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# Målinger av meteorologi og luftkvalitet i Sauda april– august 2011

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**Oppdragsrapport**



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## Sammendrag

*NILU - Norsk institutt for luftforskning gjennomfører på oppdrag fra Sauda kommune et måleprogram med meteorologi (vind, temperatur og stabilitet), luftkvalitet (PM<sub>10</sub>) og metallanalyse av utvalgte filter fra svevestøvmålinger i Sauda. (Denne rapporten er en delrapport for perioden 01.04-30.09.2010).*

### **Meteorologi**

Dominerende vindretninger for hele måleperioden var fra øst og øst-sørøst (35,9%) og fra vest-sørvest (26,1%). Det var vindstille i 5,4% av tiden. Midlere vindstyrke for hele perioden var 1,6 m/s. De høyeste vindstyrkene forekom med vind fra vest (270°).

De meteorologiske dataene viste dominerende vind ned dalen som var et generelt trekk for hele regionen i denne perioden. Dette gir belastning mot stasjonen mer sjeldent enn vinteren 2010/2011 hvor dominerende vind var inn dalen, dvs. fra sydvest.

Forekomst av nøytrale atmosfæriske stabilitetsforhold, som inntreffer typisk ved vind og overskyet vær som fører til relativ god spredning, var høy i hele måleperioden (42,9%). Stabile atmosfæriske forhold som oppstår om vinteren og om natta ved lav vind og fører til dårlig spredning av forurensninger, ble oftest observert ved vind fra øst og forekom i 41,7% av måleperioden.

### **Luftkvalitet Søndenaia**

NILU har sammenlignet måleresultatene med grenseverdiene i forskriftene til luftkvalitet fastsatt ved Kgl. Res. 4. oktober 2002 og Nasjonalt mål for luftkvalitet.

Luftkvaliteten i et område vurderes ved å sammenligne målinger eller beregninger av konsentrasjoner av luftforurensning med grenseverdier, sett ut fra virkning på helse og/eller vegetasjon. Begrepene grenseverdi og nasjonalt mål er tallverdier for forurensningsgrad. Grenseverdier er juridisk bindende, mens Nasjonalt mål er en målsetning.

På målestasjon Søndenaia ble det i hele måleperioden registrert 2 overskridelser av døgnmidlet grenseverdi for svevestøv (PM<sub>10</sub>), på henholdsvis 51,1- og 94,4 µg/m<sup>3</sup>.

Metallanalysene viste i denne perioden en nedgang for de fleste målte parametre. Det ble målt relativt høye konsentrasjoner av mangan (Mn), men også for denne parameteren var det en betydelig reduksjon i nivået sammenlignet med tidligere målinger. Ingen av middelverdiene for komponentene i måleperioden gav overskridelser av EUs "Target values" eller WHO's retningslinjer som er årsmidlet. Det er derfor ikke noe som tyder på at konsentrasjonen av noen av de målte metaller vil overskride grenseverdier for luftkvalitet som årsmiddel.



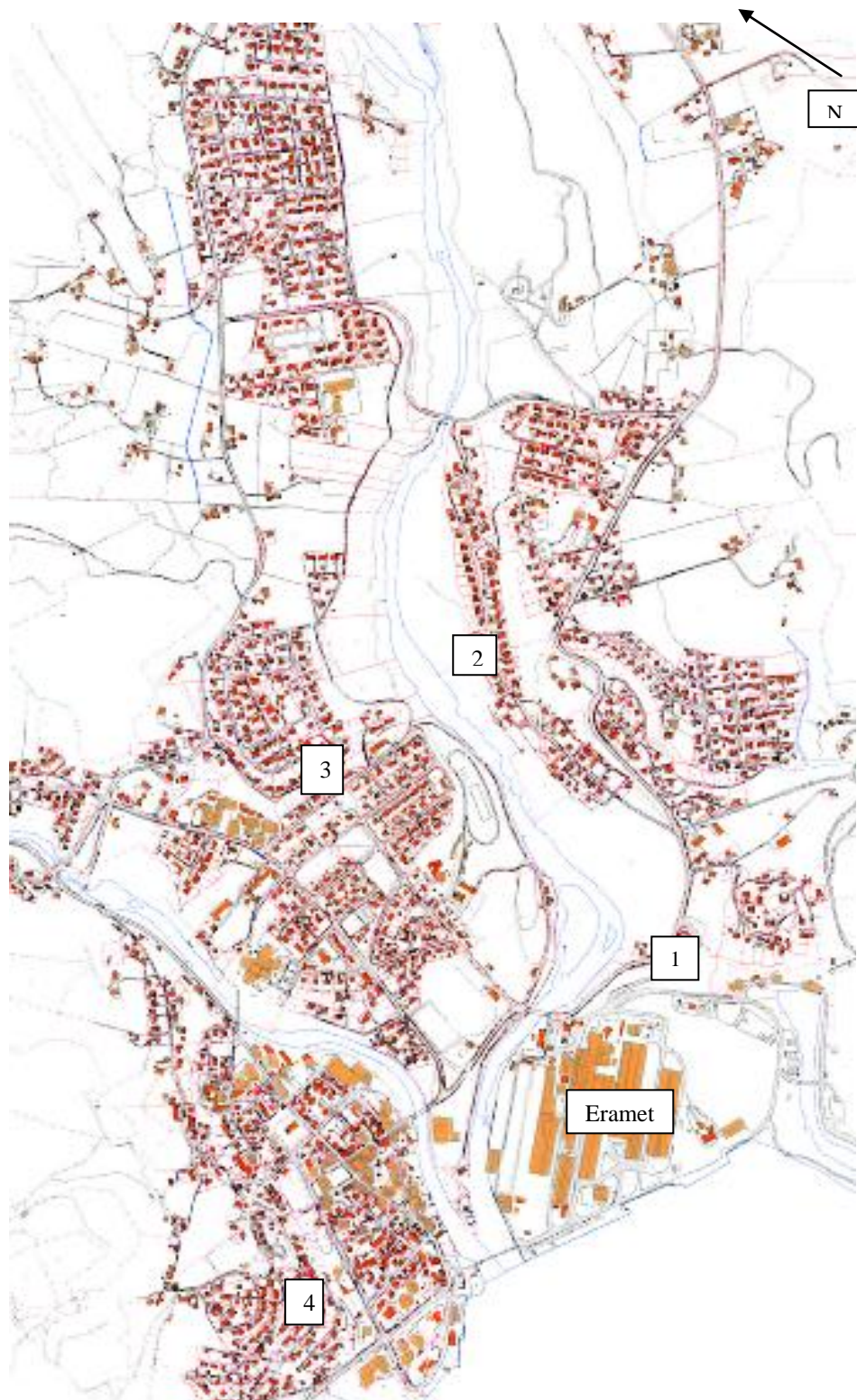
# Målinger av meteorologi og luftkvalitet i Sauda april– august 2011

## 1 Innledning

NILU - Norsk institutt for luftforskning har på oppdrag fra Sauda kommune utført målinger av meteorologi (vind, temperatur og stabilitet), luftkvalitet ( $PM_{10}$ ) og metallanalyse av utvalgte filter fra svevestøvmålingene. Målingene startet i april 2008 og dette er sjette og siste rapport som omhandler perioden april – august 2011.

## 2 Måleprogram

Figur 1 viser kart med målestasjonen inntegnet. I denne måleperioden er det blitt målt meteorologi (stasjon 1) og luftkvalitet på Søndenaia (stasjon 2). Målingene omfatter kontinuerlige målinger av  $PM_{10}$  ved bruk av Eberline og innsamling av døgnprøver av partikler på filtre for metallanalyser ved bruk av instrumenttype Kleinfilergerat.



*Figur 1: Stasjonsplassering i Sauda. 1) Meteorologiske målinger 2) Søndenålia, 3) Brekke, 4) Utsikten. Stasjon 3 og 4 var ikke i drift i perioden.*



### 3 Datatilgjengelighet

Tabell 1 gir en oversikt over måleperiode og hvilke parametre som har vært målt i Sauda.

Tabell 1: Oversikt over måleprogram, meteorologiske parametre i Sauda i perioden 01.04-31.08.2011

Parameter	Enhet	Instrument	Midlingstid
Temperatur (TT)	°C	Aanderaa	1 time
Temperaturdifferanse (dT)	°C	"	"
Vindretning (DD)	grader	"	"
Vindstyrke (FF)	m/s	"	"
Vindkast (gust)	m/s	"	"
Svevestøv Søndenaia	µg/m <sup>3</sup>	PM <sub>10</sub> -mon.	"

Datadekningen for målingene er vist i Tabell 2. Alle data er gitt i Vedlegg A.

Tabell 2: Datadekning i prosent av tid for de aktuelle parametre i Sauda i perioden 01.04-31.08.2011.

Parameter	2011				
	Apr	Mai	Jun	Jul	Aug
Vindstyrke	100	100	100	100	100
Vindkast (Gust)	100	100	100	100	100
Vindretning	99,9	99,7	99,9	99,9	99,9
Temperatur	19,3	0	81,5	100	100
Temperaturdiff	100	58,1	80,0	100	100
Svevestøv Søndenaia	98,8	99,9	100	100	100

Det var dårlig datadekning for temperatur i april og mai og delvis i juni. Det var også dårlig datadekning for stabilitet/temperaturdifferanse i mai. For øvrig var datadekningen for alle parametre i måleperioden god. Dårlig datadekning skyldes svikt i måleinstrumenter.

