1.5	263
11	7	90	24	4.4	26.0	19.3	.0	2.7	2.7	43.6	1.0	264
12	7	90	1	7.3	35.8	24.6	.0	.9	.9	45.5	1.4	265
12	7	90	2	12.3	45.5	26.6	.0	1.8	1.8	43.6	1.0	266
12	7	90	3	.8	6.6	5.4	.0	.9	.9	43.6	.1	267
12	7	90	4	7.3	36.9	25.7	.0	1.8	1.8	41.6	.1	268
12	7	90	5	1.5	13.1	10.8	.0	2.6	2.6	41.6	.1	269
12	7	90	6	13.8	49.8	28.7	.6	4.4	3.5	46.5	.5	270
12	7	90	7	4.4	18.5	11.7	1.2	6.1	4.4	49.5	1.6	271
12	7	90	8	13.1	42.3	22.3	.6	2.6	1.7	56.4	.9	272
12	7	90	9	17.4	57.4	30.8	.6	1.8	.9	61.4	1.0	273
12	7	90	10	23.9	75.8	39.2	.0	1.8	1.8	62.4	1.7	274
12	7	90	11	19.6	66.0	36.1	.0	1.8	1.8	63.4	1.6	275
12	7	90	12	25.4	79.0	40.3	.0	1.7	1.7	59.4	2.1	276
12	7	90	13	20.3	62.8	31.8	.0	1.7	1.7	59.4	2.0	277
12	7	90	14	22.5	63.9	29.5	.0	.9	.9	60.4	1.8	278
12	7	90	15	12.4	39.1	20.1	.0	1.7	1.7	60.4	1.5	279
12	7	90	16	8.1	27.2	14.9	.0	.9	.9	59.4	1.1	280
12	7	90	17	5.9	23.9	14.9	.0	1.7	1.7	57.4	.8	281
12	7	90	18	5.2	25.0	17.1	.0	1.7	1.7	55.4	.8	282
12	7	90	19	7.3	33.7	22.4	.0	1.7	1.7	56.4	.9	283
12	7	90	20	7.3	36.9	25.7	.0	1.7	1.7	54.4	.8	284
12	7	90	21	5.9	34.7	25.7	.0	1.7	2.6	55.4	1.1	285
12	7	90	22	5.2	33.7	25.8	.0	1.7	1.7	55.4	2.0	286
12	7	90	23	3.0	24.0	19.3	.0	1.7	2.6	56.4	1.7	287
12	7	90	24	4.5	26.1	19.3	.0	.9	.9	57.4	1.3	288

			NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.SJ	CO.SJ		
13	7	90	1	6.6	30.4	20.3	.0	.9	.9	55.4	1.3	289
13	7	90	2	2.3	17.5	14.0	.0	.9	.9	54.4	.3	290
13	7	90	3	2.3	17.5	14.0	.0	.0	.0	56.4	.2	291
13	7	90	4	1.6	13.2	10.7	.0	.0	.0	54.4	.2	292
13	7	90	5	26.1	76.9	37.0	.0	.9	.9	52.5	.2	293
13	7	90	6	60.1	147.1	55.3	.0	.9	.9	57.4	.5	294
13	7	90	7	28.3	86.6	43.4	.0	1.7	1.7	58.4	.7	295
13	7	90	8	37.7	107.1	49.5	.0	1.7	1.7	56.4	1.1	296
13	7	90	9	18.9	66.1	37.2	.0	1.7	1.7	58.4	1.1	297
13	7	90	10	24.0	84.5	47.8	.0	3.4	3.4	54.4	1.5	298
13	7	90	11	22.5	73.7	39.2	.0	2.6	2.6	54.4	1.8	299
13	7	90	12	18.2	53.2	25.3	.0	2.6	2.6	49.5	1.2	300
13	7	90	13	23.3	68.3	32.7	.0	2.6	2.6	46.5	2.3	301
13	7	90	14	55.1	135.2	51.1	.0	1.7	1.7	47.5	3.6	302
13	7	90	15	47.1	119.0	47.1	.0	1.7	1.7	45.5	3.9	303
13	7	90	16	25.4	76.9	38.0	.6	6.0	5.1	41.6	2.4	304
13	7	90	17	14.6	61.8	39.5	.0	1.7	1.7	45.5	1.2	305
13	7	90	18	8.1	40.2	27.8	.0	1.7	1.7	49.5	1.0	306
13	7	90	19	6.0	31.6	22.5	.0	1.7	1.7	48.5	.6	307
13	7	90	20	6.7	32.7	22.5	.0	.8	.8	47.5	.6	308
13	7	90	21	6.7	31.6	21.4	.0	1.7	1.7	45.5	1.0	309
13	7	90	22	22.6	73.7	39.2	.0	1.7	1.7	42.6	1.8	310
13	7	90	23	18.2	62.9	35.0	.0	1.7	1.7	36.6	2.2	311
13	7	90	24	10.3	35.9	20.2	.0	5.9	5.9	29.7	2.7	312
14	7	90	1	6.7	33.8	23.5	.0	3.4	3.4	33.7	2.4	313
14	7	90	2	11.8	40.2	22.3	.0	10.1	10.1	26.7	1.6	314
14	7	90	3	6.7	40.2	30.0	.0	4.2	4.2	28.7	2.9	315
14	7	90	4	2.4	18.6	15.0	.0	4.2	4.2	32.7	1.4	316
14	7	90	5	7.4	35.9	24.6	.0	2.5	2.5	35.6	.5	317
14	7	90	6	6.7	34.9	24.6	.0	5.1	5.1	29.7	.3	318
14	7	90	7	7.4	35.9	24.6	.0	4.2	4.2	34.7	.5	319
14	7	90	8	12.5	48.9	29.8	.6	5.9	5.0	31.7	.5	320
14	7	90	9	7.4	33.8	22.4	.0	2.5	2.5	49.5	1.1	321
14	7	90	10	15.4	53.2	29.7	.6	4.2	3.3	43.6	1.4	322
14	7	90	11	13.2	46.8	26.6	.0	1.7	1.7	54.4	2.2	323
14	7	90	12	11.8	42.4	24.4	.0	1.7	1.7	55.4	1.9	324
14	7	90	13	21.2	64.0	31.7	.0	.8	.8	61.4	1.0	325
14	7	90	14	14.0	48.9	27.6	.0	1.7	1.7	59.4	.6	326
14	7	90	15	15.4	54.3	30.8	.6	5.0	4.2	54.4	1.8	327
14	7	90	16	27.0	80.2	39.0	.0	3.3	3.3	56.4	1.9	328
14	7	90	17	14.0	54.3	33.0	.0	3.3	3.3	51.5	1.3	329
14	7	90	18	16.9	63.0	37.2	.6	8.3	7.5	41.6	1.4	330
14	7	90	19	11.1	53.3	36.3	1.1	15.8	14.1	34.7	3.3	331
14	7	90	20	14.0	58.7	37.3	.0	4.2	4.2	43.6	2.3	332
14	7	90	21	6.0	41.4	32.2	.0	8.3	8.3	30.7	1.5	333
14	7	90	22	12.5	68.4	49.2	.0	5.8	5.8	20.8	2.9	334
14	7	90	23	14.7	59.8	37.3	1.1	15.8	14.1	23.8	3.8	335
14	7	90	24	27.7	86.8	44.4	.0	5.8	5.8	26.7	2.4	336
15	7	90	1	27.7	86.8	44.4	.0	2.5	2.5	22.8	2.7	337
15	7	90	2	11.8	49.0	30.9	.0	6.6	6.6	24.7	3.0	338
15	7	90	3	28.5	86.8	43.3	.6	11.6	10.7	10.9	4.6	339
15	7	90	4	50.9	124.6	46.8	.0	5.0	5.0	29.7	2.4	340
15	7	90	5	17.6	61.9	35.0	.0	2.5	2.5	35.6	1.2	341
15	7	90	6	6.8	28.5	18.1	.0	2.5	2.5	39.6	.3	342
15	7	90	7	37.1	94.3	37.6	.6	4.1	3.3	40.6	.6	343
15	7	90	8	7.5	26.3	14.9	.6	4.9	4.1	45.5	.8	344
15	7	90	9	56.7	135.4	48.8	.0	1.6	1.6	57.4	.4	345
15	7	90	10	22.0	61.9	28.4	.0	1.6	1.6	59.4	.4	346
15	7	90	11	17.6	51.1	24.2	.0	.8	.8	61.4	.5	347
15	7	90	12	4.6	18.8	11.7	.0	.8	.8	61.4	.5	348
15	7	90	13	56.7	141.9	55.2	.0	.8	.8	60.4	.7	349
15	7	90	14	74.1	168.9	55.7	.0	.8	.8	59.4	.7	350
15	7	90	15	75.5	174.3	58.9	.0	.0	.0	59.4	.8	351
15	7	90	16	35.7	98.7	44.1	.0	.8	.8	59.4	1.0	352
15	7	90	17	15.5	51.2	27.5	.0	.8	.8	57.4	.8	353
15	7	90	18	3.9	20.9	15.0	.0	.8	.8	57.4	.7	354
15	7	90	19	11.9	46.9	28.7	.0	1.6	1.6	55.4	1.6	355
15	7	90	20	11.1	47.9	30.9	.0	3.3	3.3	52.5	1.0	356
15	7	90	21	6.1	33.9	24.6	.0	2.4	2.4	53.5	.9	357
15	7	90	22	11.1	53.3	36.3	.0	3.2	3.2	48.5	2.2	358
15	7	90	23	41.6	116.0	52.5	.0	2.4	2.4	44.6	4.1	359
15	7	90	24	63.3	147.3	50.6	.0	4.1	4.1	35.6	2.5	360

	NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.SJ	CO.SJ				
16	7	90	1	19.8	67.4	37.1	.0	1.6	1.6	41.6	1.1	361
16	7	90	2	12.6	49.0	29.8	.0	1.6	1.6	36.6	.6	362
16	7	90	3	9.0	36.1	22.4	.0	2.4	2.4	31.7	.4	363
16	7	90	4	10.4	37.2	21.2	1.6	12.1	9.6	24.7	.5	364
16	7	90	5	9.0	32.8	19.1	2.2	11.3	8.0	32.7	.2	365
16	7	90	6	11.2	39.3	22.3	4.9	21.8	14.3	26.7	.7	366
16	7	90	7	24.2	79.3	42.3	4.3	20.1	13.5	24.7	1.0	367
16	7	90	8	24.2	82.5	45.6	9.2	35.4	21.3	17.8	1.9	368
16	7	90	9	37.2	103.1	46.1	7.6	28.1	16.5	27.7	2.2	369
16	7	90	10	24.2	75.0	38.0	4.9	20.9	13.4	32.7	1.7	370
16	7	90	11	33.6	92.3	40.9	2.7	15.2	11.1	39.6	3.6	371
16	7	90	12	43.8	112.8	45.9	3.2	16.8	11.9	42.6	4.4	372
16	7	90	13	69.1	175.4	69.8	1.6	11.2	8.7	44.6	4.9	373
16	7	90	14	32.9	97.7	47.4	1.6	9.6	7.1	45.5	7.2	374
16	7	90	15	32.2	100.9	51.7	1.6	14.4	11.9	45.5	4.4	375
16	7	90	16	21.3	80.4	47.8	1.1	10.4	8.7	49.5	1.5	376
16	7	90	17	11.9	57.7	39.5	.5	6.4	5.6	55.4	1.4	377
16	7	90	18	12.6	62.0	42.7	.5	4.8	4.0	57.4	2.1	378
16	7	90	19	11.2	55.6	38.5	2.2	19.9	16.6	36.6	1.4	379
16	7	90	20	12.7	71.8	52.4	.5	10.3	9.5	44.6	2.0	380
16	7	90	21	11.9	65.3	47.1	1.1	19.1	17.4	31.7	2.0	381
16	7	90	22	11.2	65.3	48.2	.0	4.8	4.8	44.6	2.8	382
16	7	90	23	6.9	58.8	48.3	.0	4.8	4.8	37.6	2.4	383
16	7	90	24	15.6	96.6	72.9	.0	7.1	7.1	20.8	2.3	384
17	7	90	1	13.4	78.3	57.8	.0	4.0	4.0	26.7	1.8	385
17	7	90	2	21.4	80.4	47.8	.0	4.0	4.0	33.7	1.0	386
17	7	90	3	8.3	50.2	37.5	.0	3.2	3.2	24.7	.6	387
17	7	90	4	8.3	49.1	36.4	.0	2.4	2.4	39.6	.4	388
17	7	90	5	8.3	45.9	33.2	.0	.8	.8	45.5	.4	389
17	7	90	6	19.9	75.0	44.6	.0	.8	.8	41.6	1.1	390
17	7	90	7	35.9	104.2	49.4	.5	6.3	5.5	39.6	2.3	391
17	7	90	8	50.4	130.1	53.2	.5	5.5	4.7	42.6	2.5	392
17	7	90	9	58.4	155.0	65.8	.5	5.5	4.7	42.6	2.7	393
17	7	90	10	36.6	97.7	41.8	3.2	16.5	11.6	35.6	3.3	394
17	7	90	11	51.1	142.0	63.9	1.1	11.0	9.3	39.6	3.8	395
17	7	90	12	48.2	135.5	61.9	2.7	15.7	11.6	37.6	4.8	396
17	7	90	13	22.8	77.2	42.3	.5	4.7	3.9	49.5	2.7	397
17	7	90	14	41.0	112.9	50.3	1.6	7.8	5.4	49.5	3.0	398
17	7	90	15	31.6	88.0	39.8	.0	2.3	2.3	55.4	3.2	399
17	7	90	16	28.7	83.7	39.9	9900.0	9900.0	9900.0	9900.0	1.2	400
17	7	90	17	17.1	64.3	38.2	9900.0	9900.0	9900.0	9900.0	1.1	401
17	7	90	18	7.6	39.4	27.8	.5	5.5	4.7	52.5	2.2	402
17	7	90	19	14.2	61.0	39.4	1.1	10.9	9.3	48.5	1.5	403
17	7	90	20	12.7	66.5	47.0	.5	9.4	8.6	54.4	2.2	404
17	7	90	21	6.9	57.8	47.3	.0	9.4	9.4	43.6	3.2	405
17	7	90	22	20.7	93.5	61.8	.0	5.5	5.5	38.6	4.2	406
17	7	90	23	31.6	118.3	70.0	.0	6.2	6.2	49.5	3.9	407
17	7	90	24	25.8	103.2	63.8	.0	4.7	4.7	45.5	2.4	408
18	7	90	1	22.9	96.7	61.7	.0	3.1	3.1	35.6	1.9	409
18	7	90	2	12.7	58.9	39.5	.0	2.3	2.3	28.7	1.1	410
18	7	90	3	12.7	46.0	26.5	.0	3.9	3.9	28.7	.8	411
18	7	90	4	14.9	58.9	36.1	.0	5.5	5.5	37.6	.4	412
18	7	90	5	30.9	90.2	43.1	1.6	12.5	10.1	25.7	.4	413
18	7	90	6	46.8	118.3	46.7	1.1	9.4	7.8	38.6	.7	414
18	7	90	7	33.8	90.2	38.6	1.1	7.0	5.4	42.6	1.1	415
18	7	90	8	22.9	67.6	32.6	.5	5.5	4.7	50.5	1.2	416
18	7	90	9	25.1	76.2	37.9	.5	3.9	3.1	50.5	1.3	417
18	7	90	10	23.6	78.4	42.3	.5	4.7	3.9	49.5	1.7	418
18	7	90	11	25.1	82.7	44.4	.5	4.7	3.9	53.5	3.4	419
18	7	90	12	26.5	77.3	36.7	.0	3.1	3.1	57.4	2.6	420
18	7	90	13	37.4	103.2	46.0	.0	3.1	3.1	58.4	2.7	421
18	7	90	14	19.3	63.3	33.8	.0	3.1	3.1	58.4	1.9	422
18	7	90	15	14.9	50.3	27.5	.0	3.1	3.1	58.4	2.6	423
18	7	90	16	17.1	60.0	33.9	.5	5.5	4.7	57.4	1.4	424
18	7	90	17	11.3	44.9	27.6	.0	3.9	3.9	55.4	1.2	425
18	7	90	18	4.8	30.9	23.6	.0	3.9	3.9	51.5	1.0	426
18	7	90	19	5.5	30.9	22.5	.0	3.1	3.1	50.5	1.1	427
18	7	90	20	5.5	34.1	25.7	.0	3.1	3.1	45.5	1.3	428
18	7	90	21	7.0	37.4	26.7	.0	2.4	2.4	44.6	1.7	429
18	7	90	22	9.9	42.8	27.7	.0	2.4	2.4	44.6	2.0	430
18	7	90	23	7.0	39.5	28.9	.0	2.4	2.4	42.6	2.0	431
18	7	90	24	5.5	27.7	19.2	.0	1.6	1.6	43.6	1.6	432

			NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.SJ	CO.SJ		
19	7	90	1	4.8	28.7	21.4	.0	1.6	1.6	45.5	1.1	433
19	7	90	2	5.5	24.4	16.0	.0	.8	.8	45.5	.6	434
19	7	90	3	8.4	41.7	28.8	.0	2.4	2.4	45.5	.3	435
19	7	90	4	14.3	54.7	32.9	.0	2.4	2.4	46.5	.3	436
19	7	90	5	7.0	27.7	17.0	.0	2.4	2.4	47.5	.5	437
19	7	90	6	9.9	42.8	27.7	.0	3.9	3.9	44.6	.5	438
19	7	90	7	17.9	64.4	37.1	.5	7.8	7.0	39.6	1.3	439
19	7	90	8	25.2	77.4	38.9	.0	4.7	4.7	42.6	1.1	440
19	7	90	9	46.2	118.4	47.8	.5	3.9	3.1	41.6	1.0	441
19	7	90	10	23.7	67.7	31.4	.0	2.4	2.4	44.6	2.0	442
19	7	90	11	10.6	32.0	15.8	.0	2.4	2.4	42.6	2.0	443
19	7	90	12	10.6	32.0	15.8	1.6	8.6	6.2	45.5	2.2	444
19	7	90	13	29.5	76.3	31.2	1.6	8.6	6.2	49.5	2.2	445
19	7	90	14	23.0	69.8	34.7	1.1	6.3	4.7	49.5	3.4	446
19	7	90	15	9.9	32.0	16.9	1.1	4.7	3.1	50.5	2.1	447
19	7	90	16	24.5	72.0	34.6	.0	2.4	2.4	51.5	2.2	448
19	7	90	17	9.2	34.2	20.1	.0	2.4	2.4	51.5	1.0	449
19	7	90	18	4.8	22.3	14.9	.0	2.4	2.4	50.5	1.4	450
19	7	90	19	4.1	21.2	14.9	.0	1.6	1.6	48.5	1.0	451
19	7	90	20	10.7	45.0	28.7	.0	1.6	1.6	46.5	2.0	452
19	7	90	21	5.6	37.4	28.9	.0	1.6	1.6	47.5	2.2	453
19	7	90	22	5.6	36.4	27.8	.0	1.6	1.6	42.6	2.5	454
19	7	90	23	9.9	45.0	29.8	.0	3.1	3.1	37.6	2.2	455
19	7	90	24	9.2	45.0	30.9	.0	1.6	1.6	37.6	2.5	456
20	7	90	1	5.6	28.8	20.3	.0	.8	.8	37.6	1.9	457
20	7	90	2	3.4	21.3	16.1	.0	.8	.8	37.6	.8	458
20	7	90	3	1.2	11.5	9.7	.0	1.6	1.6	35.6	.4	459
20	7	90	4	5.6	23.4	14.9	.0	3.9	3.9	35.6	.4	460
20	7	90	5	11.4	36.4	19.0	.5	4.7	3.9	35.6	.3	461
20	7	90	6	14.3	41.8	19.9	.5	7.1	6.3	37.6	.5	462
20	7	90	7	14.3	48.3	26.4	1.6	11.0	8.6	35.6	1.1	463
20	7	90	8	17.2	52.6	26.3	2.1	11.0	7.8	37.6	2.0	464
20	7	90	9	11.4	35.3	17.9	2.7	11.0	7.0	36.6	1.5	465
20	7	90	10	9.2	29.9	15.8	3.2	15.0	10.1	34.7	3.0	466
20	7	90	11	18.7	55.9	27.3	2.7	14.2	10.1	39.6	4.0	467
20	7	90	12	44.9	114.2	45.6	2.7	14.2	10.1	41.6	2.6	468
20	7	90	13	29.6	81.8	36.5	1.6	9.5	7.0	43.6	3.8	469
20	7	90	14	19.4	59.1	29.4	4.8	20.5	13.2	41.6	5.5	470
20	7	90	15	23.8	66.7	30.3	3.2	16.6	11.7	43.6	4.5	471
20	7	90	16	30.4	86.1	39.7	1.6	10.3	7.8	47.5	2.0	472
20	7	90	17	8.5	35.4	22.3	1.1	8.7	7.0	45.5	1.0	473
20	7	90	18	4.2	23.5	17.1	.5	4.7	3.9	53.5	1.0	474
20	7	90	19	7.8	33.2	21.3	.0	3.9	3.9	54.4	1.2	475
20	7	90	20	13.6	54.8	34.0	.0	2.4	2.4	52.5	1.3	476
20	7	90	21	10.0	50.5	35.2	.0	8.7	8.7	38.6	2.6	477
20	7	90	22	62.4	147.7	52.4	.0	7.9	7.9	25.7	2.9	478
20	7	90	23	93.7	201.7	58.6	.0	3.2	3.2	33.7	6.5	479
20	7	90	24	114.0	230.9	56.6	.0	3.9	3.9	22.8	7.9	480
21	7	90	1	53.7	139.1	57.1	.0	4.7	4.7	22.8	5.0	481
21	7	90	2	41.3	118.5	55.4	.0	6.3	6.3	21.8	3.2	482
21	7	90	3	45.7	117.5	47.7	.0	4.7	4.7	17.8	3.4	483
21	7	90	4	31.1	75.3	27.8	.0	3.2	3.2	21.8	1.5	484
21	7	90	5	39.9	94.8	33.9	.5	6.3	5.5	25.7	.8	485
21	7	90	6	17.3	52.7	26.2	2.7	13.4	9.3	19.8	.7	486
21	7	90	7	22.4	66.7	32.5	2.7	11.9	7.8	23.8	.9	487
21	7	90	8	33.3	89.4	38.5	1.1	6.3	4.7	39.6	1.5	488
21	7	90	9	25.3	72.1	33.4	4.8	17.4	10.0	42.6	1.4	489
21	7	90	10	12.9	43.0	23.2	2.7	13.4	9.4	47.5	2.7	490
21	7	90	11	21.7	68.9	35.8	1.6	11.9	9.4	54.4	3.6	491
21	7	90	12	18.8	65.7	37.0	8.6	31.6	18.6	42.6	3.5	492
21	7	90	13	18.0	65.7	38.1	1.6	10.3	7.8	56.4	4.1	493
21	7	90	14	15.1	58.1	35.0	3.2	21.4	16.5	45.5	3.2	494
21	7	90	15	21.7	77.5	44.4	1.6	15.0	12.6	38.6	3.4	495
21	7	90	16	15.9	63.5	39.3	.5	7.1	6.3	52.5	2.8	496
21	7	90	17	33.4	106.7	55.8	.5	8.7	7.9	48.5	2.3	497
21	7	90	18	8.6	43.0	29.9	.0	5.5	5.5	49.5	.9	498
21	7	90	19	4.2	23.6	17.1	.0	2.4	2.4	52.5	.6	499
21	7	90	20	12.2	54.9	36.2	.0	4.0	4.0	52.5	2.2	500
21	7	90	21	8.6	58.1	45.0	.0	4.0	4.0	55.4	3.6	501
21	7	90	22	9.3	63.5	49.3	.0	3.2	3.2	42.6	2.4	502
21	7	90	23	13.7	74.3	53.4	.0	4.8	4.8	35.6	3.8	503
21	7	90	24	3.5	35.5	30.1	.0	2.4	2.4	49.5	2.2	504

	NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.SJ	CO.SJ		
22	7 90 1	5.0	46.3	38.7	.0	2.4	2.4	34.7	2.5	505
22	7 90 2	1.3	13.9	11.8	.0	.8	.8	49.5	1.4	506
22	7 90 3	1.3	11.7	9.7	.0	.8	.8	47.5	2.1	507
22	7 90 4	2.8	22.5	18.2	.0	.8	.8	46.5	1.3	508
22	7 90 5	7.9	35.5	23.4	.0	2.4	2.4	44.6	1.0	509
22	7 90 6	6.4	26.8	17.0	.0	.8	.8	47.5	.6	510
22	7 90 7	6.4	29.0	19.1	.0	1.6	1.6	47.5	.4	511
22	7 90 8	6.4	26.8	17.0	.0	.8	.8	46.5	.3	512
22	7 90 9	9.4	34.4	20.1	.0	1.6	1.6	49.5	.4	513
22	7 90 10	7.2	36.6	25.6	.0	.8	.8	51.5	.6	514
22	7 90 11	4.3	17.1	10.6	.0	1.6	1.6	50.5	.7	515
22	7 90 12	3.5	13.9	8.5	.0	1.6	1.6	49.5	.8	516
22	7 90 13	2.1	8.5	5.3	.0	2.4	2.4	48.5	1.1	517
22	7 90 14	6.5	24.7	14.8	.0	4.0	4.0	44.6	1.5	518
22	7 90 15	20.3	60.3	29.3	.5	5.6	4.7	40.6	1.4	519
22	7 90 16	8.7	31.2	18.0	.5	11.1	10.3	33.7	1.3	520
22	7 90 17	6.5	26.9	17.0	.5	11.9	11.1	31.7	.9	521
22	7 90 18	3.6	18.2	12.8	.0	4.8	4.8	34.7	.9	522
22	7 90 19	10.1	39.8	24.4	.0	7.9	7.9	34.7	2.6	523
22	7 90 20	6.5	29.0	19.1	.0	11.9	11.9	27.7	1.6	524
22	7 90 21	8.7	34.4	21.2	.0	9.5	9.5	29.7	1.4	525
22	7 90 22	2.8	16.1	11.7	.0	7.2	7.2	31.7	1.5	526
22	7 90 23	15.2	52.8	29.5	.0	6.4	6.4	30.7	1.3	527
22	7 90 24	5.0	26.9	19.2	.0	9.5	9.5	27.7	1.0	528
23	7 90 1	7.2	34.5	23.4	.0	.8	.8	39.6	.9	529
23	7 90 2	.0	3.1	3.2	.0	3.2	3.2	37.6	.5	530
23	7 90 3	1.4	11.8	9.7	.0	5.6	5.6	30.7	.2	531
23	7 90 4	8.7	38.8	25.5	.0	1.6	1.6	34.7	.3	532
23	7 90 5	1.4	10.7	8.6	.0	.0	.0	35.6	.3	533
23	7 90 6	20.4	66.9	35.8	.5	8.8	7.9	26.7	.6	534
23	7 90 7	24.7	70.1	32.3	1.1	10.4	8.7	28.7	1.2	535
23	7 90 8	5.0	21.5	13.8	.0	2.4	2.4	35.6	1.1	536
23	7 90 9	12.3	41.0	22.1	.0	1.6	1.6	38.6	1.6	537
23	7 90 10	8.0	29.1	16.9	.5	4.0	3.2	36.6	2.0	538
23	7 90 11	5.8	19.4	10.5	.0	1.6	1.6	39.6	2.4	539
23	7 90 12	13.1	37.7	17.7	1.1	11.2	9.5	28.7	4.6	540
23	7 90 13	8.7	30.2	16.9	.5	5.6	4.8	33.7	3.1	541
23	7 90 14	35.7	91.7	37.2	1.6	11.2	8.7	31.7	3.9	542
23	7 90 15	25.5	73.4	34.4	2.2	15.1	11.9	25.7	3.2	543
23	7 90 16	18.2	63.7	35.9	1.1	9.6	7.9	28.7	1.4	544
23	7 90 17	10.9	45.3	28.6	.5	7.2	6.4	31.7	1.1	545
23	7 90 18	3.6	19.4	13.9	.0	3.2	3.2	34.7	1.1	546
23	7 90 19	10.9	46.4	29.7	.0	1.6	1.6	35.6	1.3	547
23	7 90 20	16.8	57.2	31.6	.0	2.4	2.4	32.7	2.0	548
23	7 90 21	13.8	55.0	33.9	.0	2.4	2.4	33.7	1.5	549
23	7 90 22	18.9	65.8	36.9	.0	.8	.8	33.7	1.5	550
23	7 90 23	7.3	29.1	18.0	.0	.8	.8	34.7	1.6	551
23	7 90 24	15.3	56.1	32.7	.0	2.4	2.4	29.7	.8	552
24	7 90 1	7.3	34.5	23.4	.0	1.6	1.6	30.7	.7	553
24	7 90 2	5.8	27.0	18.1	.0	.8	.8	35.6	.3	554
24	7 90 3	20.4	59.4	28.2	.0	.0	.0	37.6	.3	555
24	7 90 4	77.3	158.7	40.6	.0	.0	.0	38.6	.2	556
24	7 90 5	40.9	87.5	25.0	.0	.0	.0	37.6	.3	557
24	7 90 6	13.1	45.3	25.3	.0	1.6	1.6	37.6	.5	558
24	7 90 7	33.6	90.7	39.4	.0	2.4	2.4	38.6	.9	559
24	7 90 8	29.9	82.1	36.4	.0	1.6	1.6	40.6	.8	560
24	7 90 9	21.9	59.4	25.9	.5	3.2	2.4	40.6	.9	561
24	7 90 10	9900.0	9900.0	9900.0	.0	1.6	1.6	43.6	1.2	562
24	7 90 11	24.1	71.3	34.5	.0	.8	.8	44.6	9900.0	563
24	7 90 12	13.9	42.1	20.9	.0	2.4	2.4	43.6	1.6	564
24	7 90 13	19.0	57.3	28.3	9900.0	9900.0	9900.0	9900.0	1.9	565
24	7 90 14	18.2	55.1	27.2	.6	1.7	.8	42.6	2.7	566
24	7 90 15	13.9	44.3	23.1	.6	.8	.0	44.6	2.2	567
24	7 90 16	6.6	23.8	13.8	.6	2.5	1.7	41.6	.7	568
24	7 90 17	8.7	32.4	19.1	.6	2.5	1.7	39.6	.6	569
24	7 90 18	2.9	17.3	12.9	.6	5.1	4.2	36.6	1.3	570
24	7 90 19	15.3	45.4	22.0	.6	3.4	2.5	34.7	1.3	571
24	7 90 20	10.2	38.9	23.3	.6	4.2	3.4	34.7	1.5	572
24	7 90 21	4.4	24.9	18.2	.6	5.9	5.1	29.7	.7	573
24	7 90 22	4.4	41.1	34.4	.6	5.1	4.2	30.7	2.3	574
24	7 90 23	3.6	31.4	25.8	.0	3.4	3.4	27.7	1.7	575
24	7 90 24	1.4	20.6	18.4	.6	5.1	4.2	24.7	1.3	576

	NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.SJ	CO.SJ		
25	7 90 1	1.4	29.2	27.0	.6	3.4	2.6	15.8	1.5	577
25	7 90 2	10.9	54.1	37.4	.0	3.4	3.4	13.9	.2	578
25	7 90 3	6.5	34.6	24.6	.0	3.4	3.4	24.7	.0	579
25	7 90 4	3.6	23.8	18.3	.0	.9	.9	28.7	.0	580
25	7 90 5	2.9	20.6	16.2	.6	3.4	2.6	27.7	.0	581
25	7 90 6	2.9	24.9	20.5	.6	7.6	6.8	33.7	.6	582
25	7 90 7	10.9	41.1	24.5	.6	4.3	3.4	40.6	.5	583
25	7 90 8	8.0	30.3	18.1	1.1	6.0	4.3	41.6	.8	584
25	7 90 9	5.1	18.4	10.7	.6	3.5	2.6	43.6	1.3	585
25	7 90 10	6.5	26.0	16.0	.6	1.8	.9	51.5	.6	586
25	7 90 11	10.9	36.8	20.2	.6	2.6	1.8	51.5	.3	587
25	7 90 12	10.2	36.8	21.3	.6	2.6	1.8	51.5	.4	588
25	7 90 13	8.7	34.7	21.4	.6	3.5	2.6	49.5	.6	589
25	7 90 14	13.8	49.8	28.7	.6	4.3	3.5	48.5	.7	590
25	7 90 15	13.8	47.7	26.6	.6	4.3	3.5	49.5	.5	591
25	7 90 16	7.2	32.5	21.5	.6	3.5	2.6	48.5	.5	592
25	7 90 17	14.5	57.4	35.2	.6	4.3	3.5	43.6	1.0	593
25	7 90 18	16.0	59.6	35.1	.6	7.7	6.8	36.6	.6	594
25	7 90 19	10.2	44.4	28.9	.6	4.3	3.5	38.6	.5	595
25	7 90 20	28.4	87.7	44.3	.0	5.2	5.2	39.6	1.2	596
25	7 90 21	12.3	54.2	35.3	.0	2.7	2.7	45.5	.6	597
25	7 90 22	13.1	56.4	36.4	.6	2.7	1.8	46.5	1.0	598
25	7 90 23	9.4	47.7	33.3	.0	2.7	2.7	46.5	1.1	599
25	7 90 24	3.6	22.8	17.4	.0	1.8	1.8	45.5	.5	600
26	7 90 1	1.4	15.3	13.1	.0	1.0	1.0	45.5	.2	601
26	7 90 2	.7	16.3	15.3	.0	1.0	1.0	44.6	.0	602
26	7 90 3	.0	12.0	12.1	.6	1.0	.2	43.6	.0	603
26	7 90 4	.0	13.1	13.2	.6	.2	.0	48.5	.0	604
26	7 90 5	.0	7.7	7.8	.6	1.0	.2	44.6	.0	605
26	7 90 6	2.1	21.8	18.6	.6	1.9	1.0	42.6	.5	606
26	7 90 7	10.9	41.3	24.7	.6	2.7	1.9	48.5	.2	607
26	7 90 8	10.9	38.0	21.4	.6	2.7	1.9	47.5	.3	608
26	7 90 9	8.7	29.4	16.1	.6	3.6	2.7	47.5	.4	609
26	7 90 10	18.2	45.6	17.9	1.1	6.1	4.4	48.5	1.1	610
26	7 90 11	16.0	45.6	21.2	1.1	5.3	3.5	51.5	1.1	611
26	7 90 12	10.9	32.6	16.0	1.7	6.9	4.4	45.5	1.1	612
26	7 90 13	11.6	34.8	17.1	1.7	6.1	3.5	41.6	1.6	613
26	7 90 14	18.2	52.1	24.4	1.1	5.3	3.6	42.6	1.6	614
26	7 90 15	13.0	40.2	20.3	.6	4.4	3.6	40.6	1.7	615
26	7 90 16	16.7	51.0	25.5	.6	4.4	3.6	38.6	1.4	616
26	7 90 17	42.2	110.6	46.1	.6	5.3	4.4	35.6	1.1	617
26	7 90 18	20.3	70.5	39.5	1.1	5.3	3.6	34.7	1.7	618
26	7 90 19	19.6	71.6	41.7	1.1	7.8	6.1	27.7	1.8	619
26	7 90 20	21.8	73.8	40.5	1.1	9.5	7.8	20.8	2.8	620
26	7 90 21	18.1	72.7	45.0	1.1	14.5	12.8	8.9	1.9	621
26	7 90 22	15.2	64.1	40.8	1.7	15.3	12.8	3.0	2.3	622
26	7 90 23	16.7	65.2	39.7	.6	7.8	7.0	13.9	2.2	623
26	7 90 24	6.5	44.6	34.7	.0	6.2	6.2	19.8	2.4	624
27	7 90 1	10.1	51.1	35.7	.0	4.5	4.5	23.8	1.6	625
27	7 90 2	9.4	45.7	31.4	.6	3.7	2.8	16.8	.3	626
27	7 90 3	13.7	52.2	31.2	.6	1.1	.3	21.8	.1	627
27	7 90 4	24.7	74.9	37.2	.0	1.2	1.2	33.7	.0	628
27	7 90 5	10.1	41.4	25.9	.6	5.3	4.5	27.7	.0	629
27	7 90 6	2.8	20.8	16.5	.6	2.0	1.1	36.6	.3	630
27	7 90 7	7.9	30.5	18.5	.6	2.8	2.0	38.6	.6	631
27	7 90 8	14.5	44.6	22.5	.6	3.7	2.8	35.6	.4	632
27	7 90 9	13.7	38.1	17.1	.6	2.0	1.2	36.6	.1	633
27	7 90 10	15.2	43.6	20.3	.6	3.7	2.8	36.6	.5	634
27	7 90 11	13.0	39.2	19.4	.6	2.0	1.2	41.6	.6	635
27	7 90 12	22.5	64.2	29.8	.6	4.5	3.7	39.6	.9	636
27	7 90 13	14.5	53.3	31.2	.6	5.4	4.5	39.6	3.2	637
27	7 90 14	22.5	66.3	32.0	.6	5.4	4.5	45.5	.9	638
27	7 90 15	13.0	44.7	24.8	.6	3.7	2.9	46.5	.8	639
27	7 90 16	12.3	44.7	25.9	.6	2.9	2.0	46.5	.6	640
27	7 90 17	23.2	82.6	47.1	1.1	9.6	7.9	37.6	2.0	641
27	7 90 18	20.3	78.3	47.3	1.7	18.8	16.2	25.7	1.5	642
27	7 90 19	18.1	78.3	50.6	.6	14.6	13.7	24.7	2.1	643
27	7 90 20	23.2	84.8	49.3	.6	12.1	11.2	23.8	2.3	644
27	7 90 21	6.4	49.0	39.2	.6	7.1	6.2	31.7	3.5	645
27	7 90 22	19.6	80.5	50.6	.6	5.4	4.6	31.7	2.7	646
27	7 90 23	31.2	97.8	50.1	.6	3.8	2.9	23.8	3.3	647
27	7 90 24	27.6	90.3	48.1	1.1	21.3	19.6	3.0	3.5	648

	NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.SJ	CO.SJ		
28	7 90 1	53.1	141.2	60.1	.6	8.8	7.9	4.9	3.7	649
28	7 90 2	21.7	77.3	44.0	3.4	16.3	11.2	3.0	2.2	650
28	7 90 3	23.2	74.0	38.6	5.0	30.5	22.8	4.0	1.3	651
28	7 90 4	12.2	44.7	26.0	.6	7.1	6.3	27.7	.9	652
28	7 90 5	14.4	51.2	29.2	.6	2.9	2.1	30.7	.1	653
28	7 90 6	10.0	36.1	20.7	.6	5.5	4.6	29.7	.1	654
28	7 90 7	9.3	36.1	21.8	1.1	7.1	5.4	29.7	.1	655
28	7 90 8	25.4	80.5	41.8	1.1	7.1	5.4	32.7	.9	656
28	7 90 9	15.9	49.1	24.8	1.1	6.3	4.6	35.6	.7	657
28	7 90 10	12.2	39.3	20.6	.6	.5	.0	51.5	1.4	658
28	7 90 11	13.7	45.8	24.9	.0	.5	.5	56.4	1.5	659
28	7 90 12	9.3	33.9	19.7	.0	1.3	1.3	56.4	1.2	660
28	7 90 13	7.1	26.3	15.5	.0	1.3	1.3	56.4	1.0	661
28	7 90 14	5.7	23.1	14.4	.0	1.3	1.3	56.4	1.0	662
28	7 90 15	7.1	28.5	17.6	.0	1.3	1.3	54.4	.6	663
28	7 90 16	4.2	20.9	14.5	.6	1.3	.5	51.5	.5	664
28	7 90 17	4.2	18.7	12.3	.6	2.2	1.3	49.5	.3	665
28	7 90 18	5.6	24.2	15.5	.6	3.0	2.2	47.5	.5	666
28	7 90 19	5.6	27.4	18.8	.6	3.0	2.2	45.5	1.7	667
28	7 90 20	4.9	32.9	25.4	.6	2.2	1.3	45.5	1.6	668
28	7 90 21	7.1	37.2	26.4	.6	3.0	2.2	41.6	1.2	669
28	7 90 22	15.1	63.3	40.2	.0	4.7	4.7	36.6	1.4	670
28	7 90 23	9.3	44.8	30.6	.0	1.4	1.4	38.6	2.2	671
28	7 90 24	29.7	86.1	40.7	.0	3.9	3.9	32.7	2.1	672
29	7 90 1	12.9	45.9	26.2	.6	3.9	3.0	29.7	4.3	673
29	7 90 2	15.8	54.6	30.4	.6	2.2	1.4	32.7	2.9	674
29	7 90 3	24.6	70.9	33.3	.6	1.4	.5	26.7	4.4	675
29	7 90 4	20.2	53.5	22.6	.6	3.1	2.2	32.7	1.1	676
29	7 90 5	15.1	45.9	22.8	1.1	7.2	5.5	27.7	.3	677
29	7 90 6	25.3	65.5	26.8	2.8	11.4	7.1	22.8	.2	678
29	7 90 7	23.1	64.4	29.1	3.4	12.2	7.1	26.7	.3	679
29	7 90 8	20.9	53.6	21.5	2.8	10.6	6.3	28.7	.2	680
29	7 90 9	34.8	91.6	38.4	3.9	13.9	7.9	26.7	.4	681
29	7 90 10	42.8	109.0	43.5	2.2	9.8	6.3	36.6	.9	682
29	7 90 11	28.2	77.5	34.3	1.1	5.6	3.9	45.5	.7	683
29	7 90 12	16.6	52.5	27.2	5.6	18.1	9.5	37.6	.4	684
29	7 90 13	15.1	47.1	24.0	9.5	31.4	16.9	33.7	.5	685
29	7 90 14	23.9	69.9	33.4	5.6	20.6	12.0	37.6	.6	686
29	7 90 15	14.4	48.2	26.2	2.8	13.1	8.8	41.6	.7	687
29	7 90 16	15.1	53.6	30.5	.0	1.5	1.5	49.5	.9	688
29	7 90 17	29.0	84.0	39.8	.6	1.5	.6	46.5	.6	689
29	7 90 18	29.7	91.6	46.3	.6	4.8	3.9	43.6	1.0	690
29	7 90 19	42.1	118.8	54.5	.6	2.3	1.4	46.5	2.8	691
29	7 90 20	57.4	162.3	74.6	.0	1.5	1.5	39.6	3.4	692
29	7 90 21	153.1	298.2	64.3	.0	2.3	2.3	38.6	4.3	693
29	7 90 22	125.3	246.0	54.5	.0	3.1	3.1	38.6	4.0	694
29	7 90 23	165.5	303.6	50.8	.0	7.3	7.3	24.7	5.1	695
29	7 90 24	175.7	313.4	45.0	.6	9.0	8.1	22.8	3.1	696
30	7 90 1	89.5	180.8	44.0	.6	8.2	7.3	23.8	1.9	697
30	7 90 2	45.0	103.7	34.9	.6	9.8	9.0	21.8	.9	698
30	7 90 3	27.5	71.0	29.1	.6	7.3	6.5	23.8	.4	699
30	7 90 4	31.9	81.9	33.2	.6	5.7	4.8	24.7	.3	700
30	7 90 5	53.8	123.2	41.1	1.1	9.0	7.3	23.8	.2	701
30	7 90 6	47.9	114.6	41.3	1.1	7.3	5.6	35.6	.8	702
30	7 90 7	55.9	129.8	44.3	3.4	15.7	10.5	28.7	2.2	703
30	7 90 8	64.0	151.5	53.8	6.2	24.8	15.4	29.7	2.3	704
30	7 90 9	74.2	167.9	54.5	7.8	29.8	17.8	29.7	3.2	705
30	7 90 10	63.2	150.5	53.9	5.6	24.8	16.3	36.6	3.6	706
30	7 90 11	88.8	213.6	77.9	4.5	20.7	13.8	41.6	2.8	707
30	7 90 12	48.6	129.8	55.5	4.5	20.7	13.8	46.5	2.9	708
30	7 90 13	68.3	170.1	65.7	2.8	16.5	12.2	48.5	2.7	709
30	7 90 14	38.4	108.1	49.4	2.2	14.9	11.4	55.4	3.8	710
30	7 90 15	23.8	82.0	45.6	1.1	10.7	9.0	64.4	2.5	711
30	7 90 16	11.4	49.4	32.0	1.1	9.1	7.3	56.4	1.6	712
30	7 90 17	7.7	38.5	26.7	1.1	8.2	6.5	51.5	1.9	713
30	7 90 18	5.6	37.4	28.9	1.1	10.7	9.0	47.5	1.5	714
30	7 90 19	9.2	55.9	41.9	2.8	19.0	14.8	32.7	2.0	715
30	7 90 20	8.5	53.7	40.8	.6	4.9	4.1	41.6	2.4	716
30	7 90 21	7.0	45.0	34.3	.0	3.3	3.3	43.6	2.3	717
30	7 90 22	28.9	98.4	54.2	.6	9.1	8.2	30.7	3.4	718
30	7 90 23	49.3	131.0	55.6	.0	6.6	6.6	30.7	2.9	719
30	7 90 24	26.7	86.4	45.6	.0	6.6	6.6	35.6	1.7	720

			NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.SJ	CO.SJ		
31	7	90	1	13.6	56.0	35.2	.6	3.3	2.4	38.6	1.5	721
31	7	90	2	8.5	44.0	31.1	.0	2.5	2.5	30.7	.7	722
31	7	90	3	4.8	32.0	24.7	.6	4.1	3.3	21.8	.4	723
31	7	90	4	4.1	22.2	16.0	.6	7.4	6.6	15.8	.2	724
31	7	90	5	55.2	119.1	34.8	.6	3.3	2.4	32.7	.4	725
31	7	90	6	12.8	40.7	21.1	.6	2.5	1.6	42.6	.9	726
31	7	90	7	101.9	206.2	50.5	1.1	8.3	6.6	36.6	1.2	727
31	7	90	8	101.9	206.2	50.5	1.7	8.3	5.7	35.6	.9	728
31	7	90	9	61.7	139.8	45.5	1.1	7.5	5.8	39.6	1.1	729
31	7	90	10	46.4	112.6	41.7	9900.0	9900.0	9900.0	9900.0	1.4	730
31	7	90	11	26.0	78.9	39.2	1.1	5.8	4.1	41.6	3.0	731
31	7	90	12	12.8	48.4	28.8	1.1	5.0	3.3	44.6	3.7	732
31	7	90	13	13.5	49.5	28.8	.6	5.0	4.1	47.5	2.4	733
31	7	90	14	15.7	51.7	27.6	4.5	18.3	11.4	41.6	2.0	734
31	7	90	15	7.0	26.6	16.0	8.4	33.2	20.4	31.7	1.3	735
31	7	90	16	4.8	21.2	13.9	3.9	20.7	14.8	34.7	.9	736
31	7	90	17	7.0	32.1	21.4	3.9	23.2	17.2	30.7	.7	737
31	7	90	18	4.0	22.3	16.1	2.8	16.6	12.3	33.7	1.0	738
31	7	90	19	4.8	25.6	18.3	1.1	13.3	11.6	30.7	1.0	739
31	7	90	20	4.0	23.4	17.2	1.1	10.8	9.1	30.7	1.7	740
31	7	90	21	3.3	24.5	19.4	.6	6.6	5.8	29.7	1.8	741
31	7	90	22	1.1	16.8	15.1	.6	9.1	8.3	21.8	1.5	742
31	7	90	23	9.1	45.2	31.2	1.1	13.3	11.5	21.8	1.4	743
31	7	90	24	4.0	23.4	17.2	.6	19.9	19.0	12.9	1.1	744
MANGLER(ANT)			3	3	3	5	5	5	5	4		
MANGLER(%)			.4	.4	.4	.7	.7	.7	.7	.5		

				NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ		
1	8	90	1	.4	14.7	14.1	.6	11.6	10.7	16.8	1.4	1	
1	8	90	2	.4	11.4	10.8	.6	10.8	9.9	15.8	.5	2	
1	8	90	3	.0	7.1	7.6	.6	7.4	6.6	20.8	.8	3	
1	8	90	4	1.1	19.1	17.4	.6	6.6	5.7	19.8	.2	4	
1	8	90	5	3.3	26.7	21.6	.6	4.9	4.1	23.8	.3	5	
1	8	90	6	3.3	25.6	20.6	.6	2.4	1.6	31.7	.5	6	
1	8	90	7	9.9	35.4	20.3	.6	4.1	3.3	28.7	1.4	7	
1	8	90	8	23.7	65.9	29.7	.6	3.3	2.4	35.6	1.1	8	
1	8	90	9	13.5	46.3	25.7	10.6	36.5	20.2	6.9	1.2	9	
1	8	90	10	13.5	44.1	23.5	5.0	23.2	15.5	14.9	3.5	10	
1	8	90	11	22.3	65.9	31.9	2.8	14.9	10.6	23.8	3.6	11	
1	8	90	12	9.9	33.3	18.2	2.8	13.2	9.0	29.7	2.4	12	
1	8	90	13	14.2	42.0	20.2	6.2	23.2	13.8	27.7	1.7	13	
1	8	90	14	18.6	54.0	25.5	4.5	17.4	10.5	33.7	2.2	14	
1	8	90	15	13.5	40.9	20.3	3.9	16.6	10.6	45.5	2.2	15	
1	8	90	16	9.1	33.3	19.3	1.1	7.4	5.7	46.5	1.4	16	
1	8	90	17	9.8	39.8	24.8	3.4	18.2	13.1	32.7	1.2	17	
1	8	90	18	5.5	25.6	17.3	1.7	16.5	14.0	27.7	1.2	18	
1	8	90	19	16.4	63.8	38.7	.6	5.7	4.9	43.6	1.2	19	
1	8	90	20	4.0	30.0	23.9	.6	9.1	8.2	35.6	1.8	20	
1	8	90	21	6.2	38.7	29.3	.6	9.9	9.0	37.6	2.0	21	
1	8	90	22	5.5	42.0	33.7	1.1	23.2	21.5	23.8	2.4	22	
1	8	90	23	4.7	39.8	32.6	.6	6.6	5.7	35.6	3.2	23	
1	8	90	24	14.9	61.7	38.8	.0	4.1	4.1	36.6	2.4	24	
2	8	90	1	29.5	102.0	56.9	.0	2.4	2.4	38.6	2.1	25	
2	8	90	2	13.5	75.9	55.3	.0	5.7	5.7	26.7	.8	26	
2	8	90	3	30.3	103.1	56.9	.6	8.2	7.4	26.7	.5	27	
2	8	90	4	9.8	51.9	36.9	.6	4.9	4.0	19.8	.3	28	
2	8	90	5	6.9	44.2	33.7	.6	2.4	1.5	40.6	.3	29	
2	8	90	6	18.6	60.6	32.2	1.1	7.4	5.7	45.5	.6	30	
2	8	90	7	9.1	37.7	23.8	1.1	7.4	5.7	50.5	1.2	31	
2	8	90	8	7.6	31.2	19.5	1.7	8.2	5.6	52.5	1.0	32	
2	8	90	9	9.1	36.6	22.7	.6	5.7	4.9	55.4	1.3	33	
2	8	90	10	9.1	38.8	24.9	1.1	8.2	6.5	56.4	2.7	34	
2	8	90	11	8.3	34.4	21.7	1.1	5.7	4.0	58.4	1.9	35	
2	8	90	12	9.8	39.9	24.9	.6	4.9	4.0	59.4	2.1	36	
2	8	90	13	7.6	27.9	16.3	.6	4.9	4.0	56.4	1.6	37	
2	8	90	14	6.9	25.7	15.2	.6	1.6	.7	55.4	1.8	38	
2	8	90	15	6.9	30.1	19.6	.6	3.2	2.4	56.4	2.1	39	
2	8	90	16	9.8	45.4	30.4	2.2	14.8	11.4	46.5	1.7	40	
2	8	90	17	9.1	46.5	32.6	1.7	15.7	13.1	35.6	1.9	41	
2	8	90	18	4.7	38.8	31.7	2.8	21.5	17.2	23.8	2.5	42	
2	8	90	19	13.4	68.3	47.8	.6	7.4	6.5	41.6	2.2	43	
2	8	90	20	12.7	45.4	26.0	.0	2.4	2.4	48.5	1.4	44	
2	8	90	21	17.8	68.3	41.1	.0	4.0	4.0	44.6	1.3	45	
2	8	90	22	29.5	94.5	49.5	.0	5.7	5.7	38.6	2.2	46	
2	8	90	23	14.9	57.4	34.7	.0	4.0	4.0	37.6	2.2	47	
2	8	90	24	8.3	42.1	29.4	.0	2.4	2.4	25.7	1.5	48	
3	8	90	1	6.1	33.4	24.0	.0	3.2	3.2	31.7	1.5	49	
3	8	90	2	3.9	37.8	31.8	.6	4.0	3.2	24.7	.7	50	
3	8	90	3	3.9	32.3	26.3	.0	3.2	3.2	33.7	.3	51	
3	8	90	4	.3	9.4	9.0	.0	2.4	2.4	39.6	.2	52	
3	8	90	5	1.7	10.5	7.8	.0	1.5	1.5	48.5	.2	53	
3	8	90	6	6.9	33.4	23.0	.6	2.3	1.5	51.5	.4	54	
3	8	90	7	14.2	56.4	34.8	.6	7.3	6.5	54.4	1.0	55	
3	8	90	8	33.1	92.4	41.8	.6	5.7	4.8	52.5	1.4	56	
3	8	90	9	32.4	93.5	44.0	.6	4.8	4.0	58.4	1.4	57	
3	8	90	10	10.5	52.0	36.0	.6	2.3	1.5	74.2	.9	58	
3	8	90	11	13.4	67.3	46.8	.6	4.0	3.1	84.1	1.7	59	
3	8	90	12	12.7	65.1	45.8	.0	4.0	4.0	86.1	2.7	60	
3	8	90	13	13.4	64.1	43.6	.0	4.0	4.0	85.1	3.0	61	
3	8	90	14	19.2	83.7	54.3	.6	3.2	2.3	83.2	2.5	62	
3	8	90	15	11.2	58.6	41.5	.6	3.2	2.3	76.2	2.0	63	
3	8	90	16	7.6	53.2	41.6	.0	4.0	4.0	73.3	1.3	64	
3	8	90	17	8.3	52.1	39.4	.0	3.2	3.2	79.2	1.0	65	
3	8	90	18	6.1	44.4	35.1	.6	4.0	3.1	81.2	.9	66	
3	8	90	19	4.6	40.1	33.0	.0	3.2	3.2	83.2	.8	67	
3	8	90	20	2.4	18.2	14.5	.0	2.3	2.3	59.4	.6	68	
3	8	90	21	1.7	17.1	14.5	.0	1.5	1.5	57.4	.8	69	
3	8	90	22	15.6	65.2	41.4	.0	2.3	2.3	51.5	2.7	70	
3	8	90	23	9.0	53.2	39.4	.0	2.3	2.3	44.6	2.3	71	
3	8	90	24	8.3	47.7	35.1	.0	1.5	1.5	40.6	2.2	72	

				NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ	
4	8	90	1	3.9	27.0	21.0	.0	4.0	4.0	45.5	1.4	73
4	8	90	2	1.0	14.9	13.5	.0	3.1	3.1	43.6	.8	74
4	8	90	3	2.4	16.0	12.3	.0	1.5	1.5	43.6	1.0	75
4	8	90	4	1.0	13.9	12.4	.0	1.5	1.5	45.5	.7	76
4	8	90	5	.2	6.2	5.8	.0	.6	.6	50.5	.3	77
4	8	90	6	1.7	10.6	8.0	.6	1.5	.6	49.5	.2	78
4	8	90	7	2.4	12.8	9.1	.6	1.5	.6	49.5	.2	79
4	8	90	8	3.9	17.1	11.2	.6	1.5	.6	50.5	.4	80
4	8	90	9	5.3	20.4	12.3	.6	2.3	1.4	49.5	.5	81
4	8	90	10	10.4	35.7	19.8	.6	2.3	1.4	48.5	1.2	82
4	8	90	11	12.6	41.2	21.9	.6	3.1	2.3	48.5	2.0	83
4	8	90	12	9.7	35.8	20.9	.6	2.3	1.4	49.5	1.6	84
4	8	90	13	11.2	39.0	22.0	.6	2.3	1.4	49.5	1.8	85
4	8	90	14	9.0	32.5	18.8	.6	2.3	1.4	52.5	.9	86
4	8	90	15	3.1	18.3	13.5	.6	2.3	1.4	51.5	.9	87
4	8	90	16	4.6	24.8	17.8	.6	2.3	1.4	57.4	1.0	88
4	8	90	17	3.1	20.5	15.7	.6	2.3	1.4	51.5	.6	89
4	8	90	18	9.7	40.2	25.3	.0	3.9	3.9	43.6	1.8	90
4	8	90	19	8.2	41.3	28.7	.0	2.3	2.3	49.5	1.2	91
4	8	90	20	4.6	25.9	18.9	.0	2.3	2.3	50.5	.6	92
4	8	90	21	3.1	20.5	15.7	.0	2.3	2.3	47.5	.9	93
4	8	90	22	6.0	39.1	29.8	.6	3.1	2.2	40.6	1.8	94
4	8	90	23	6.0	36.9	27.7	.6	1.4	.6	44.6	2.3	95
4	8	90	24	8.2	51.1	38.6	.0	1.4	1.4	46.5	2.9	96
5	8	90	1	3.9	29.2	23.4	.0	1.4	1.4	45.5	1.8	97
5	8	90	2	2.4	20.5	16.8	.6	1.4	.6	46.5	1.5	98
5	8	90	3	3.1	24.9	20.1	.0	1.4	1.4	44.6	1.6	99
5	8	90	4	2.4	19.4	15.8	.6	1.4	.6	43.6	.7	100
5	8	90	5	.2	7.4	7.1	.0	1.4	1.4	39.6	.3	101
5	8	90	6	.0	6.3	7.1	.0	1.4	1.4	42.6	.2	102
5	8	90	7	.2	6.3	6.0	.6	2.2	1.4	41.6	.2	103
5	8	90	8	.9	9.6	8.2	.6	1.4	.6	46.5	.3	104
5	8	90	9	3.8	19.4	13.6	.0	.6	.6	50.5	.5	105
5	8	90	10	5.3	21.6	13.5	.6	1.4	.6	52.5	.7	106
5	8	90	11	.2	4.1	3.8	.6	1.4	.5	48.5	.6	107
5	8	90	12	.9	9.6	8.2	.0	.6	.6	47.5	.9	108
5	8	90	13	.0	3.0	3.9	.6	1.4	.5	49.5	.8	109
5	8	90	14	3.1	15.1	10.3	.6	3.1	2.2	49.5	1.1	110
5	8	90	15	2.4	14.0	10.4	.0	1.4	1.4	50.5	1.1	111
5	8	90	16	3.1	19.5	14.7	.6	.6	.0	55.4	1.3	112
5	8	90	17	.9	12.9	11.5	.0	2.2	2.2	45.5	1.2	113
5	8	90	18	2.4	16.2	12.6	.6	2.2	1.4	43.6	.9	114
5	8	90	19	2.4	18.4	14.8	.0	3.9	3.9	40.6	1.6	115
5	8	90	20	2.4	18.4	14.8	.0	3.9	3.9	42.6	1.6	116
5	8	90	21	2.4	17.3	13.7	.6	4.7	3.9	33.7	2.5	117
5	8	90	22	3.1	26.1	21.3	.0	6.4	6.4	27.7	4.9	118
5	8	90	23	11.8	53.4	35.4	.6	4.7	3.9	22.8	3.5	119
5	8	90	24	8.9	51.3	37.6	.0	8.0	8.0	27.7	1.8	120
6	8	90	1	1.6	25.0	22.5	.0	2.2	2.2	34.7	1.2	121
6	8	90	2	.0	5.2	6.1	.0	.5	.5	38.6	.3	122
6	8	90	3	.0	2.0	2.8	.0	.5	.5	37.6	.2	123
6	8	90	4	.0	.9	1.8	.0	.5	.5	37.6	.1	124
6	8	90	5	.9	6.4	5.0	.0	.5	.5	39.6	.1	125
6	8	90	6	4.5	19.5	12.6	.0	1.4	1.4	40.6	.2	126
6	8	90	7	12.6	41.4	22.3	.6	1.4	.5	42.6	.5	127
6	8	90	8	12.6	42.5	23.4	.6	3.0	2.2	41.6	.8	128
6	8	90	9	16.9	49.1	23.2	.6	1.4	.5	45.5	1.0	129
6	8	90	10	3.1	15.1	10.5	.6	3.0	2.2	43.6	2.4	130
6	8	90	11	16.2	48.0	23.3	1.1	5.5	3.8	42.6	1.7	131
6	8	90	12	13.3	42.6	22.3	2.8	9.7	5.4	43.6	.9	132
6	8	90	13	12.5	40.4	21.2	1.1	5.5	3.8	44.6	1.0	133
6	8	90	14	13.3	43.7	23.4	3.4	12.2	7.1	40.6	1.3	134
6	8	90	15	27.1	73.3	31.8	.6	3.8	3.0	46.5	2.5	135
6	8	90	16	11.8	40.4	22.3	.6	3.0	2.2	54.4	1.3	136
6	8	90	17	11.1	42.6	25.7	.6	4.7	3.8	40.6	.8	137
6	8	90	18	13.3	51.4	31.1	.6	5.5	4.7	35.6	1.0	138
6	8	90	19	10.3	45.9	30.1	.6	3.8	3.0	36.6	1.1	139
6	8	90	20	17.6	62.3	35.4	.6	7.2	6.3	27.7	1.9	140
6	8	90	21	10.3	45.9	30.1	.6	3.8	3.0	32.7	1.4	141
6	8	90	22	14.7	51.4	28.9	.0	3.8	3.8	32.7	1.4	142
6	8	90	23	7.4	34.9	23.6	.6	3.0	2.1	35.6	1.3	143
6	8	90	24	3.8	25.1	19.3	.0	3.0	3.0	33.7	.8	144

				NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ	
7	8	90	1	1.6	14.1	11.7	.0	1.3	1.3	39.6	.5	145
7	8	90	2	.8	9.7	8.4	.6	1.3	.5	38.6	.3	146
7	8	90	3	.0	6.4	7.4	.0	1.3	1.3	40.6	.3	147
7	8	90	4	3.8	17.4	11.7	.0	.5	.5	43.6	.2	148
7	8	90	5	.8	9.7	8.4	.0	1.3	1.3	41.6	.2	149
7	8	90	6	12.5	49.2	30.1	.6	3.8	3.0	37.6	.6	150
7	8	90	7	27.8	80.0	37.4	.6	3.8	3.0	41.6	1.1	151
7	8	90	8	22.0	71.2	37.6	.6	4.6	3.8	41.6	1.2	152
7	8	90	9	22.7	72.3	37.6	.6	3.0	2.1	46.5	1.5	153
7	8	90	10	19.8	62.4	32.2	.6	3.0	2.1	49.5	1.7	154
7	8	90	11	19.8	59.1	28.9	.6	3.0	2.1	52.5	1.8	155
7	8	90	12	27.1	77.8	36.4	1.1	4.6	2.9	51.5	2.1	156
7	8	90	13	36.6	101.9	46.0	.6	3.8	2.9	54.4	2.9	157
7	8	90	14	36.6	99.8	43.9	.6	4.6	3.8	53.5	2.6	158
7	8	90	15	36.6	103.1	47.2	.6	3.8	2.9	54.4	2.2	159
7	8	90	16	25.6	86.6	47.4	.0	3.8	3.8	64.4	1.5	160
7	8	90	17	19.8	72.3	42.1	.6	4.6	3.8	53.5	1.1	161
7	8	90	18	12.5	53.7	34.6	.0	3.8	3.8	52.5	.9	162
7	8	90	19	13.9	58.1	36.8	.6	3.0	2.1	52.5	.9	163
7	8	90	20	22.0	78.9	45.4	.0	3.8	3.8	50.5	1.8	164
7	8	90	21	10.3	49.3	33.6	.0	3.0	3.0	52.5	1.5	165
7	8	90	22	9.6	46.0	31.4	.0	2.1	2.1	54.4	1.4	166
7	8	90	23	8.1	42.7	30.4	.0	1.3	1.3	53.5	1.1	167
7	8	90	24	3.0	25.2	20.6	.0	1.3	1.3	53.5	1.0	168
8	8	90	1	5.9	33.9	24.9	.0	1.3	1.3	53.5	.8	169
8	8	90	2	.1	8.7	8.6	.0	1.3	1.3	54.4	.3	170
8	8	90	3	.0	8.7	9.7	.0	.4	.4	58.4	.2	171
8	8	90	4	.0	8.7	9.7	.0	1.3	1.3	55.4	.2	172
8	8	90	5	.1	6.5	6.4	.6	1.3	.4	49.5	.2	173
8	8	90	6	7.4	30.7	19.4	.6	2.9	2.1	44.6	.4	174
8	8	90	7	13.9	47.2	25.9	.6	4.6	3.7	42.6	.7	175
8	8	90	8	14.7	51.6	29.2	.6	3.8	2.9	45.5	1.0	176
8	8	90	9	22.7	70.2	35.6	.6	3.8	2.9	43.6	1.5	177
8	8	90	10	16.8	57.1	31.3	.6	3.8	2.9	45.5	3.0	178
8	8	90	11	11.7	46.1	28.2	3.4	12.1	7.0	41.6	4.6	179
8	8	90	12	24.9	81.2	43.3	11.2	38.0	20.9	26.7	3.8	180
8	8	90	13	26.3	85.6	45.4	6.2	28.8	19.4	29.7	4.4	181
8	8	90	14	29.2	86.8	42.1	7.8	33.0	21.0	24.7	4.1	182
8	8	90	15	34.3	103.2	50.8	2.2	12.1	8.7	40.6	3.5	183
8	8	90	16	12.4	59.3	40.3	1.7	8.8	6.2	57.4	1.4	184
8	8	90	17	10.3	46.1	30.4	5.0	15.4	7.7	39.6	1.5	185
8	8	90	18	1.5	21.9	19.7	6.7	21.3	11.0	35.6	1.5	186
8	8	90	19	.8	19.7	18.6	17.4	50.5	24.0	28.7	2.5	187
8	8	90	20	16.1	70.3	45.7	6.2	20.4	11.0	36.6	3.8	188
8	8	90	21	11.7	62.6	44.7	1.7	6.2	3.7	42.6	2.3	189
8	8	90	22	10.2	40.6	25.0	5.0	16.3	8.6	40.6	2.3	190
8	8	90	23	6.6	37.3	27.3	7.8	23.8	11.8	37.6	2.8	191
8	8	90	24	.0	14.3	14.2	1.7	5.4	2.8	47.5	1.3	192
9	8	90	1	2.2	29.7	26.3	2.2	8.7	5.3	42.6	1.1	193
9	8	90	2	.7	11.0	9.8	6.7	22.1	11.8	36.6	.7	194
9	8	90	3	.0	14.3	14.2	10.6	32.1	15.9	32.7	.3	195
9	8	90	4	.7	15.4	14.2	3.4	10.4	5.3	40.6	.3	196
9	8	90	5	.7	19.8	18.6	14.6	38.8	16.6	31.7	.3	197
9	8	90	6	14.6	60.5	38.1	20.2	54.7	23.9	25.7	.8	198
9	8	90	7	4.4	25.3	18.6	12.9	36.3	16.6	30.7	1.4	199
9	8	90	8	2.9	25.3	20.8	14.6	40.5	18.2	30.7	2.4	200
9	8	90	9	4.4	26.4	19.7	15.7	39.6	15.7	32.7	2.7	201
9	8	90	10	10.2	44.0	28.4	6.7	25.4	15.2	30.7-9900	0.0	202
9	8	90	11	9900.0	9900.0	9900.0	12.9	38.8	19.1	24.7	3.5	203
9	8	90	12	7.3	36.3	25.1	1.7	9.6	7.0	36.6	4.3	204
9	8	90	13	17.5	58.3	31.5	1.1	5.4	3.7	38.6	3.0	205
9	8	90	14	8.8	34.1	20.7	4.5	17.9	11.1	27.7	3.3	206
9	8	90	15	5.9	22.0	13.0	1.7	8.7	6.1	34.7	2.9	207
9	8	90	16	3.7	17.6	12.0	.6	6.2	5.3	52.5	2.9	208
9	8	90	17	13.2	55.0	34.9	1.1	5.4	3.7	43.6	2.6	209
9	8	90	18	27.1	91.3	50.0	.6	7.9	7.0	35.6	1.9	210
9	8	90	19	13.9	63.8	42.5	.6	11.2	10.4	28.7	2.6	211
9	8	90	20	34.4	103.4	50.9	.6	9.5	8.7	25.7	1.8	212
9	8	90	21	19.0	69.3	40.2	.6	6.2	5.3	32.7	2.9	213
9	8	90	22	32.9	101.2	50.9	.0	7.0	7.0	30.7	3.2	214
9	8	90	23	22.7	79.2	44.5	.0	6.2	6.2	33.7	3.0	215
9	8	90	24	5.9	30.8	21.8	.6	2.0	1.2	37.6	1.0	216

				NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ	
10	8	90	1	6.7	37.4	27.2	.0	2.8	2.8	37.6	1.3	217
10	8	90	2	2.3	20.9	17.4	.0	1.2	1.2	39.6	.5	218
10	8	90	3	.0	9.9	10.9	.0	1.2	1.2	39.6	.4	219
10	8	90	4	.0	8.8	9.8	.0	1.2	1.2	47.5	.3	220
10	8	90	5	.8	12.1	10.8	.6	1.2	.3	49.5	.3	221
10	8	90	6	8.9	40.7	27.1	.6	2.0	1.1	47.5	.6	222
10	8	90	7	9.6	37.4	22.7	.6	2.8	2.0	47.5	1.1	223
10	8	90	8	13.3	50.6	30.3	.6	3.7	2.8	47.5	1.0	224
10	8	90	9	20.6	66.0	34.6	.6	2.0	1.1	48.5	1.2	225
10	8	90	10	19.8	62.7	32.4	.6	2.0	1.1	48.5	1.9	226
10	8	90	11	16.2	49.5	24.7	.6	2.8	2.0	47.5	2.1	227
10	8	90	12	23.5	69.3	33.4	.6	2.8	2.0	48.5	2.8	228
10	8	90	13	27.2	72.6	31.1	.6	3.7	2.8	46.5	3.0	229
10	8	90	14	27.9	77.0	34.4	.6	3.7	2.8	47.5	3.2	230
10	8	90	15	30.1	83.6	37.6	.6	2.8	2.0	45.5	1.8	231
10	8	90	16	16.2	53.9	29.1	.6	2.8	2.0	60.4	1.1	232
10	8	90	17	11.1	45.1	28.1	.6	3.6	2.8	43.6	.9	233
10	8	90	18	12.6	51.7	32.4	.6	4.5	3.6	47.5	1.4	234
10	8	90	19	3.1	25.3	20.5	1.1	3.6	1.9	50.5	1.5	235
10	8	90	20	3.9	24.2	18.3	1.1	2.8	1.1	53.5	.8	236
10	8	90	21	5.3	35.2	27.1	.6	2.8	1.9	52.5	.9	237
10	8	90	22	8.2	41.8	29.2	.0	2.0	2.0	52.5	1.4	238
10	8	90	23	33.1	94.6	44.1	1.7	7.8	5.2	33.7	3.9	239
10	8	90	24	46.2	121.0	50.4	.0	2.8	2.8	20.8	4.3	240
11	8	90	1	52.8	132.0	51.3	2.8	11.2	6.9	18.8	3.2	241
11	8	90	2	41.8	108.9	45.0	.0	2.8	2.8	24.7	3.9	242
11	8	90	3	45.5	112.2	42.7	2.2	10.3	6.9	20.8	2.8	243
11	8	90	4	40.4	96.8	35.1	.6	5.3	4.4	22.8	1.5	244
11	8	90	5	10.5	38.5	22.5	1.1	5.3	3.6	24.7	.6	245
11	8	90	6	11.9	39.6	21.4	3.9	12.0	6.0	33.7	.4	246
11	8	90	7	20.7	57.2	25.6	1.1	3.6	1.9	42.6	.4	247
11	8	90	8	25.8	70.4	30.9	2.2	7.0	3.5	37.6	.8	248
11	8	90	9	20.7	62.7	31.0	6.7	17.8	7.6	43.6	1.1	249
11	8	90	10	25.8	71.5	32.0	.6	1.9	1.1	50.5	1.7	250
11	8	90	11	9.1	33.0	19.2	9.0	22.9	9.2	44.6	2.5	251
11	8	90	12	4.7	24.2	17.1	3.9	10.3	4.3	47.5	2.6	252
11	8	90	13	6.9	26.4	15.9	3.4	12.0	6.8	50.5	1.4	253
11	8	90	14	22.9	71.5	36.4	1.1	5.3	3.6	55.4	1.2	254
11	8	90	15	14.9	50.6	27.8	2.2	6.9	3.5	49.5	.9	255
11	8	90	16	4.7	22.0	14.8	1.7	5.3	2.7	65.3	.9	256
11	8	90	17	1.8	16.5	13.8	3.9	9.5	3.5	45.5	1.2	257
11	8	90	18	4.0	22.0	15.9	5.0	12.8	5.1	41.6	1.0	258
11	8	90	19	4.7	26.4	19.2	10.6	27.0	10.8	37.6	1.4	259
11	8	90	20	14.2	49.5	27.8	9.0	26.2	12.5	32.7	2.0	260
11	8	90	21	47.8	114.4	41.4	2.8	12.8	8.5	29.7	2.8	261
11	8	90	22	36.1	94.6	39.4	.6	1.9	1.1	35.6	2.1	262
11	8	90	23	46.4	112.2	41.4	.6	2.7	1.9	29.7	4.4	263
11	8	90	24	17.2	61.6	35.4	.6	3.6	2.7	31.7	2.3	264
12	8	90	1	3.3	26.4	21.4	.0	2.7	2.7	32.7	3.3	265
12	8	90	2	16.4	51.7	26.6	2.2	13.6	10.2	22.8	2.0	266
12	8	90	3	22.3	64.9	30.8	1.7	10.3	7.7	19.8	4.0	267
12	8	90	4	42.0	96.8	32.6	1.7	8.6	6.0	19.8	1.8	268
12	8	90	5	8.4	28.6	15.7	3.9	12.8	6.8	15.8	.7	269
12	8	90	6	6.2	22.0	12.5	11.8	32.0	14.1	24.7	.5	270
12	8	90	7	12.8	39.6	20.0	13.4	34.6	14.0	32.7	.6	271
12	8	90	8	32.5	81.4	31.7	12.9	32.9	13.2	32.7	.9	272
12	8	90	9	65.4	148.5	48.6	15.1	38.7	15.6	34.7	.7	273
12	8	90	10	55.2	121.0	36.7	11.8	31.2	13.2	36.6	1.2	274
12	8	90	11	31.8	78.1	29.5	10.6	32.0	15.8	34.7	1.1	275
12	8	90	12	14.3	45.1	23.2	7.3	24.5	13.4	36.6	.9	276
12	8	90	13	22.4	69.3	35.1	19.6	54.6	24.7	22.8	.9	277
12	8	90	14	13.6	49.5	28.7	11.8	36.2	18.2	31.7	1.2	278
12	8	90	15	17.3	61.6	35.2	24.6	67.2	29.6	18.8	1.2	279
12	8	90	16	22.4	77.0	42.8	16.8	45.4	19.8	54.4	1.4	280
12	8	90	17	19.5	69.3	39.6	3.4	16.9	11.8	40.6	1.2	281
12	8	90	18	12.9	57.2	37.5	1.1	3.5	1.8	49.5	1.3	282
12	8	90	19	29.0	96.8	52.6	.6	2.7	1.8	46.5	1.7	283
12	8	90	20	37.0	116.6	60.1	.6	7.7	6.9	35.6	2.7	284
12	8	90	21	104.2	221.1	61.9	1.1	11.1	9.4	25.7	2.5	285
12	8	90	22	177.9	321.2	49.4	.0	6.0	6.0	26.7	4.0	286
12	8	90	23	220.2	378.4	41.9	.6	5.2	4.4	26.7	6.8	287
12	8	90	24	139.2	250.8	38.1	.6	6.9	6.0	22.8	4.3	288

			NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ		
13	8	90	1	34.8	84.7	31.5	.0	2.7	2.7	28.7	2.6	289
13	8	90	2	55.3	119.9	35.4	.6	2.7	1.8	29.7	1.3	290
13	8	90	3	42.9	99.0	33.5	2.8	9.4	5.1	24.7	.6	291
13	8	90	4	24.6	71.5	33.9	17.4	49.6	23.1	11.9	.5	292
13	8	90	5	31.9	75.9	27.1	6.7	21.1	10.9	23.8	.5	293
13	8	90	6	42.9	97.9	32.4	3.4	12.7	7.6	28.7	1.2	294
13	8	90	7	67.7	149.6	46.1	7.8	25.3	13.3	22.8	3.0	295
13	8	90	8	34.1	89.1	36.9	9.0	27.0	13.3	26.7	3.3	296
13	8	90	9	15.2	50.6	27.4	24.6	62.2	24.5	24.7	3.7	297
13	8	90	10	9.3	40.7	26.4	1.7	6.9	4.3	46.5	2.7	298
13	8	90	11	21.8	63.8	30.6	.6	2.7	1.8	51.5	1.5	299
13	8	90	12	27.6	78.1	35.9	.6	1.8	1.0	52.5	1.7	300
13	8	90	13	27.6	80.3	38.1	.6	2.7	1.8	50.5	2.0	301
13	8	90	14	42.9	113.3	47.7	.6	4.3	3.5	48.5	3.8	302
13	8	90	15	51.0	129.8	51.9	.6	5.2	4.3	40.6	2.5	303
13	8	90	16	19.6	67.1	37.2	2.8	10.2	5.9	60.4	1.3	304
13	8	90	17	5.0	31.9	24.3	1.1	6.0	4.3	44.6	1.7	305
13	8	90	18	11.6	53.9	36.2	1.1	11.0	9.3	40.6	2.2	306
13	8	90	19	2.1	18.7	15.5	.6	7.7	6.8	47.5	1.5	307
13	8	90	20	11.6	63.8	46.1	2.8	12.7	8.4	43.6	1.8	308
13	8	90	21	24.7	71.5	33.7	1.7	8.5	6.0	41.6	3.1	309
13	8	90	22	81.0	173.8	50.1	.6	7.7	6.8	26.7	4.2	310
13	8	90	23	53.2	119.9	38.6	4.5	26.1	19.3	9.9	4.8	311
13	8	90	24	46.7	106.7	35.4	1.7	19.4	16.8	12.9	2.9	312
14	8	90	1	25.5	63.8	24.9	.6	8.5	7.7	11.9	1.6	313
14	8	90	2	40.8	92.4	30.0	.6	3.5	2.6	8.9	.7	314
14	8	90	3	10.2	38.5	23.0	3.4	12.7	7.6	8.9	.5	315
14	8	90	4	20.4	58.3	27.1	3.9	14.4	8.4	7.9	.5	316
14	8	90	5	13.1	39.6	19.6	5.0	16.1	8.3	7.9	.3	317
14	8	90	6	21.1	51.7	19.4	12.3	31.1	12.3	9.9	.9	318
14	8	90	7	83.2	166.1	39.0	28.6	65.5	21.9	4.9	2.1	319
14	8	90	8	49.6	106.7	30.9	23.5	52.9	17.0	11.9	1.3	320
14	8	90	9	28.5	79.2	35.7	5.0	16.9	9.2	34.7-9900.0	.0	321
14	8	90	10	19.7	62.7	32.6	7.3	21.1	10.0	36.6-9900.0	.0	322
14	8	90	11	-9900.0	-9900.0	-9900.0	2.8	10.2	5.9	41.6	4.9	323
14	8	90	12	20.4	66.0	34.8	.6	3.5	2.6	49.5	3.2	324
14	8	90	13	20.4	66.0	34.8	.6	3.5	2.6	53.5	2.7	325
14	8	90	14	29.2	84.7	40.1	.6	3.5	2.6	54.4	2.1	326
14	8	90	15	23.4	78.1	42.4	.6	3.5	2.6	47.5	1.8	327
14	8	90	16	26.3	91.3	51.1	2.2	10.2	6.7	67.3	2.1	328
14	8	90	17	30.7	115.5	68.6	2.2	17.7	14.3	40.6	3.0	329
14	8	90	18	49.6	154.0	78.2	.6	12.7	11.8	42.6	3.1	330
14	8	90	19	46.0	136.4	66.1	2.8	31.1	26.9	15.8	2.9	331
14	8	90	20	52.6	152.9	72.6	3.4	32.8	27.7	9.9	3.3	332
14	8	90	21	53.3	141.9	60.5	3.9	27.8	21.8	10.9	4.6	333
14	8	90	22	44.5	113.3	45.3	4.5	35.3	28.5	5.9	4.9	334
14	8	90	23	135.0	266.3	60.0	7.8	40.4	28.4	7.9	4.3	335
14	8	90	24	98.6	205.8	55.2	15.7	55.5	31.5	2.0	3.2	336
15	8	90	1	46.7	110.0	38.6	16.8	48.7	23.1	9.9	2.1	337
15	8	90	2	71.5	156.2	46.9	2.2	17.7	14.3	17.8	.8	338
15	8	90	3	70.8	151.8	43.6	.6	12.7	11.8	17.8	.7	339
15	8	90	4	62.1	137.5	42.7	1.1	10.1	8.4	22.8	.4	340
15	8	90	5	63.5	138.6	41.6	1.1	7.6	5.9	25.7	.4	341
15	8	90	6	49.6	113.3	37.4	6.7	21.0	10.8	31.7	1.0	342
15	8	90	7	69.4	152.9	47.0	6.2	25.2	15.8	29.7	2.6	343
15	8	90	8	79.6	172.8	51.2	7.3	26.9	15.8	31.7	2.5	344
15	8	90	9	57.7	147.4	59.3	7.8	30.3	18.3	40.6	3.3	345
15	8	90	10	33.6	97.9	46.6	5.0	22.7	15.0	50.5	3.2	346
15	8	90	11	19.0	74.7	45.7	1.1	6.8	5.1	68.3	2.6	347
15	8	90	12	13.9	58.2	37.0	.6	3.4	2.6	80.2	1.6	348
15	8	90	13	17.5	71.4	44.6	.6	3.4	2.6	80.2	1.6	349
15	8	90	14	22.6	89.0	54.5	.6	5.1	4.2	76.2	3.9	350
15	8	90	15	28.5	106.7	63.2	.6	6.8	5.9	60.4	4.2	351
15	8	90	16	18.2	80.2	52.3	.6	5.1	4.2	38.1	1.9	352
15	8	90	17	20.4	90.1	58.9	.6	5.1	4.2	74.2	1.3	353
15	8	90	18	12.4	70.3	51.3	.0	4.2	4.2	75.2	.9	354
15	8	90	19	3.7	28.4	22.8	.0	2.6	2.6	78.2	.6	355
15	8	90	20	7.3	49.3	38.2	.0	4.2	4.2	74.2	1.6	356
15	8	90	21	3.7	24.0	18.4	1.7	8.4	5.9	65.3	1.1	357
15	8	90	22	2.2	14.1	10.7	2.8	16.0	11.7	49.5	2.3	358
15	8	90	23	.7	15.2	14.0	1.7	15.1	12.6	36.6	1.7	359
15	8	90	24	1.5	15.2	12.9	1.1	5.1	3.4	53.5	1.6	360

	NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ	
19	8	90	1	.0	11.3	11.3-9900.0-9900.0-9900.0-9900.0		1.6	433
19	8	90	2	.0	18.0	18.0-9900.0-9900.0-9900.0-9900.0		1.7	434
19	8	90	3	.0	10.2	10.2-9900.0-9900.0-9900.0-9900.0		3.3	435
19	8	90	4	.0	5.8	6.9-9900.0-9900.0-9900.0-9900.0		.8	436
19	8	90	5	.0	3.5	4.7-9900.0-9900.0-9900.0-9900.0		.3	437
19	8	90	6	.7	8.0	6.9-9900.0-9900.0-9900.0-9900.0		.3	438
19	8	90	7	1.5	11.3	9.1-9900.0-9900.0-9900.0-9900.0		.4	439
19	8	90	8	.7	12.4	11.3-9900.0-9900.0-9900.0-9900.0		.6	440
19	8	90	9	.0	8.0	8.0-9900.0-9900.0-9900.0-9900.0		.4	441
19	8	90	10	.0	9.1	9.1-9900.0-9900.0-9900.0-9900.0		.7	442
19	8	90	11	.7	14.6	13.5-9900.0-9900.0-9900.0-9900.0		.8	443
19	8	90	12	2.2	19.0	15.7-9900.0-9900.0-9900.0-9900.0		1.1	444
19	8	90	13	2.2	23.4	20.1-9900.0-9900.0-9900.0-9900.0		1.5	445
19	8	90	14	2.9	30.1	25.6-9900.0-9900.0-9900.0-9900.0		1.4	446
19	8	90	15	2.9	29.0	24.5-9900.0-9900.0-9900.0-9900.0		1.7	447
19	8	90	16	4.4	44.5	37.8-9900.0-9900.0-9900.0-9900.0		2.1	448
19	8	90	17	2.2	34.5	31.2-9900.0-9900.0-9900.0-9900.0		1.1	449
19	8	90	18	4.4	32.3	25.6-9900.0-9900.0-9900.0-9900.0		1.2	450
19	8	90	19	11.0	55.6	38.8-9900.0-9900.0-9900.0-9900.0		5.8	451
19	8	90	20	17.5	82.2	55.4-9900.0-9900.0-9900.0-9900.0		2.9	452
19	8	90	21	13.9	61.1	39.9-9900.0-9900.0-9900.0-9900.0		2.3	453
19	8	90	22	10.2	52.2	36.6-9900.0-9900.0-9900.0-9900.0		1.3	454
19	8	90	23	5.1	30.0	22.2-9900.0-9900.0-9900.0-9900.0		1.4	455
19	8	90	24	.7	10.1	8.9-9900.0-9900.0-9900.0-9900.0		.7	456
20	8	90	1	.0	6.7	6.7-9900.0-9900.0-9900.0-9900.0		.5	457
20	8	90	2	.0	4.5	4.5-9900.0-9900.0-9900.0-9900.0		.2	458
20	8	90	3	.0	3.4	3.4-9900.0-9900.0-9900.0-9900.0		.3	459
20	8	90	4	.0	4.5	4.5-9900.0-9900.0-9900.0-9900.0		.2	460
20	8	90	5	1.5	13.4	11.1-9900.0-9900.0-9900.0-9900.0		.3	461
20	8	90	6	21.9	87.7	54.2-9900.0-9900.0-9900.0-9900.0		1.1	462
20	8	90	7	73.7	186.5	73.8-9900.0-9900.0-9900.0-9900.0		3.1	463
20	8	90	8	32.8	116.6	66.4-9900.0-9900.0-9900.0-9900.0		4.1	464
20	8	90	9	102.9	235.3	78.0-9900.0-9900.0-9900.0-9900.0		4.4	465
20	8	90	10	97.8	228.7	79.2-9900.0-9900.0-9900.0-9900.0		6.1	466
20	8	90	11	96.4	224.2	77.0-9900.0-9900.0-9900.0-9900.0		6.5	467
20	8	90	12	86.1	204.2	72.6-9900.0-9900.0-9900.0-9900.0		8.0	468
20	8	90	13	39.4	113.2	53.0-9900.0-9900.0-9900.0-9900.0		7.5	470
20	8	90	14	24.1	81.0	44.2-9900.0-9900.0-9900.0-9900.0		7.3	471
20	8	90	15	23.4	74.4	38.7-9900.0-9900.0-9900.0-9900.0		3.0	472
20	8	90	16	62.8	156.5	60.6-9900.0-9900.0-9900.0-9900.0		1.6	473
20	8	90	17	79.6	189.8	68.2-9900.0-9900.0-9900.0-9900.0		1.3	474
20	8	90	18	102.9	224.2	66.9-9900.0-9900.0-9900.0-9900.0		4.0	475
20	8	90	19	192.8	359.7	65.1-9900.0-9900.0-9900.0-9900.0		5.4	476
20	8	90	20	163.6	299.7	49.8-9900.0-9900.0-9900.0-9900.0		3.9	477
20	8	90	21	61.3	128.8	35.1-9900.0-9900.0-9900.0-9900.0		4.9	478
20	8	90	22	106.6	196.5	33.6-9900.0-9900.0-9900.0-9900.0		4.9	479
20	8	90	23	69.4	138.8	32.8-9900.0-9900.0-9900.0-9900.0		3.7	480
21	8	90	1	55.5	109.9	25.2-9900.0-9900.0-9900.0-9900.0		2.6	481
21	8	90	2	73.7	136.6	23.9-9900.0-9900.0-9900.0-9900.0		1.2	482
21	8	90	3	65.0	125.5	26.2-9900.0-9900.0-9900.0-9900.0		.8	483
21	8	90	4	52.6	105.5	25.2-9900.0-9900.0-9900.0-9900.0		.6	484
21	8	90	5	37.2	83.3	26.4-9900.0-9900.0-9900.0-9900.0		.3	485
21	8	90	6	73.7	142.1	29.5-9900.0-9900.0-9900.0-9900.0		1.1	486
21	8	90	7	108.8	201.0	34.7-9900.0-9900.0-9900.0-9900.0		2.0	487
21	8	90	8	69.4	142.1	36.2-9900.0-9900.0-9900.0-9900.0		2.1	488
21	8	90	9	64.2	138.8	40.6-9900.0-9900.0-9900.0-9900.0		2.9	489
21	8	90	10	41.6	100.0	36.4-9900.0-9900.0-9900.0-9900.0		2.0	490
21	8	90	11	65.0	145.5	46.2-9900.0-9900.0-9900.0-9900.0		5.5	491
21	8	90	12	99.3	204.3	52.5-9900.0-9900.0-9900.0-9900.0		6.1	492
21	8	90	13	48.9	126.6	51.9-9900.0-9900.0-9900.0-9900.0		6.9	493
21	8	90	14	32.8	96.6	46.5-9900.0-9900.0-9900.0-9900.0		5.3	494
21	8	90	15	8.7	35.6	22.3-9900.0-9900.0-9900.0-9900.0		4.7	495
21	8	90	16	5.8	34.5	25.6-9900.0-9900.0-9900.0-9900.0		2.1	496
21	8	90	17	13.1	68.9	48.9-9900.0-9900.0-9900.0-9900.0		2.2	497
21	8	90	18	35.0	115.5	62.0-9900.0-9900.0-9900.0-9900.0		3.5	498
21	8	90	19	56.2	158.8	72.9-9900.0-9900.0-9900.0-9900.0		4.4	499
21	8	90	20	20.4	85.6	54.4-9900.0-9900.0-9900.0-9900.0		3.5	500
21	8	90	21	21.9	88.9	55.5-9900.0-9900.0-9900.0-9900.0		3.8	501
21	8	90	22	10.9	61.1	44.5-9900.0-9900.0-9900.0-9900.0		3.8	502
21	8	90	23	2.1	31.2	27.9-9900.0-9900.0-9900.0-9900.0		3.1	503
21	8	90	24	2.1	26.7	23.5-9900.0-9900.0-9900.0-9900.0		1.4	504

			NO.FR	NOXFR	NO2FR	NO.PR	NOXPR	NO2PR	O3.PR	CO.SJ		
31	8	90	1	76.1	139.4	23.1	-9900.0	-9900.0	-9900.0	-9900.0	3.8	721
31	8	90	2	81.3	152.7	28.6	-9900.0	-9900.0	-9900.0	-9900.0	1.8	722
31	8	90	3	45.2	89.5	20.4	-9900.0	-9900.0	-9900.0	-9900.0	.5	723
31	8	90	4	48.1	96.1	22.6	-9900.0	-9900.0	-9900.0	-9900.0	.4	724
31	8	90	5	49.6	99.5	23.7	-9900.0	-9900.0	-9900.0	-9900.0	.6	725
31	8	90	6	49.6	93.9	18.1	-9900.0	-9900.0	-9900.0	-9900.0	1.3	726
31	8	90	7	78.3	147.2	27.5	-9900.0	-9900.0	-9900.0	-9900.0	2.3	727
31	8	90	8	47.4	101.7	29.3	-9900.0	-9900.0	-9900.0	-9900.0	1.7	728
31	8	90	9	51.1	116.1	38.1	-9900.0	-9900.0	-9900.0	-9900.0	2.4	729
31	8	90	10	45.9	111.7	41.5	-9900.0	-9900.0	-9900.0	-9900.0	4.4	730
31	8	90	11	40.8	100.6	38.3	-9900.0	-9900.0	-9900.0	-9900.0	4.6	731
31	8	90	12	52.6	118.3	38.0	-9900.0	-9900.0	-9900.0	-9900.0	5.4	732
31	8	90	13	41.5	106.1	42.7	-9900.0	-9900.0	-9900.0	-9900.0	4.4	733
31	8	90	14	37.1	99.5	42.8	-9900.0	-9900.0	-9900.0	-9900.0	3.9	734
31	8	90	15	38.6	102.8	43.9	-9900.0	-9900.0	-9900.0	-9900.0	1.8	735
31	8	90	16	35.6	97.3	42.8	-9900.0	-9900.0	-9900.0	-9900.0	1.9	736
31	8	90	17	19.4	68.4	38.7	-9900.0	-9900.0	-9900.0	-9900.0	1.1	737
31	8	90	18	31.9	102.8	54.0	-9900.0	-9900.0	-9900.0	-9900.0	1.5	738
31	8	90	19	75.4	178.3	63.1	-9900.0	-9900.0	-9900.0	-9900.0	1.6	739
31	8	90	20	45.9	135.0	64.8	-9900.0	-9900.0	-9900.0	-9900.0	2.7	740
31	8	90	21	45.9	127.2	57.1	-9900.0	-9900.0	-9900.0	-9900.0	2.7	741
31	8	90	22	49.6	123.9	48.1	-9900.0	-9900.0	-9900.0	-9900.0	4.1	742
31	8	90	23	62.9	142.8	46.7	-9900.0	-9900.0	-9900.0	-9900.0	5.2	743
31	8	90	24	94.5	188.3	43.9	-9900.0	-9900.0	-9900.0	-9900.0	5.7	744
MAGLER(ANT)				3	3	3	378	378	378	378	4	
MAGLER(%)				.4	.4	.4	50.8	50.8	50.8	50.8	.5	

			NO.FR	NOXFR	NO2FR	CO.SJ		
1	9	90	1	20.1	61.8	31.0	2.2	1
1	9	90	2	16.5	59.5	34.4	2.9	2
1	9	90	3	3.9	32.9	26.9	3.2	3
1	9	90	4	11.3	51.8	34.5	.7	4
1	9	90	5	21.6	66.2	33.2	.3	5
1	9	90	6	15.0	50.7	27.8	.4	6
1	9	90	7	8.4	31.8	19.0	.6	7
1	9	90	8	8.4	31.8	19.0	1.0	8
1	9	90	9	9.8	36.3	21.2	2.0	9
1	9	90	10	14.2	47.4	25.6	1.3	10
1	9	90	11	20.1	61.8	31.0	1.6	11
1	9	90	12	22.3	67.3	33.2	1.2	12
1	9	90	13	19.4	61.8	32.2	1.2	13
1	9	90	14	18.7	60.7	32.2	1.0	14
1	9	90	15	9.1	35.2	21.3	1.3	15
1	9	90	16	9.8	45.2	30.2	1.7	16
1	9	90	17	16.4	74.0	48.9	1.4	17
1	9	90	18	13.5	71.8	51.2	1.7	18
1	9	90	19	40.8	122.9	60.6	2.0	19
1	9	90	20	68.8	161.7	56.6	2.6	20
1	9	90	21	157.9	297.1	55.8	3.9	21
1	9	90	22	50.3	130.6	53.7	2.9	22
1	9	90	23	18.6	69.6	41.1	3.1	23
1	9	90	24	1.7	16.3	13.7	1.6	24
2	9	90	1	1.7	20.8	18.2	1.1	25
2	9	90	2	1.0	19.6	18.2	1.3	26
2	9	90	3	7.6	46.3	34.7	4.6	27
2	9	90	4	9.1	50.7	36.9	1.0	28
2	9	90	5	3.2	33.0	28.1	.5	29
2	9	90	6	17.2	58.5	32.3	.2	30
2	9	90	7	8.3	30.8	18.0	.3	31
2	9	90	8	.9	9.7	8.2	.1	32
2	9	90	9	6.1	27.4	18.1	.2	33
2	9	90	10	7.6	34.1	22.5	.2	34
2	9	90	11	6.8	35.2	24.8	.3	35
2	9	90	12	8.3	39.7	27.0	.6	36
2	9	90	13	11.3	51.9	34.7	1.1	37
2	9	90	14	21.6	92.9	60.0	1.0	38
2	9	90	15	44.4	141.8	73.9	2.1	39
2	9	90	16	23.8	91.8	55.5	.8	40
2	9	90	17	40.7	138.5	76.2	1.3	41
2	9	90	18	46.6	137.3	66.1	2.1	42
2	9	90	19	129.2	277.2	79.7	3.7	43
2	9	90	20	97.5	222.8	73.8	2.8	44
2	9	90	21	99.7	216.2	63.8	4.8	45
2	9	90	22	61.4	151.8	58.0	4.5	46
2	9	90	23	48.9	131.8	57.2	3.0	47
2	9	90	24	23.0	87.4	52.2	1.1	48
3	9	90	1	6.8	46.3	35.9	.8	49
3	9	90	2	5.3	44.1	36.0	.2	50
3	9	90	3	19.4	69.7	40.1	.2	51
3	9	90	4	12.0	63.0	44.7	.2	52
3	9	90	5	6.8	48.6	38.2	.2	53
3	9	90	6	28.9	87.4	43.2	.8	54
3	9	90	7	42.2	115.2	50.7	2.1	55
3	9	90	8	16.4	61.9	36.8	2.5	56
3	9	90	9	21.6	77.4	44.5	3.0	57
3	9	90	10	18.6	69.7	41.2	3.1	58
3	9	90	11	20.1	71.9	41.2	3.1	59
3	9	90	12	12.0	45.3	27.0	3.3	60
3	9	90	13	14.2	54.1	32.5	3.4	61
3	9	90	14	37.8	107.4	49.7	2.3	62
3	9	90	15	41.5	118.5	55.2	2.5	63
3	9	90	16	28.2	91.9	48.8	2.4	64
3	9	90	17	12.7	61.9	42.5	1.4	65
3	9	90	18	15.6	75.2	51.3	2.1	66
3	9	90	19	57.7	146.3	58.1	2.7	67
3	9	90	20	146.3	279.5	56.0	3.0	68
3	9	90	21	173.6	311.7	46.5	3.8	69
3	9	90	22	127.8	242.9	47.6	5.1	70
3	9	90	23	143.3	264.0	45.0	3.7	71
3	9	90	24	37.0	97.5	40.9	2.1	72