### 4 Meteorologiske målinger

Det er målt meteorologiske målinger på stasjon 1 øst for Eramet.

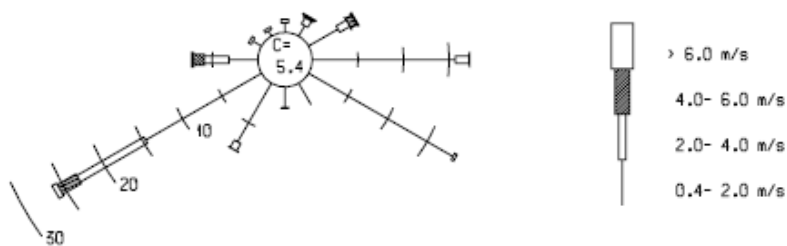
#### 4.1 Vindretning og vindstyrke

Vindretningen angis i prosent for vind fra en retning, med økende gradtall ”med sola”. Nordavind er fra 0°/360°.

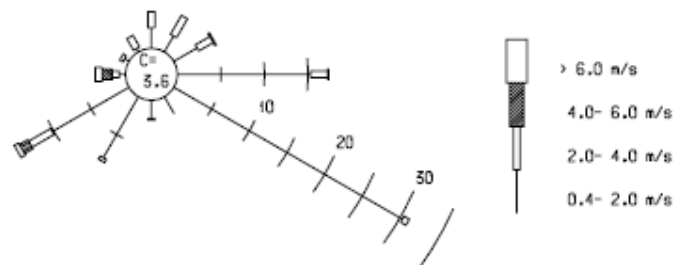
Frekvensfordelingen av vindretning for hele måleperioden og månedsvise frekvensfordelinger er vist i Figur 2. Dominerende vindretninger for hele måleperioden var fra øst og øst-sørøst (35,9%) og fra vest-sørvest (26,1%). Det var vindstille i 5,4% av tiden. Midlere vindstyrke for hele perioden var 1,6 m/s. De høyeste vindstyrkene forekom med vind fra vest (270°). Høyeste midlere vindstyrke var i mai (1,9 m/s), alle de øvrige månedene hadde vindstyrke på 1,5 m/s. Mer detaljert statistikk er vist i Vedlegg B. Figuren viser at for

sommeren 2011 var dominerende vindretning langs dalen slik det også var sommeren 2010. Dette stemmer med de generelle vindforholdene i landsdelen for disse periodene.

STASJON : Sauda met  
PERIODE : 1. 4.11 - 31. 8.11

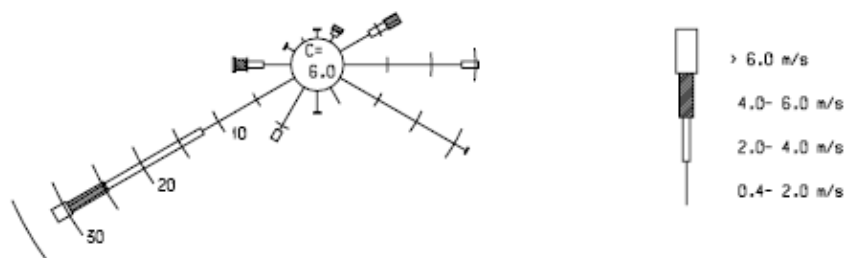


STASJON : Sauda met  
PERIODE : 1. 4.11 - 30. 4.11

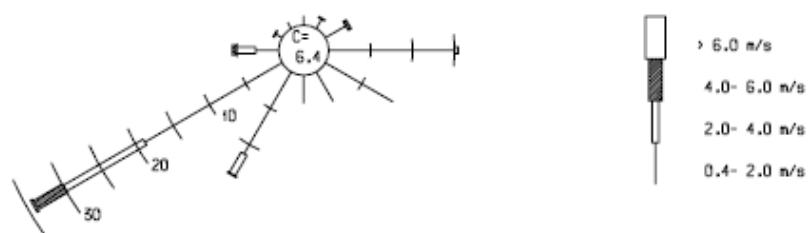


Figur 2: Frekvensfordeling av vindretning fordelt på 30°-sektorer fra Sauda i perioden 01.04-31.08.2011. Vindrosene gir prosentvis fordeling, og viser retningen det blåste fra. C=calm (vindstille).

STASJON : Souda met  
 PERIODE : 1. 5.11 - 31. 5.11

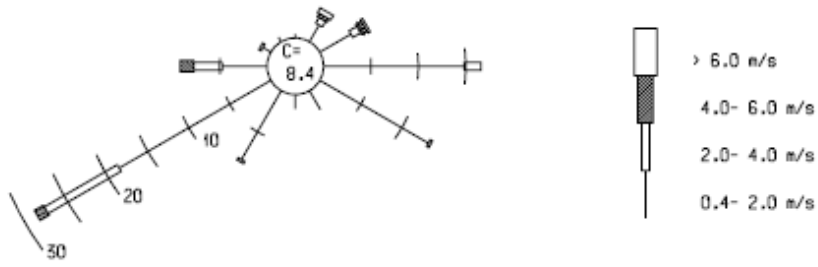


STASJON : Souda met  
 PERIODE : 1. 6.11 - 30. 6.11

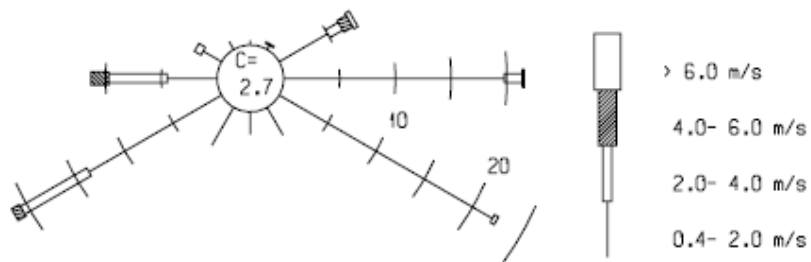


Figur 2: forts.

STASJON : Sauda met  
 PERIODE : 1. 7.11 - 31. 7.11



STASJON : Sauda met  
 PERIODE : 1. 8.11 - 31. 8.11



Figur 2: forts.

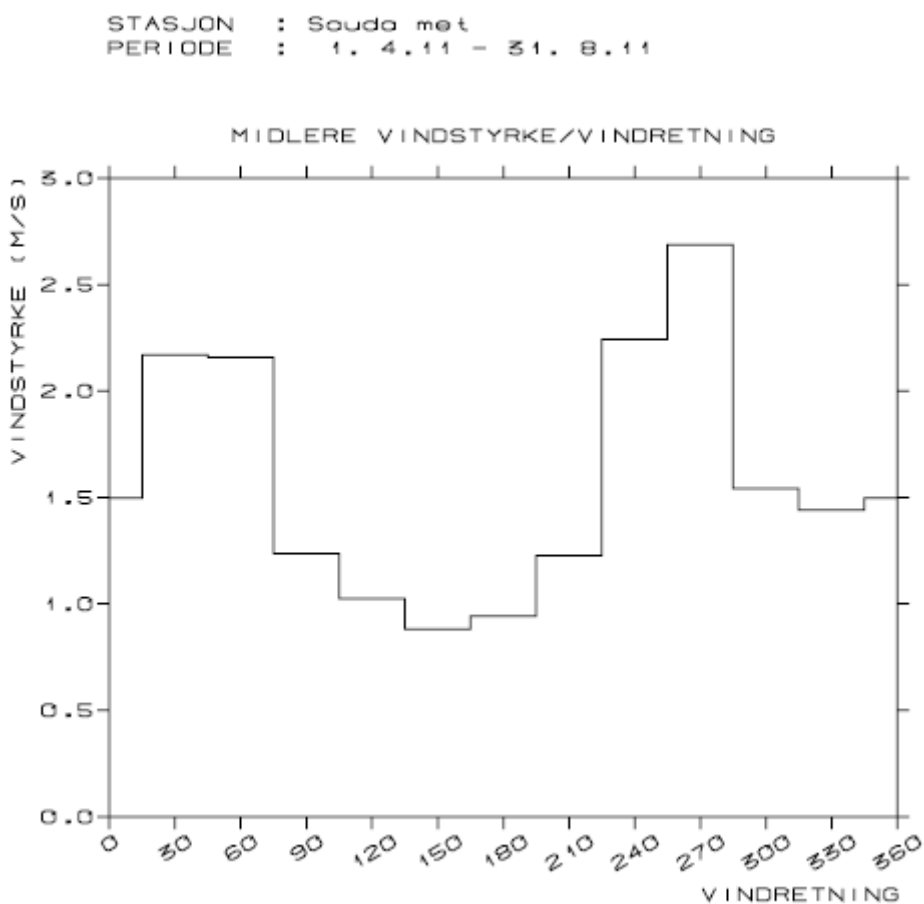
Tabell 3 viser vindstatistikk fra Sauda for hele måleperioden.

Tabell 3: Vindstyrkestatistikk (m/s) for Sauda.

Måned	Andel vindstille (%)	Midlere vindstyrke (m/s)	Maks timemiddel (m/s)	Tid for maks vindstyrke	Maks vindkast (gust) m/s	Tid for maks vindkast
2011						
April	3,6	1,5	7,4	08. kl 08	19,9	08. kl 19
Mai	6,0	1,9	9,4	24. kl 05	20,2	24. kl 05
Juni	6,4	1,5	6,7	22. kl 14	14,0	14. kl 14
Juli	8,4	1,5	7,8	17. kl 13-15	17,7	16. kl 16
August	2,7	1,5	8,5	13. kl 21	18,0	17. kl 13
Totalt	5,4	1,6	9,4	24. kl 05	20,2	24. kl 05

Alle data finnes i Vedlegg B.

Vindstyrke som funksjon av vindretning på Sauda er vist i Figur 3. Vindretningssektoren med høyest middel vindstyrke var vest ( $270^\circ$ ).



Figur 3: Midlere vindstyrke fordelt på tolv  $30^\circ$ -sektorer på Sauda i perioden 01.04.-31.08.2011.

## 4.2 Stabilitetsforhold

Vurderingen av atmosfærens stabilitetsforhold er basert på timevise målinger av temperaturdifferansen mellom 10 m.o.b. og 2 m.o.b. ( $\Delta T$ ). Forekomsten av fire stabilitetsklasser i Sauda i perioden 01.04.-31.08.2011 er gitt i Tabell 4. Ustabile og nøytrale stabilitetsforhold medfører vanligvis gode spredningsforhold, mens lett stabile og stabile stabilitetsforhold oftest gir dårlige spredningsforhold for luftforurensninger.

Typiske trekk for de ulike stabilitetsklassene kan kort sammenfattes slik:

Ustabile atmosfæriske forhold forekommer oftest om dagen og sommeren ved klarvær og lave vindstyrker og når kald luft transporteres over varm sjø/land. Da vil bakken/sjøen varme opp det nederste luftlaget, og det dannes vertikale turbulente luftstrømmer som gir god vertikal spredning av utslippet.

Nøytrale atmosfæriske forhold forekommer ved høye og moderate vindstyrker og oftest ved overskyet vær. Høy vindstyrke og mindre oppvarming av bakken gir god horisontal og vertikal spredning. Høye vindstyrker danner turbulens ved friksjon med bakken, slik at luftlaget vil bli godt blandet.

Stabile atmosfæriske forhold er typisk for stille, klare netter og vintersituasjoner med avkjøling av bakken og det nederste luftlaget, eller når atmosfæren avkjøles nedenfra på grunn av kald sjø. Temperaturen øker med høyden over bakken, og dette gir dårlig vertikalspredning i det stabile luftlaget.

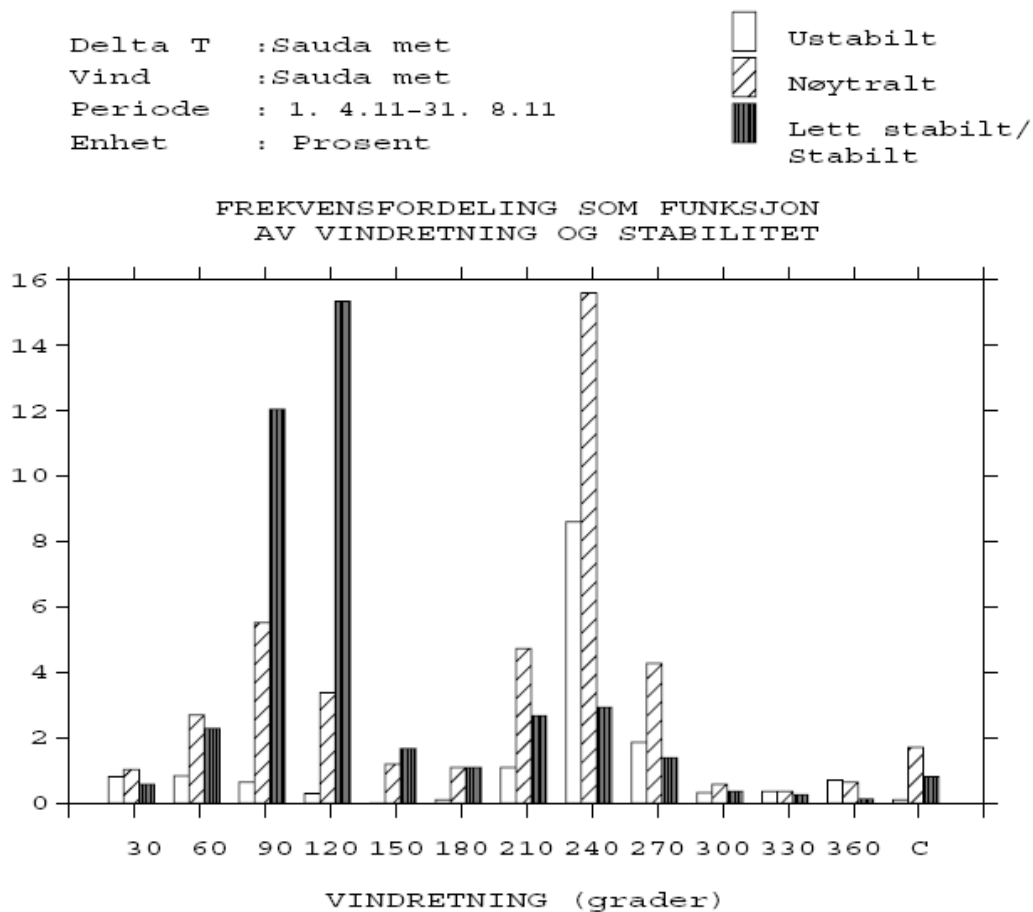
Tabell 4: Forekomst av fire stabilitetsklasser på Sauda i perioden 01.04.-31.08.2011. Enhet %.

Måned	Ustabile forhold $\Delta T < -0,5^{\circ}\text{C}$	Nøytrale forhold $-0,5^{\circ}\text{C} \leq \Delta T < 0^{\circ}\text{C}$	Lett stabile forhold $0^{\circ}\text{C} \leq \Delta T < 0,5^{\circ}\text{C}$	Stabile forhold $0,5^{\circ}\text{C} \leq \Delta T$	Sum lett stabile og stabile forhold
2011					
April	19,4	24,3	47,9	8,3	56,2
Mai	21,8	66,4	10,4	1,4	11,8
Juni	15,6	54,2	24,1	6,1	30,2
Juli	14,9	43,4	32,1	9,5	41,6
August	8,1	38,2	37,5	16,3	53,8
Totalt	15,4	42,9	32,6	9,1	41,7

Tabell 4 viser at forekomst av nøytral temperatursjiktning var høy i hele perioden, slik det også var i fjorårets måleserie. Ustabil temperatursjiktning økte fra 19,4% i april til 21,8% i mai, for deretter å avta hele sommeren til 8,1% i august. Den samme trenden forekom også i fjorårets måleserie.

Stabile atmosfæriske forhold som fører til dårlig spredning av forurensninger, ble oftest observert ved vind fra øst. Stabile forhold ble observert 41,7% av måleperioden. De samme forhold ble observert ved fjorårets måleserie.

Stabilitetsdata finnes i Vedlegg C. Statistisk bearbeidelse av samtidige data for vind og stabilitet er gitt i Vedlegg D. Forekomst av ustabil, nøytral, stabil og lett stabil sjiktning fordelt på vindretning i 12 vindsektorer er vist i Figur 4.



Figur 4: Frekvens av ustabil, nøytral og stabil (og lett stabil) sjiktning fordelt på vindretning i 12 vindsektorer i Sauda i perioden 01.04.-31.08.2011.

Figuren viser at stabile atmosfæriske forhold oftest ble observert ved vind fra øst og sør-øst, under forhold med drenasjevind eller fralandsvind.

### 4.3 Temperatur

Månedsmiddeltemperaturene i Sauda i perioden 01.04.-31.08.2011 er vist i Tabell 5.

Tabell 5: Månedsmiddeltemperaturer i Sauda i perioden 01.04.-31.08.2010.  
Enhet: °C.

Måned 2011	Månedsmiddel Temperatur	Maksimum		Minimum	
		Temperatur	Tid	Temperatur	Tid
April	4,3	8,1	04. kl 15	-10,3	03. kl 04
Mai	-	-	-	-	-
Juni	13,1	21,0	16. kl 15	6,4	16. kl 05
Juli	16,1	24,8	14. kl 17	8,2	13. kl 05
August	14,7	23,2	03. kl 17	6,4	11. kl 05

## 5 Svevestøvmålinger

Det er utført kontinuerlige timemidlete målinger av svevestøv (PM<sub>10</sub>=partikler med diameter mindre enn 10 µm) på en stasjon ved bedriften (se Figur 1):

1. Søndenaia, nordøst for bedriften

NILU har sammenlignet måleresultatene med grenseverdiene i forskriftene til luftkvalitet fastsatt ved Kgl. Res. 4. oktober 2002 og nasjonalt mål for luftkvalitet.

Luftkvaliteten i et område vurderes ved å sammenligne målinger eller beregninger av konsentrasjoner av luftforurensning med grenseverdier sett ut fra virkning på helse og/eller vegetasjon. Begrepene grenseverdi og Nasjonalt mål er tallverdier for forurensningsgrad. Grenseverdier er juridisk bindende, men Nasjonalt mål er en målsetning.

Tabell 6 viser grenseverdier og nasjonalt mål for luftkvalitet.