			NO.FR	NOXFR	NO2FR	CO.ISJ		
4	9	90	1	6.8	45.3	34.9	.8	73
4	9	90	2	9.7	48.6	33.8	.5	74
4	9	90	3	11.2	54.2	37.1	.2	75
4	9	90	4	6.8	40.9	30.5	.2	76
4	9	90	5	20.1	63.1	32.4	.3	77
4	9	90	6	65.1	139.7	40.2	1.3	78
4	9	90	7	51.1	126.3	48.3	1.6	79
4	9	90	8	32.6	89.7	39.9	1.2	80
4	9	90	9	23.8	69.7	33.4	1.7	81
4	9	90	10	27.4	77.5	35.6	1.8	82
4	9	90	11	20.1	60.9	30.2	1.6	83
4	9	90	12	28.9	82.0	37.8	2.7	84
4	9	90	13	36.3	98.6	43.1	2.3	85
4	9	90	14	62.1	150.8	55.8	3.5	86
4	9	90	15	35.6	100.8	46.5	2.8	87
4	9	90	16	8.2	45.3	32.7	1.8	88
4	9	90	17	9.0	54.2	40.5	1.4	89
4	9	90	18	18.6	76.4	48.0	1.6	90
4	9	90	19	16.4	75.3	50.3	1.5	91
4	9	90	20	60.7	135.3	42.6	3.7	92
4	9	90	21	164.1	297.3	46.6	2.8	93
4	9	90	22	184.7	328.4	46.1	3.9	94
4	9	90	23	88.7	184.1	48.5	3.1	95
4	9	90	24	54.0	128.6	46.1	1.5	96
5	9	90	1	31.9	89.8	41.1	1.2	97
5	9	90	2	20.0	64.2	33.6	.3	98
5	9	90	3	9.7	38.7	23.9	.1	99
5	9	90	4	4.5	28.7	21.8	.1	100
5	9	90	5	21.5	55.4	22.5	.2	101
5	9	90	6	168.5	292.9	35.4	1.6	102
5	9	90	7	71.0	144.2	35.7	2.3	103
5	9	90	8	28.2	70.9	27.9	2.1	104
5	9	90	9	45.2	110.9	41.9	2.6	105
5	9	90	10	34.1	87.6	35.5	1.6	106
5	9	90	11	28.9	78.7	34.5	1.4	107
5	9	90	12	22.2	66.5	32.5	3.8	108
5	9	90	13	23.7	78.7	42.4	3.3	109
5	9	90	14	20.8	72.0	40.3	3.5	110
5	9	90	15	20.0	67.6	37.0	3.6	111
5	9	90	16	14.1	55.4	33.8	3.1	112
5	9	90	17	24.5	85.4	48.0	2.2	113
5	9	90	18	65.1	150.9	51.4	1.7	114
5	9	90	19	13.4	56.5	36.1	.9	115
5	9	90	20	15.6	64.3	40.5	1.2	116
5	9	90	21	14.1	62.1	40.5	1.2	117
5	9	90	22	11.2	54.3	37.3	1.2	118
5	9	90	23	5.2	28.8	20.8	.9	119
5	9	90	24	1.5	21.0	18.6	.5	120
6	9	90	1	1.5	25.4	23.1	.4	121
6	9	90	2	3.0	23.2	18.6	.2	122
6	9	90	3	.0	7.7	8.7	.2	123
6	9	90	4	.8	17.7	16.5	.2	124
6	9	90	5	11.1	43.2	26.2	.3	125
6	9	90	6	39.2	93.2	33.2	1.3	126
6	9	90	7	109.5	219.7	52.4	3.3	127
6	9	90	8	25.2	69.9	31.4	2.8	128
6	9	90	9	16.3	56.5	31.6	2.2	129
6	9	90	10	18.5	68.8	40.4	3.0	130
6	9	90	11	20.7	65.4	33.7	1.8	131
6	9	90	12	26.7	78.7	38.0	2.0	132
6	9	90	13	36.3	99.8	44.4	1.9	133
6	9	90	14	39.2	105.4	45.4	3.3	134
6	9	90	15	63.6	150.9	53.7	2.7	135
6	9	90	16	31.8	102.1	53.4	2.3	136
6	9	90	17	35.5	112.1	57.8	2.3	137
6	9	90	18	8.9	55.5	41.8	2.1	138
6	9	90	19	5.9	47.7	38.6	2.0	139
6	9	90	20	16.3	69.9	45.0	2.4	140
6	9	90	21	26.7	81.0	40.3	4.9	141
6	9	90	22	92.5	193.1	51.8	4.9	142
6	9	90	23	48.8	117.6	43.0	4.7	143
6	9	90	24	43.7	106.5	39.8	2.6	144

			NO.FR	NOXFR	NO2FR	CO.SJ		
7	9	90	1	31.8	86.6	37.9	2.4	145
7	9	90	2	33.3	86.6	35.7	.9	146
7	9	90	3	13.3	55.5	35.1	.5	147
7	9	90	4	8.2	42.2	29.7	.3	148
7	9	90	5	8.9	39.9	26.4	.4	149
7	9	90	6	81.4	150.9	26.6	1.4	150
7	9	90	7	104.3	195.3	35.9	3.2	151
7	9	90	8-9900.0	-9900.0	-9900.0	-9900.0		152
7	9	90	9-9900.0	-9900.0	-9900.0	-9900.0		153
7	9	90	10-9900.0	-9900.0	-9900.0	-9900.0		154
7	9	90	11-9900.0	-9900.0	-9900.0	-9900.0		155
7	9	90	12-9900.0	-9900.0	-9900.0	-9900.0		156
7	9	90	13-9900.0	-9900.0	-9900.0	-9900.0		157
7	9	90	14-9900.0	-9900.0	-9900.0	-9900.0		158
7	9	90	15-9900.0	-9900.0	-9900.0	-9900.0		159
7	9	90	16-9900.0	-9900.0	-9900.0	-9900.0		160
7	9	90	17-9900.0	-9900.0	-9900.0	-9900.0		161
7	9	90	18-9900.0	-9900.0	-9900.0	-9900.0		162
7	9	90	19-9900.0	-9900.0	-9900.0	-9900.0		163
7	9	90	20-9900.0	-9900.0	-9900.0	-9900.0		164
7	9	90	21-9900.0	-9900.0	-9900.0	-9900.0		165
7	9	90	22-9900.0	-9900.0	-9900.0	-9900.0		166
7	9	90	23-9900.0	-9900.0	-9900.0	-9900.0		167
7	9	90	24-9900.0	-9900.0	-9900.0	-9900.0		168
8	9	90	1-9900.0	-9900.0	-9900.0	-9900.0		169
8	9	90	2-9900.0	-9900.0	-9900.0	-9900.0		170
8	9	90	3-9900.0	-9900.0	-9900.0	-9900.0		171
8	9	90	4-9900.0	-9900.0	-9900.0	-9900.0		172
8	9	90	5-9900.0	-9900.0	-9900.0	-9900.0		173
8	9	90	6-9900.0	-9900.0	-9900.0	-9900.0		174
8	9	90	7-9900.0	-9900.0	-9900.0	-9900.0		175
8	9	90	8-9900.0	-9900.0	-9900.0	-9900.0		176
8	9	90	9-9900.0	-9900.0	-9900.0	-9900.0		177
8	9	90	10-9900.0	-9900.0	-9900.0	-9900.0		178
8	9	90	11-9900.0	-9900.0	-9900.0	-9900.0		179
8	9	90	12-9900.0	-9900.0	-9900.0	-9900.0		180
8	9	90	13-9900.0	-9900.0	-9900.0	-9900.0		181
8	9	90	14-9900.0	-9900.0	-9900.0	-9900.0		182
8	9	90	15-9900.0	-9900.0	-9900.0	-9900.0		183
8	9	90	16-9900.0	-9900.0	-9900.0	-9900.0		184
8	9	90	17-9900.0	-9900.0	-9900.0	-9900.0		185
8	9	90	18-9900.0	-9900.0	-9900.0	-9900.0		186
8	9	90	19-9900.0	-9900.0	-9900.0	-9900.0		187
8	9	90	20-9900.0	-9900.0	-9900.0	-9900.0		188
8	9	90	21-9900.0	-9900.0	-9900.0	-9900.0		189
8	9	90	22-9900.0	-9900.0	-9900.0	-9900.0		190
8	9	90	23-9900.0	-9900.0	-9900.0	-9900.0		191
8	9	90	24-9900.0	-9900.0	-9900.0	-9900.0		192
9	9	90	1-9900.0	-9900.0	-9900.0	-9900.0		193
9	9	90	2-9900.0	-9900.0	-9900.0	-9900.0		194
9	9	90	3-9900.0	-9900.0	-9900.0	-9900.0		195
9	9	90	4-9900.0	-9900.0	-9900.0	-9900.0		196
9	9	90	5-9900.0	-9900.0	-9900.0	-9900.0		197
9	9	90	6-9900.0	-9900.0	-9900.0	-9900.0		198
9	9	90	7-9900.0	-9900.0	-9900.0	-9900.0		199
9	9	90	8-9900.0	-9900.0	-9900.0	-9900.0		200
9	9	90	9-9900.0	-9900.0	-9900.0	-9900.0		201
9	9	90	10-9900.0	-9900.0	-9900.0	-9900.0		202
9	9	90	11-9900.0	-9900.0	-9900.0	-9900.0		203
9	9	90	12-9900.0	-9900.0	-9900.0	-9900.0		204
9	9	90	13-9900.0	-9900.0	-9900.0	-9900.0		205
9	9	90	14-9900.0	-9900.0	-9900.0	-9900.0		206
9	9	90	15-9900.0	-9900.0	-9900.0	-9900.0		207
9	9	90	16-9900.0	-9900.0	-9900.0	-9900.0		208
9	9	90	17-9900.0	-9900.0	-9900.0	-9900.0		209
9	9	90	18-9900.0	-9900.0	-9900.0	-9900.0		210
9	9	90	19-9900.0	-9900.0	-9900.0	-9900.0		211
9	9	90	20-9900.0	-9900.0	-9900.0	-9900.0		212
9	9	90	21-9900.0	-9900.0	-9900.0	-9900.0		213
9	9	90	22-9900.0	-9900.0	-9900.0	-9900.0		214
9	9	90	23-9900.0	-9900.0	-9900.0	-9900.0		215
9	9	90	24-9900.0	-9900.0	-9900.0	-9900.0		216

NO.FR NOXFR NO2FR CO.SJ

28	9	90	1-9900.0-9900.0-9900.0-9900.0	649
28	9	90	2-9900.0-9900.0-9900.0-9900.0	650
28	9	90	3-9900.0-9900.0-9900.0-9900.0	651
28	9	90	4-9900.0-9900.0-9900.0-9900.0	652
28	9	90	5-9900.0-9900.0-9900.0-9900.0	653
28	9	90	6-9900.0-9900.0-9900.0-9900.0	654
28	9	90	7-9900.0-9900.0-9900.0-9900.0	655
28	9	90	8-9900.0-9900.0-9900.0-9900.0	656
28	9	90	9-9900.0-9900.0-9900.0-9900.0	657
28	9	90	10-9900.0-9900.0-9900.0-9900.0	658
28	9	90	11-9900.0-9900.0-9900.0-9900.0	659
28	9	90	12-9900.0-9900.0-9900.0-9900.0	660
28	9	90	13-9900.0-9900.0-9900.0-9900.0	661
28	9	90	14-9900.0-9900.0-9900.0-9900.0	662
28	9	90	15-9900.0-9900.0-9900.0-9900.0	663
28	9	90	16-9900.0-9900.0-9900.0-9900.0	664
28	9	90	17-9900.0-9900.0-9900.0-9900.0	665
28	9	90	18-9900.0-9900.0-9900.0-9900.0	666
28	9	90	19-9900.0-9900.0-9900.0-9900.0	667
28	9	90	20-9900.0-9900.0-9900.0-9900.0	668
28	9	90	21-9900.0-9900.0-9900.0-9900.0	669
28	9	90	22-9900.0-9900.0-9900.0-9900.0	670
28	9	90	23-9900.0-9900.0-9900.0-9900.0	671
28	9	90	24-9900.0-9900.0-9900.0-9900.0	672

29	9	90	1-9900.0-9900.0-9900.0-9900.0	673
29	9	90	2-9900.0-9900.0-9900.0-9900.0	674
29	9	90	3-9900.0-9900.0-9900.0-9900.0	675
29	9	90	4-9900.0-9900.0-9900.0-9900.0	676
29	9	90	5-9900.0-9900.0-9900.0-9900.0	677
29	9	90	6-9900.0-9900.0-9900.0-9900.0	678
29	9	90	7-9900.0-9900.0-9900.0-9900.0	679
29	9	90	8-9900.0-9900.0-9900.0-9900.0	680
29	9	90	9-9900.0-9900.0-9900.0-9900.0	681
29	9	90	10-9900.0-9900.0-9900.0-9900.0	682
29	9	90	11-9900.0-9900.0-9900.0-9900.0	683
29	9	90	12-9900.0-9900.0-9900.0-9900.0	684
29	9	90	13-9900.0-9900.0-9900.0-9900.0	685
29	9	90	14-9900.0-9900.0-9900.0-9900.0	686
29	9	90	15-9900.0-9900.0-9900.0-9900.0	687
29	9	90	16-9900.0-9900.0-9900.0-9900.0	688
29	9	90	17-9900.0-9900.0-9900.0-9900.0	689
29	9	90	18-9900.0-9900.0-9900.0-9900.0	690
29	9	90	19-9900.0-9900.0-9900.0-9900.0	691
29	9	90	20-9900.0-9900.0-9900.0-9900.0	692
29	9	90	21-9900.0-9900.0-9900.0-9900.0	693
29	9	90	22-9900.0-9900.0-9900.0-9900.0	694
29	9	90	23-9900.0-9900.0-9900.0-9900.0	695
29	9	90	24-9900.0-9900.0-9900.0-9900.0	696

30	9	90	1-9900.0-9900.0-9900.0-9900.0	697
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30	9	90	3-9900.0-9900.0-9900.0-9900.0	699
30	9	90	4-9900.0-9900.0-9900.0-9900.0	700
30	9	90	5-9900.0-9900.0-9900.0-9900.0	701
30	9	90	6-9900.0-9900.0-9900.0-9900.0	702
30	9	90	7-9900.0-9900.0-9900.0-9900.0	703
30	9	90	8-9900.0-9900.0-9900.0-9900.0	704
30	9	90	9-9900.0-9900.0-9900.0-9900.0	705
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30	9	90	12-9900.0-9900.0-9900.0-9900.0	708
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30	9	90	16-9900.0-9900.0-9900.0-9900.0	712
30	9	90	17-9900.0-9900.0-9900.0-9900.0	713
30	9	90	18-9900.0-9900.0-9900.0-9900.0	714
30	9	90	19-9900.0-9900.0-9900.0-9900.0	715
30	9	90	20-9900.0-9900.0-9900.0-9900.0	716
30	9	90	21-9900.0-9900.0-9900.0-9900.0	717
30	9	90	22-9900.0-9900.0-9900.0-9900.0	718
30	9	90	23-9900.0-9900.0-9900.0-9900.0	719
30	9	90	24-9900.0-9900.0-9900.0-9900.0	720

MANGLER(ANT) 569 569 569 569

MANGLER(%) 79.0 79.0 79.0 79.0

NORSK INSTITUTT FOR LUFTFORSKNING (NILU)
 NORWEGIAN INSTITUTE FOR AIR RESEARCH
 POSTBOKS 64, N-2001 LILLESTRØM

RAPPORTTYPE OPPDRAGSRAPPORT	RAPPORTNR. OR 14/91	ISBN-82-425-0233-1	
DATO MARS 1991	ANSV. SIGN. <i>Storland</i>	ANT. SIDER 97	PRIS NOK 150,-
TITTEL Data for meteorologi og luftkvalitet Tromsø, juni-september 1990		PROSJEKTLEDER K.E. Grønskei	
		NILU PROSJEKT NR. O-8995	
FORFATTER(E) I. Haugsbakk og K.E. Grønskei		TILGJENGELIGHET * A	
		OPPDRAGSGIVERS REF.	
OPPDRAGSGIVER (NAVN OG ADRESSE) Tromsø Kommune Postboks 1003 9001 Tromsø			
3 STIKKORD Meteorol. data Luftkvalitet			
REFERAT Denne rapporten presenterer en statistisk bearbeiding av data for meteorologi og luftkvalitet ved NILUs målestasjoner i Tromsø.			

TITLE Meteorological and air quality data from Tromsø. June-September 1990.
ABSTRACT A statistical evaluation of meteorological and air quality data from Tromsø has been presented.

* Kategorier: Åpen - kan bestilles fra NILU A
 Må bestilles gjennom oppdragsgiver B
 Kan ikke utleveres C