Tabell 6: Grenseverdier og nasjonalt mål for luftkvalitet. Tallene i parentes viser hvor mange ganger grenseverdien tillates overskredet hvert år.

Komponent	Enhet	Midlingstid	Norske grenseverdier	Nasjonalt mål
PM <sub>10</sub>	µg/m <sup>3</sup>	Døgn År	<b>50 (35)</b> <b>40</b>	50 (7)

Måleresultatene er vist i tabellform i Vedlegg F.

Tabell 7 viser middelkonsentrasjon, høyeste døgnmiddel og antall overskridelser for hver måned. Det ble observert totalt 2 overskridelser av døgnmidlet grenseverdi i denne måleperioden.



Tabell 7: Sammendrag av måleresultater for svevestøv ( $PM_{10}$ ). Enhet:  $\mu\text{g}/\text{m}^3$ .

Måned 2011	Døgnmiddel		# døgn større enn 50 $\mu\text{g}/\text{m}^3$
	Middelverdi	Maksimalverdi	
April	23,2	44,8	0
Mai	17,6	94,4	1
Juni	18,9	48,0	0
Juli	16,3	51,1	1
August	14,5	35,1	0

## 6 Metallanalyser

NILU har tidligere målt konsentrasjoner av ulike elementer (metaller) fra bedriftens utslipp fra eksisterende anlegg (Haugsbakk, 2009, 2010a, 2010b, 2011; Haugsbakk & Tønnesen, 2011). I Tabell 8 har vi sammenlignet alle målinger foretatt i hele måleperioden 2008-2011. Alle måleresultater for denne måleperioden finnes i vedlegg G, og er hentet fra Stasjonen Søndenaia.

Tabell 8: Sammenligning mellom målte maksimalverdier i 2008/09, apr-sep 2009, okt-2009-mars 2010, apr-sep 2010, okt 2010 – mar 2011 og apr – aug 2011 av ulike metaller. Enhet  $\text{ng}/\text{m}^3$ .

Metall	Målte maksimalverdier mars – august 2011	Målte maksimalverdier oktober 2010-mars 2011	Målte maksimalverdier april-september 2010	Målte maksimalverdier oktober 2009-mars 2010	Målte maksimalverdier* april-september 2009	Målte maksimalverdier oktober 2008-mars 2009
As	1,14	2,41	2,00	2,53	2,06 (1123)	6,00
Cd	1,10	0,84	2,13	1,73	0,53 (678)	20,31
Cr	3,71	2,66	4,63	7,89	32,46 (304)	6,56
Cu	3,62	2,83	3,99	5,96	4,11 (1821)	6,80
Hg	12,61	39,93	36,81	101,13	33,45 (49390)	95,78
Pb	25,06	24,44	16,55	197,52	9,03 (6968)	29,63
Mn	2144,87	1580,39	1 515,99	5 249,68	4 199,60 (463372)	2 749,18
Mo	0,24	0,25	0,24	0,08	0,21	0,23
Zn	37,06	62,68	100,59	144,05	76,01 (48443)	169,55
Ni	2,85	2,18	2,95	4,79	15,70	3,66
Co	2,24	1,19	2,22	4,31	5,26 (184)	2,10

\*Resultatene fra 25. august 2009 var svært høye og er satt i parentes. Vi velger å tro at det den dagen skjedde noe usedvanlig eller at denne prøven er utsatt for noe spesielt.

Tabell 9 viser middelverdier for hele perioden.

Tabell 9: Middelverdier ( $\text{ng}/\text{m}^3$ ) av alle metaller i hele måleperioden 01.04.-31.08.2011.

	As	Cd	Cr	Cu	Hg	Pb	Mn	Mo	Zn	Ni	Co
Middelverdi	0,39	0,11	0,41	1,34	5,27	6,32	715,4	0,06	14,91	0,87	0,70

Det er ikke noe som tyder på andre kilder enn Eramet til forhøyede verdier av de ulike målte komponenter. Måleverdiene varierer også til dels mye. Dette kan forklares med en kombinasjon av vindforhold og variasjoner i aktivitet ved Eramet.

EU har "target values" som årsmiddel for tre metaller, verdier som ikke bør overskrides som årsmiddel:

As:	6 ng/m <sup>3</sup>
Cd	5 ng/m <sup>3</sup>
Ni:	20 ng/m <sup>3</sup>

Norsk grenseverdi for bly som årsmiddel er: Pb: 500 ng/m<sup>3</sup>.  
WHO's retningslinje for Mn som årsmiddel er: Mn: 1000 ng/m<sup>3</sup>.

Måleresultatene viste i denne perioden en nedgang for de fleste målte parametre. Målingene for Mangan i perioden april-august 2011 viser maksimale døgnverdier som er 1,5 ganger så høye som WHO's retningslinjer for årsmiddel. Siden middelverdien for alle prøvene i 6 -månedersperioden er 715 ng/m<sup>3</sup> tyder dette på at WHO's retningslinjer for årsmiddel på 1000 ng/m<sup>3</sup> vil overholdes.

Vedlegg G inneholder alle resultater fra metallanalysene. Måleresultatene viser at det ikke er grunnlag for å anta at det vil bli overskridelser av noen grenseverdier og retningslinjer for de aktuelle komponentene. Målingene er sammenlignet med målinger foretatt på bakgrunnsstasjonen på Birkenes (Aas et al., 2010). Konsentrasjonsnivået i Sauda er en del høyere enn på bakgrunnsstasjonen på Birkenes, men konsentrasjonsnivået i Sauda er under gjeldende grenseverdier.

Mangan skiller seg som forventet ut med relativt høye verdier. Vi har ikke andre sammenlignbare målinger fra andre steder i Norge, men det er svært lite sannsynlig at så høye verdier vil forekomme andre steder.

Dersom konsentrasjonsnivået er høyt, vil det være naturlig å vurdere om andre kilder kan ha vært bidragsyttere til de forhøyede konsentrasjonene. Vi kan ikke se at det finnes andre vesentlige bidragsyttere enn Eramet til forhøyet nivå av de aktuelle komponenter i Sauda.

## 7 Konklusjon

NILU - Norsk institutt for luftforskning utfører på oppdrag fra Sauda kommune et måleprogram med meteorologi (vind, temperatur og stabilitet), luftkvalitet (PM<sub>10</sub>) og metallanalyse av utvalgte filter fra svevestøvmålinger i Sauda. Denne rapporten er en delrapport for perioden 01.04.-31.08.2011.

De meteorologiske data gav dominerende vind opp og ned dalen som var et generelt trekk for hele regionen i denne perioden. Dette gir belastning mot stasjonen som er ganske lik sommeren 2010.

På målestasjon Søndenaia ble det i hele måleperioden registrert 2 overskridelser av grenseverdien for svevestøv (PM<sub>10</sub>), på henholdsvis 51,1- og 94,4 µg/m<sup>3</sup>.

Metallanalysene viste i denne perioden en nedgang for tre av de målte parametre og en økning for de øvrige. Det ble målt relativt høye konsentrasjoner av mangan (Mn). For denne parameteren var det en økning i nivået sammenlignet med

målinger i de to forrige halvårsrapporter. Det er imidlertid ikke sannsynlig at konsentrasjonen av noen av de målte metaller vil overskride grenseverdier for luftkvalitet som årsmiddel.

## 8 Referanser

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## **Vedlegg A**

### **Synoptisk listing av måleresultatene**



PERIODE: 1/ 4 2011 - 30/ 4 2011

Par. 1: T-2m , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 2: T(10-, Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 3: FF , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 4: Gust , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 5: DD , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 6: PM10S, Stasjon 1661, Søndenaålia (saud, Skal.faktor: 1.000

				T-2m	T(10-2m)	FF	Gust	DD	PM10Son
				grader	grader	m/s	m/s	degrad	ug/m3
2011	4	1	1	-9900.0	0.4	0.8	2.5	14.	3.0
2011	4	1	2	-9900.0	0.6	0.5	1.6	13.	4.0
2011	4	1	3	-9900.0	0.4	0.6	1.6	16.	5.0
2011	4	1	4	-9900.0	0.4	1.1	2.2	12.	7.0
2011	4	1	5	-9900.0	0.3	0.8	1.9	10.	4.0
2011	4	1	6	-9900.0	0.3	0.7	1.9	12.	2.0
2011	4	1	7	-9900.0	0.1	0.9	2.2	11.	5.0
2011	4	1	8	-9900.0	0.2	0.7	2.2	11.	6.0
2011	4	1	9	-9900.0	0.1	0.5	1.6	11.	13.0
2011	4	1	10	-9900.0	0.1	1.1	2.5	12.	16.0
2011	4	1	11	-9900.0	0.1	0.4	1.9	22.	17.0
2011	4	1	12	-9900.0	0.1	0.8	1.9	1011.	32.0
2011	4	1	13	-9900.0	0.1	0.7	1.6	9.	31.0
2011	4	1	14	-9900.0	-0.1	0.9	2.2	23.	38.0
2011	4	1	15	-9900.0	-0.1	0.7	2.5	1022.	28.0
2011	4	1	16	-9900.0	-0.1	0.4	1.9	23.	43.0
2011	4	1	17	-9900.0	0.2	1.0	2.2	1020.	45.0
2011	4	1	18	-9900.0	0.1	0.7	1.9	21.	46.0
2011	4	1	19	-9900.0	0.5	1.0	1.9	13.	40.0
2011	4	1	20	-9900.0	0.4	0.8	2.2	12.	25.0
2011	4	1	21	-9900.0	0.2	1.0	1.9	11.	19.0
2011	4	1	22	-9900.0	0.4	1.0	2.2	12.	19.0
2011	4	1	23	-9900.0	0.3	0.9	2.2	12.	11.0
2011	4	1	24	-9900.0	0.3	1.0	2.5	12.	10.0
2011	4	2	1	-9900.0	0.4	0.6	2.2	8.	11.0
2011	4	2	2	-9900.0	0.2	1.1	3.7	10.	2.0
2011	4	2	3	-9900.0	0.1	1.3	3.4	14.	1.0
2011	4	2	4	-9900.0	0.1	1.1	3.1	1006.	3.0
2011	4	2	5	-9900.0	0.1	1.1	3.7	1019.	9.0
2011	4	2	6	-9900.0	0.2	0.9	3.7	7.	4.0
2011	4	2	7	-9900.0	0.3	1.1	2.8	11.	6.0
2011	4	2	8	-9900.0	0.2	1.0	3.4	12.	10.0
2011	4	2	9	-9900.0	0.3	0.9	2.2	11.	16.0
2011	4	2	10	-9900.0	0.1	0.7	1.9	19.	11.0
2011	4	2	11	-9900.0	0.1	1.0	2.8	1012.	15.0
2011	4	2	12	-9900.0	0.1	0.7	2.5	1024.	46.0
2011	4	2	13	-9900.0	0.2	2.0	5.0	1010.	49.0
2011	4	2	14	-9900.0	0.1	1.1	3.4	1010.	13.0
2011	4	2	15	-9900.0	-0.1	0.9	2.5	20.	23.0
2011	4	2	16	-9900.0	0.1	1.1	3.7	1013.	36.0
2011	4	2	17	-9900.0	0.5	1.6	2.8	1011.	53.0
2011	4	2	18	-9900.0	0.3	1.2	3.1	1011.	55.0
2011	4	2	19	-9900.0	0.4	2.0	7.1	22.	64.0
2011	4	2	20	-9900.0	0.8	1.5	4.0	12.	8.0
2011	4	2	21	-9900.0	0.5	1.7	9.6	10.	40.0
2011	4	2	22	-9900.0	0.3	3.1	9.6	1025.	20.0

2011	4	2	23	-9900.0	0.6	1.6	2.8	11.	0.0
2011	4	2	24	-9900.0	0.5	1.1	2.5	12.	14.0
2011	4	3	1	-7.1	0.4	1.3	2.8	10.	3.0
2011	4	3	2	-4.6	0.4	1.2	2.2	12.	2.0
2011	4	3	3	-4.3	0.4	1.3	2.2	12.	2.0
2011	4	3	4	-10.3	0.4	0.6	2.2	13.	1.0
2011	4	3	5	-8.5	0.5	0.8	1.9	13.	3.0
2011	4	3	6	-7.3	0.3	0.9	1.9	12.	1.0
2011	4	3	7	-6.0	0.3	0.8	1.9	12.	4.0
2011	4	3	8	-4.4	0.3	0.6	1.9	12.	3.0
2011	4	3	9	-3.6	0.3	0.4	1.2	2012.	5.0
2011	4	3	10	-2.4	0.1	0.4	1.6	13.	2.0
2011	4	3	11	-4.8	0.0	0.6	1.6	16.	9.0
2011	4	3	12	-6.4	-0.1	1.1	3.1	23.	29.0
2011	4	3	13	-10.2	-0.1	0.7	3.1	24.	21.0
2011	4	3	14	-1.5	-0.1	0.6	1.9	24.	14.0
2011	4	3	15	4.1	0.1	0.8	1.6	24.	27.0
2011	4	3	16	5.0	0.4	0.5	3.1	24.	27.0
2011	4	3	17	5.2	0.3	1.2	2.8	1022.	32.0
2011	4	3	18	1.9	0.5	1.2	2.5	10.	25.0
2011	4	3	19	-0.7	0.4	0.9	2.2	12.	19.0
2011	4	3	20	1.3	0.4	1.3	2.5	12.	17.0
2011	4	3	21	0.5	0.3	0.9	1.9	14.	12.0
2011	4	3	22	4.7	0.3	1.0	2.2	10.	16.0
2011	4	3	23	4.3	0.1	1.2	2.5	10.	8.0
2011	4	3	24	4.4	0.2	0.6	1.9	8.	3.0
2011	4	4	1	4.4	0.2	1.2	2.8	9.	2.0
2011	4	4	2	4.4	0.2	0.8	1.9	8.	3.0
2011	4	4	3	4.7	0.3	1.2	2.5	10.	8.0
2011	4	4	4	4.8	0.2	1.2	2.8	9.	13.0
2011	4	4	5	4.7	0.3	1.3	3.1	11.	11.0
2011	4	4	6	4.4	0.3	0.8	2.2	10.	7.0
2011	4	4	7	4.3	0.1	1.4	4.7	1009.	12.0
2011	4	4	8	4.7	0.2	1.7	3.4	10.	20.0
2011	4	4	9	4.9	0.3	1.4	2.5	11.	22.0
2011	4	4	10	6.0	0.2	1.9	5.9	1012.	24.0
2011	4	4	11	7.0	-0.1	2.9	6.8	23.	12.0
2011	4	4	12	7.5	-0.1	3.0	7.1	23.	7.0
2011	4	4	13	7.2	0.0	3.6	8.4	23.	34.0
2011	4	4	14	7.7	0.0	3.8	8.1	24.	12.0
2011	4	4	15	8.1	-0.1	4.0	8.1	24.	10.0
2011	4	4	16	7.8	-0.1	4.6	9.3	24.	16.0
2011	4	4	17	7.5	-0.1	4.9	9.9	24.	25.0
2011	4	4	18	7.0	-0.1	4.7	11.2	25.	33.0
2011	4	4	19	6.7	0.0	3.3	8.1	24.	36.0
2011	4	4	20	6.4	0.0	3.6	8.1	24.	38.0
2011	4	4	21	5.6	0.2	1.7	5.9	24.	35.0
2011	4	4	22	5.4	0.2	1.8	6.2	24.	29.0
2011	4	4	23	4.6	0.3	1.5	2.8	12.	6.0
2011	4	4	24	4.1	0.2	1.2	2.5	11.	19.0
2011	4	5	1	3.6	0.1	1.0	1.9	11.	2.0
2011	4	5	2	3.3	0.2	1.2	2.5	11.	6.0
2011	4	5	3	2.8	0.2	1.3	2.5	10.	1.0
2011	4	5	4	2.8	0.1	0.8	1.9	12.	3.0
2011	4	5	5	2.7	0.1	0.5	1.9	12.	3.0
2011	4	5	6	2.8	0.1	0.8	1.9	12.	0.0
2011	4	5	7	3.0	0.1	0.4	1.9	2012.	2.0
2011	4	5	8	3.2	0.0	1.5	3.1	1010.	7.0



2011	4	5	9	3.6	0.0	1.7	4.0	1010.	17.0
2011	4	5	10	4.0	0.0	1.0	3.4	12.	10.0
2011	4	5	11	4.1	0.0	0.9	2.8	1010.	13.0
2011	4	5	12	4.3	0.0	1.7	5.6	1022.	32.0
2011	4	5	13	4.8	0.1	1.4	2.8	8.	27.0
2011	4	5	14	5.4	0.1	0.5	1.6	7.	22.0
2011	4	5	15	5.3	0.0	1.0	3.1	7.	26.0
2011	4	5	16	5.8	0.3	1.7	3.1	11.	23.0
2011	4	5	17	5.7	0.3	2.0	4.7	11.	27.0
2011	4	5	18	5.9	0.3	1.7	3.4	11.	15.0
2011	4	5	19	5.8	0.5	1.5	3.4	12.	26.0
2011	4	5	20	5.5	0.3	1.6	3.4	10.	22.0
2011	4	5	21	5.2	0.3	1.3	2.8	11.	19.0
2011	4	5	22	5.2	0.3	1.4	3.4	11.	17.0
2011	4	5	23	5.0	0.3	1.2	2.5	12.	9.0
2011	4	5	24	4.9	0.2	1.3	2.8	12.	6.0
2011	4	6	1	4.8	0.2	1.3	3.1	10.	2.0
2011	4	6	2	4.7	0.2	0.9	2.5	12.	3.0
2011	4	6	3	4.7	0.4	0.8	1.9	12.	1.0
2011	4	6	4	4.5	0.4	0.8	2.5	12.	2.0
2011	4	6	5	4.5	0.3	1.2	2.5	11.	1.0
2011	4	6	6	4.3	0.2	0.7	2.2	11.	1.0
2011	4	6	7	4.3	0.3	0.8	1.9	9.	1.0
2011	4	6	8	4.5	0.3	1.2	2.5	10.	8.0
2011	4	6	9	4.5	0.2	1.0	2.8	11.	8.0
2011	4	6	10	4.9	0.2	1.1	3.4	11.	11.0
2011	4	6	11	5.4	0.2	0.7	2.5	12.	5.0
2011	4	6	12	5.6	0.2	1.2	2.5	11.	10.0
2011	4	6	13	5.9	0.2	1.0	2.5	11.	17.0
2011	4	6	14	6.2	0.2	1.1	2.2	10.	13.0
2011	4	6	15	6.4	0.0	1.1	2.5	10.	5.0
2011	4	6	16	7.2	0.2	0.6	1.6	10.	11.0
2011	4	6	17	7.4	0.5	0.6	1.6	11.	17.0
2011	4	6	18	6.8	0.4	0.6	1.9	11.	15.0
2011	4	6	19	5.8	0.4	0.5	1.6	11.	17.0
2011	4	6	20	5.1	0.3	1.1	2.2	11.	14.0
2011	4	6	21	4.8	0.3	0.9	1.9	11.	16.0
2011	4	6	22	4.5	0.2	1.0	3.1	11.	8.0
2011	4	6	23	4.4	0.3	0.8	1.9	10.	6.0
2011	4	6	24	4.4	0.2	0.8	3.4	8.	6.0
2011	4	7	1	7.8	0.1	6.0	15.2	26.	36.0
2011	4	7	2	7.5	0.0	4.9	14.6	25.	3.0
2011	4	7	3	7.2	0.0	3.8	8.4	24.	6.0
2011	4	7	4	7.1	0.1	4.5	10.9	25.	7.0
2011	4	7	5	7.5	0.0	6.2	15.2	25.	14.0
2011	4	7	6	6.9	0.0	4.9	13.4	26.	22.0
2011	4	7	7	6.8	0.1	3.8	12.7	24.	23.0
2011	4	7	8	7.0	0.0	3.1	8.4	26.	23.0
2011	4	7	9	7.1	0.0	5.4	10.9	26.	17.0
2011	4	7	10	7.1	0.0	6.2	13.1	26.	24.0
2011	4	7	11	7.5	-0.1	5.9	13.1	27.	5.0
2011	4	7	12	7.0	-0.1	5.7	16.2	27.	14.0
2011	4	7	13	7.2	-0.1	6.6	15.2	26.	21.0
2011	4	7	14	6.9	-0.1	6.9	14.0	26.	18.0
2011	4	7	15	6.3	-0.1	5.4	13.7	26.	19.0
2011	4	7	16	6.1	-0.1	2.8	9.6	23.	11.0
2011	4	7	17	7.4	-0.1	6.9	14.6	26.	8.0
2011	4	7	18	7.8	-0.1	6.8	16.5	26.	22.0
2011	4	7	19	6.8	0.0	3.0	15.2	24.	23.0

2011	4	7	20	5.9	0.1	1.7	5.6	20.	17.0
2011	4	7	21	6.5	0.0	3.0	12.1	21.	11.0
2011	4	7	22	6.6	0.0	2.5	8.7	20.	2.0
2011	4	7	23	5.9	0.2	1.5	5.0	21.	10.0
2011	4	7	24	4.9	0.3	1.2	3.1	1015.	11.0
2011	4	8	1	3.4	0.2	2.0	4.0	11.	2.0
2011	4	8	2	2.7	0.2	2.4	4.4	10.	3.0
2011	4	8	3	1.9	0.1	2.0	4.0	10.	1.0
2011	4	8	4	1.8	0.1	2.1	3.7	10.	3.0
2011	4	8	5	3.9	0.2	1.2	3.4	1006.	3.0
2011	4	8	6	6.6	0.0	4.5	9.0	25.	9.0
2011	4	8	7	7.9	0.0	6.6	14.0	25.	2.0
2011	4	8	8	8.0	0.0	7.4	13.4	25.	28.0
2011	4	8	9	8.0	0.0	7.2	15.9	25.	24.0
2011	4	8	10	7.8	-0.1	5.8	13.4	25.	25.0
2011	4	8	11	8.1	-0.1	6.6	15.9	26.	48.0
2011	4	8	12	6.9	-0.1	5.3	13.4	26.	20.0
2011	4	8	13	6.9	-0.1	4.0	13.4	26.	27.0
2011	4	8	14	6.9	-0.1	3.9	12.4	25.	28.0
2011	4	8	15	7.9	-0.2	4.5	10.6	27.	22.0
2011	4	8	16	8.1	-0.2	4.0	12.1	29.	25.0
2011	4	8	17	6.0	-0.3	2.9	11.5	33.	21.0
2011	4	8	18	6.4	-0.3	3.0	15.2	34.	19.0
2011	4	8	19	4.6	-0.2	3.9	19.9	1028.	26.0
2011	4	8	20	-9900.0	-0.1	2.6	12.1	1029.	25.0
2011	4	8	21	-9900.0	0.0	1.9	7.5	1017.	23.0
2011	4	8	22	-9900.0	0.1	2.1	6.2	18.	17.0
2011	4	8	23	-9900.0	0.2	2.6	9.3	11.	8.0
2011	4	8	24	-9900.0	0.3	1.5	4.0	13.	22.0
2011	4	9	1	-9900.0	0.3	1.3	5.6	1021.	32.0
2011	4	9	2	-9900.0	0.2	1.4	5.3	19.	18.0
2011	4	9	3	-9900.0	0.1	1.4	5.0	21.	14.0
2011	4	9	4	-9900.0	0.4	1.2	3.4	1021.	15.0
2011	4	9	5	-9900.0	0.2	1.9	4.4	10.	11.0
2011	4	9	6	-9900.0	0.4	1.3	3.4	10.	10.0
2011	4	9	7	-9900.0	0.4	1.1	3.4	10.	12.0
2011	4	9	8	-9900.0	0.3	1.3	2.5	10.	3.0
2011	4	9	9	-9900.0	0.4	1.1	2.2	12.	-9900.0
2011	4	9	10	-9900.0	-0.2	1.0	2.2	20.	6.0
2011	4	9	11	-9900.0	-0.3	1.1	2.8	23.	20.0
2011	4	9	12	-9900.0	-0.3	1.4	2.8	24.	30.0
2011	4	9	13	-9900.0	-0.3	1.5	2.8	24.	42.0
2011	4	9	14	-9900.0	-0.4	1.7	2.8	24.	42.0
2011	4	9	15	-9900.0	-0.5	1.8	3.1	24.	48.0
2011	4	9	16	-9900.0	-0.5	1.7	3.7	24.	40.0
2011	4	9	17	-9900.0	-0.6	1.2	3.1	30.	33.0
2011	4	9	18	-9900.0	-0.5	1.4	3.4	3.	24.0
2011	4	9	19	-9900.0	-0.3	1.5	3.7	4.	36.0
2011	4	9	20	-9900.0	0.3	1.1	2.5	6.	68.0
2011	4	9	21	-9900.0	0.4	1.2	2.5	11.	30.0
2011	4	9	22	-9900.0	0.6	1.3	2.8	10.	21.0
2011	4	9	23	-9900.0	0.6	1.0	2.2	10.	13.0
2011	4	9	24	-9900.0	0.5	1.0	2.2	12.	9.0

2011	4	10	1	-9900.0	0.3	1.4	2.8	1012.	13.0
2011	4	10	2	-9900.0	0.3	1.0	2.5	13.	12.0
2011	4	10	3	-9900.0	0.3	0.8	2.5	12.	8.0
2011	4	10	4	-9900.0	0.4	0.8	1.9	12.	12.0
2011	4	10	5	-9900.0	0.3	1.0	2.5	1022.	13.0
2011	4	10	6	-9900.0	0.3	1.1	2.2	12.	16.0
2011	4	10	7	-9900.0	0.2	1.2	2.5	11.	11.0
2011	4	10	8	-9900.0	0.3	0.6	1.6	12.	6.0
2011	4	10	9	-9900.0	0.0	0.6	1.9	16.	2.0
2011	4	10	10	-9900.0	-0.2	0.9	1.9	17.	1.0
2011	4	10	11	-9900.0	-0.3	1.5	2.5	23.	36.0
2011	4	10	12	-9900.0	-0.4	1.1	2.5	24.	33.0
2011	4	10	13	-9900.0	-0.4	1.1	2.5	24.	42.0
2011	4	10	14	-9900.0	-0.4	1.3	2.5	23.	65.0
2011	4	10	15	-9900.0	-0.5	1.2	2.8	23.	59.0
2011	4	10	16	-9900.0	-0.5	1.3	4.0	26.	46.0
2011	4	10	17	-9900.0	-0.6	1.7	5.0	2.	41.0
2011	4	10	18	-9900.0	-0.4	1.2	3.1	3.	63.0
2011	4	10	19	-9900.0	0.1	0.9	2.2	5.	45.0
2011	4	10	20	-9900.0	0.8	1.4	2.8	10.	50.0
2011	4	10	21	-9900.0	0.8	1.1	2.5	11.	35.0
2011	4	10	22	-9900.0	0.8	1.0	2.5	12.	28.0
2011	4	10	23	-9900.0	0.5	1.5	2.8	10.	11.0
2011	4	10	24	-9900.0	0.6	1.1	2.5	10.	12.0
2011	4	11	1	-9900.0	0.6	1.1	2.8	12.	17.0
2011	4	11	2	-9900.0	0.6	1.0	1.9	11.	11.0
2011	4	11	3	-9900.0	0.6	0.8	1.9	11.	6.0
2011	4	11	4	-9900.0	0.5	0.7	1.9	11.	8.0
2011	4	11	5	-9900.0	0.2	1.1	2.8	11.	1.0
2011	4	11	6	-9900.0	0.2	0.7	1.9	10.	10.0
2011	4	11	7	-9900.0	0.2	1.0	2.2	11.	36.0
2011	4	11	8	-9900.0	0.0	0.3	1.6	17.	55.0
2011	4	11	9	-9900.0	-0.2	0.6	1.6	15.	56.0
2011	4	11	10	-9900.0	-0.3	1.0	2.2	20.	29.0
2011	4	11	11	-9900.0	-0.4	1.6	2.5	24.	107.0
2011	4	11	12	-9900.0	-0.4	1.1	2.8	23.	67.0
2011	4	11	13	-9900.0	-0.5	1.1	2.5	24.	95.0
2011	4	11	14	-9900.0	-0.4	1.4	2.5	23.	97.0
2011	4	11	15	-9900.0	-0.6	1.4	2.8	24.	53.0
2011	4	11	16	-9900.0	-0.9	2.0	4.4	34.	40.0
2011	4	11	17	-9900.0	-0.6	1.9	5.3	36.	39.0
2011	4	11	18	-9900.0	-0.5	1.6	4.4	1.	58.0
2011	4	11	19	-9900.0	-0.1	1.1	2.5	4.	60.0
2011	4	11	20	-9900.0	0.0	0.9	3.7	1005.	50.0
2011	4	11	21	-9900.0	-0.2	4.3	8.7	23.	77.0
2011	4	11	22	-9900.0	-0.1	1.1	3.4	12.	43.0
2011	4	11	23	-9900.0	-0.1	0.8	3.1	23.	33.0
2011	4	11	24	-9900.0	-0.1	1.2	2.8	11.	27.0
2011	4	12	1	-9900.0	-0.1	1.2	2.5	12.	17.0
2011	4	12	2	-9900.0	0.1	1.2	2.8	1013.	9.0
2011	4	12	3	-9900.0	0.1	1.2	5.6	1019.	1.0
2011	4	12	4	-9900.0	0.1	1.4	4.0	1016.	0.0
2011	4	12	5	-9900.0	0.1	1.9	5.6	12.	3.0
2011	4	12	6	-9900.0	0.1	2.7	10.3	1026.	0.0
2011	4	12	7	-9900.0	0.0	2.5	9.6	1030.	0.0
2011	4	12	8	-9900.0	-0.1	2.4	8.4	6.	1.0
2011	4	12	9	-9900.0	-0.1	1.8	8.1	1009.	4.0

2011	4	12	10	-9900.0	-0.2	2.1	7.1	1000.	3.0
2011	4	12	11	-9900.0	-0.4	2.0	7.5	1.	5.0
2011	4	12	12	-9900.0	-0.4	1.9	6.5	2.	13.0
2011	4	12	13	-9900.0	-0.4	1.8	5.3	1035.	19.0
2011	4	12	14	-9900.0	-0.5	2.1	6.8	1.	14.0
2011	4	12	15	-9900.0	-0.5	2.8	8.7	0.	13.0
2011	4	12	16	-9900.0	-0.5	2.1	5.9	2.	13.0
2011	4	12	17	-9900.0	-0.7	2.3	6.2	28.	20.0
2011	4	12	18	-9900.0	-0.5	1.8	5.3	23.	32.0
2011	4	12	19	-9900.0	-0.3	2.0	5.6	20.	22.0
2011	4	12	20	-9900.0	-0.2	1.1	3.1	1027.	24.0
2011	4	12	21	-9900.0	0.2	1.1	3.4	14.	42.0
2011	4	12	22	-9900.0	0.2	1.3	3.7	1009.	22.0
2011	4	12	23	-9900.0	0.3	1.9	4.4	10.	16.0
2011	4	12	24	-9900.0	0.2	2.0	4.7	10.	9.0
2011	4	13	1	-9900.0	0.2	1.8	5.0	10.	12.0
2011	4	13	2	-9900.0	0.3	1.6	3.7	10.	13.0
2011	4	13	3	-9900.0	0.6	1.0	2.2	11.	15.0
2011	4	13	4	-9900.0	0.5	1.5	2.8	9.	13.0
2011	4	13	5	-9900.0	0.5	1.5	2.8	11.	9.0
2011	4	13	6	-9900.0	0.3	1.2	2.5	9.	13.0
2011	4	13	7	-9900.0	0.4	1.0	2.5	11.	30.0
2011	4	13	8	-9900.0	0.3	0.8	2.2	12.	43.0
2011	4	13	9	-9900.0	0.2	0.6	1.9	12.	4.0
2011	4	13	10	-9900.0	-0.3	1.0	2.2	21.	33.0
2011	4	13	11	-9900.0	-0.4	1.3	2.5	23.	42.0
2011	4	13	12	-9900.0	-0.5	1.6	2.8	24.	37.0
2011	4	13	13	-9900.0	-0.6	2.0	3.4	24.	56.0
2011	4	13	14	-9900.0	-0.6	2.0	3.7	24.	38.0
2011	4	13	15	-9900.0	-0.6	2.2	4.0	24.	28.0
2011	4	13	16	-9900.0	-0.8	2.1	4.4	25.	21.0
2011	4	13	17	-9900.0	-0.8	1.5	4.0	4.	14.0
2011	4	13	18	-9900.0	-0.7	2.1	5.0	34.	28.0
2011	4	13	19	-9900.0	-0.7	1.9	4.4	30.	41.0
2011	4	13	20	-9900.0	-0.3	3.3	7.1	24.	50.0
2011	4	13	21	-9900.0	0.0	0.8	2.5	4.	41.0
2011	4	13	22	-9900.0	0.2	1.3	2.5	8.	23.0
2011	4	13	23	-9900.0	0.3	1.4	2.5	11.	21.0
2011	4	13	24	-9900.0	0.3	1.3	2.2	10.	4.0
2011	4	14	1	-9900.0	0.7	1.0	1.9	12.	23.0
2011	4	14	2	-9900.0	0.8	1.2	2.2	11.	14.0
2011	4	14	3	-9900.0	0.6	1.3	2.2	12.	8.0
2011	4	14	4	-9900.0	0.5	1.1	2.8	11.	11.0
2011	4	14	5	-9900.0	0.4	0.6	1.9	10.	10.0
2011	4	14	6	-9900.0	0.4	0.7	1.9	9.	15.0
2011	4	14	7	-9900.0	0.4	0.8	1.6	9.	62.0
2011	4	14	8	-9900.0	0.2	0.5	1.2	9.	74.0
2011	4	14	9	-9900.0	0.1	0.6	1.2	9.	36.0
2011	4	14	10	-9900.0	0.0	0.7	1.9	18.	38.0
2011	4	14	11	-9900.0	0.0	0.9	1.9	20.	75.0
2011	4	14	12	-9900.0	0.0	0.9	1.9	22.	81.0
2011	4	14	13	-9900.0	0.0	0.9	2.2	22.	68.0
2011	4	14	14	-9900.0	0.1	0.6	1.6	22.	47.0
2011	4	14	15	-9900.0	0.0	0.9	1.9	22.	36.0
2011	4	14	16	-9900.0	0.1	0.7	1.9	22.	42.0
2011	4	14	17	-9900.0	0.1	0.6	1.6	22.	57.0
2011	4	14	18	-9900.0	0.1	0.6	1.9	22.	55.0
2011	4	14	19	-9900.0	0.1	0.5	1.6	22.	50.0
2011	4	14	20	-9900.0	0.1	0.1	0.6	-9900.	54.0

2011	4	14	21	-9900.0	0.2	0.2	1.2	2023.	39.0
2011	4	14	22	-9900.0	0.2	0.5	1.2	22.	18.0
2011	4	14	23	-9900.0	0.2	0.3	1.2	2022.	15.0
2011	4	14	24	-9900.0	0.2	0.8	1.6	22.	3.0
2011	4	15	1	-9900.0	0.3	0.2	0.9	2019.	2.0
2011	4	15	2	-9900.0	0.2	0.8	1.9	16.	1.0
2011	4	15	3	-9900.0	0.3	0.5	1.2	12.	1.0
2011	4	15	4	-9900.0	0.2	0.8	1.6	12.	1.0
2011	4	15	5	-9900.0	0.3	0.3	1.2	2011.	0.0
2011	4	15	6	-9900.0	0.3	0.6	1.2	11.	2.0
2011	4	15	7	-9900.0	0.2	0.6	1.6	11.	2.0
2011	4	15	8	-9900.0	0.1	0.6	1.6	11.	2.0
2011	4	15	9	-9900.0	0.1	0.3	1.2	2011.	9.0
2011	4	15	10	-9900.0	0.1	0.3	1.2	2012.	7.0
2011	4	15	11	-9900.0	0.0	0.3	1.2	2012.	8.0
2011	4	15	12	-9900.0	0.0	1.1	2.5	24.	24.0
2011	4	15	13	-9900.0	0.0	0.5	1.6	25.	43.0
2011	4	15	14	-9900.0	0.0	0.7	1.6	25.	34.0
2011	4	15	15	-9900.0	0.0	0.9	2.2	25.	30.0
2011	4	15	16	-9900.0	0.0	0.5	1.6	25.	38.0
2011	4	15	17	-9900.0	0.0	0.6	1.6	1024.	42.0
2011	4	15	18	-9900.0	0.0	0.7	1.9	18.	26.0
2011	4	15	19	-9900.0	0.1	0.6	1.9	17.	22.0
2011	4	15	20	-9900.0	0.2	0.7	1.9	14.	16.0
2011	4	15	21	-9900.0	0.2	0.8	2.5	10.	7.0
2011	4	15	22	-9900.0	0.2	0.6	2.5	10.	8.0
2011	4	15	23	-9900.0	0.2	0.7	1.6	10.	14.0
2011	4	15	24	-9900.0	0.1	0.7	1.9	10.	8.0
2011	4	16	1	-9900.0	0.2	0.5	1.6	10.	11.0
2011	4	16	2	-9900.0	0.3	1.1	2.2	10.	12.0
2011	4	16	3	-9900.0	0.3	0.9	2.2	12.	10.0
2011	4	16	4	-9900.0	0.2	1.2	2.5	1007.	14.0
2011	4	16	5	-9900.0	0.2	0.9	2.2	8.	10.0
2011	4	16	6	-9900.0	0.2	0.9	2.5	9.	10.0
2011	4	16	7	-9900.0	0.2	1.5	2.5	10.	9.0
2011	4	16	8	-9900.0	0.2	0.9	2.2	11.	13.0
2011	4	16	9	-9900.0	0.1	0.9	1.9	9.	14.0
2011	4	16	10	-9900.0	0.0	0.6	1.6	9.	16.0
2011	4	16	11	-9900.0	0.0	0.5	1.9	9.	14.0
2011	4	16	12	-9900.0	-0.1	0.9	1.9	9.	14.0
2011	4	16	13	-9900.0	-0.2	0.5	1.9	8.	28.0
2011	4	16	14	-9900.0	-0.2	0.9	2.5	7.	30.0
2011	4	16	15	-9900.0	0.0	0.8	1.9	0.	38.0
2011	4	16	16	-9900.0	0.1	0.6	1.9	34.	37.0
2011	4	16	17	-9900.0	0.0	0.3	1.2	35.	39.0
2011	4	16	18	-9900.0	0.0	0.4	1.6	2034.	29.0
2011	4	16	19	-9900.0	0.0	0.4	1.9	35.	22.0
2011	4	16	20	-9900.0	0.1	0.9	2.8	0.	31.0
2011	4	16	21	-9900.0	0.2	1.0	3.1	1008.	14.0
2011	4	16	22	-9900.0	0.2	1.1	2.2	11.	10.0
2011	4	16	23	-9900.0	0.2	1.4	2.8	9.	12.0
2011	4	16	24	-9900.0	0.2	1.1	2.5	10.	9.0
2011	4	17	1	-9900.0	0.2	0.8	1.9	11.	5.0
2011	4	17	2	-9900.0	0.2	0.7	1.6	11.	4.0
2011	4	17	3	-9900.0	0.2	0.9	1.9	11.	3.0
2011	4	17	4	-9900.0	0.2	0.7	1.6	11.	2.0
2011	4	17	5	-9900.0	0.2	0.6	1.2	11.	3.0
2011	4	17	6	-9900.0	0.2	0.8	1.6	11.	2.0

2011	4	17	7	-9900.0	0.2	0.3	1.2	2011.	2.0
2011	4	17	8	-9900.0	0.1	0.4	1.2	11.	2.0
2011	4	17	9	-9900.0	0.1	0.6	1.6	11.	0.0
2011	4	17	10	-9900.0	0.0	0.3	1.2	2011.	3.0
2011	4	17	11	-9900.0	0.1	0.5	1.6	11.	0.0
2011	4	17	12	-9900.0	0.1	0.6	1.9	13.	8.0
2011	4	17	13	-9900.0	-0.2	0.3	0.9	2019.	7.0
2011	4	17	14	-9900.0	-0.3	0.6	1.6	1010.	6.0
2011	4	17	15	-9900.0	-0.3	0.5	1.6	9.	5.0
2011	4	17	16	-9900.0	-0.3	0.6	1.9	6.	11.0
2011	4	17	17	-9900.0	-0.4	0.5	2.2	0.	19.0
2011	4	17	18	-9900.0	-0.3	0.5	1.2	36.	28.0
2011	4	17	19	-9900.0	-0.2	0.9	2.5	1009.	14.0
2011	4	17	20	-9900.0	-0.2	1.2	2.8	8.	16.0
2011	4	17	21	-9900.0	-0.1	0.8	2.5	10.	17.0
2011	4	17	22	-9900.0	-0.1	1.1	1.9	10.	11.0
2011	4	17	23	-9900.0	-0.2	1.5	3.1	10.	12.0
2011	4	17	24	-9900.0	-0.1	0.9	2.2	11.	13.0
2011	4	18	1	-9900.0	-0.1	1.2	2.2	11.	11.0
2011	4	18	2	-9900.0	0.2	0.8	1.9	12.	13.0
2011	4	18	3	-9900.0	0.2	1.1	2.5	11.	11.0
2011	4	18	4	-9900.0	0.4	1.1	2.2	10.	11.0
2011	4	18	5	-9900.0	0.4	1.0	2.5	11.	7.0
2011	4	18	6	-9900.0	0.4	0.8	1.9	11.	11.0
2011	4	18	7	-9900.0	0.2	0.8	2.8	12.	6.0
2011	4	18	8	-9900.0	0.2	0.8	1.9	12.	22.0
2011	4	18	9	-9900.0	-0.1	0.9	1.9	1021.	4.0
2011	4	18	10	-9900.0	-0.1	0.9	2.8	22.	11.0
2011	4	18	11	-9900.0	-0.2	1.0	3.1	23.	29.0
2011	4	18	12	-9900.0	-0.3	1.6	2.8	24.	26.0
2011	4	18	13	-9900.0	-0.4	1.6	2.8	23.	40.0
2011	4	18	14	-9900.0	-0.6	1.9	3.4	24.	57.0
2011	4	18	15	-9900.0	-0.6	1.8	2.8	24.	38.0
2011	4	18	16	-9900.0	-0.9	1.7	5.0	1025.	16.0
2011	4	18	17	-9900.0	-0.9	2.2	5.9	2.	6.0
2011	4	18	18	-9900.0	-0.9	2.3	5.6	1.	10.0
2011	4	18	19	-9900.0	-0.9	1.9	4.4	0.	12.0
2011	4	18	20	-9900.0	-0.5	1.6	4.0	1.	22.0
2011	4	18	21	-9900.0	0.3	1.1	2.5	5.	30.0
2011	4	18	22	-9900.0	0.6	1.5	3.7	12.	17.0
2011	4	18	23	-9900.0	0.5	0.7	2.5	12.	23.0
2011	4	18	24	-9900.0	0.6	0.9	1.9	10.	8.0
2011	4	19	1	-9900.0	0.6	0.9	2.2	11.	1.0
2011	4	19	2	-9900.0	0.3	1.0	2.2	11.	0.0
2011	4	19	3	-9900.0	0.5	1.0	1.9	11.	0.0
2011	4	19	4	-9900.0	0.5	0.9	2.2	12.	3.0
2011	4	19	5	-9900.0	0.5	1.0	2.5	12.	5.0
2011	4	19	6	-9900.0	0.4	0.8	2.2	13.	9.0
2011	4	19	7	-9900.0	0.3	1.0	2.2	12.	11.0
2011	4	19	8	-9900.0	-0.1	0.6	1.9	1021.	14.0
2011	4	19	9	-9900.0	-0.1	0.5	1.9	2021.	24.0
2011	4	19	10	-9900.0	-0.4	1.7	3.1	24.	40.0
2011	4	19	11	-9900.0	-0.4	0.7	2.5	24.	29.0
2011	4	19	12	-9900.0	-0.4	1.4	5.3	1024.	32.0
2011	4	19	13	-9900.0	-0.6	2.4	5.6	24.	34.0
2011	4	19	14	-9900.0	-0.7	1.7	3.1	24.	32.0
2011	4	19	15	-9900.0	-0.6	1.8	3.4	24.	46.0
2011	4	19	16	-9900.0	-0.6	1.7	4.7	24.	56.0
2011	4	19	17	-9900.0	-0.7	1.2	3.4	26.	66.0

2011	4	19	18	-9900.0	-0.5	1.4	4.7	28.	59.0
2011	4	19	19	-9900.0	-0.3	2.7	6.8	27.	43.0
2011	4	19	20	-9900.0	-0.2	1.4	3.7	1024.	43.0
2011	4	19	21	-9900.0	-0.1	1.1	2.5	9.	42.0
2011	4	19	22	-9900.0	0.3	0.9	2.5	10.	43.0
2011	4	19	23	-9900.0	0.2	1.4	2.8	12.	37.0
2011	4	19	24	-9900.0	0.6	1.0	2.5	12.	28.0
2011	4	20	1	-9900.0	0.3	1.4	2.8	11.	36.0
2011	4	20	2	-9900.0	0.4	0.7	2.2	12.	18.0
2011	4	20	3	-9900.0	0.4	1.0	2.2	12.	22.0
2011	4	20	4	-9900.0	0.5	0.7	1.6	11.	20.0
2011	4	20	5	-9900.0	0.5	0.7	2.5	11.	17.0
2011	4	20	6	-9900.0	0.5	0.8	2.2	8.	26.0
2011	4	20	7	-9900.0	0.4	0.6	1.9	8.	40.0
2011	4	20	8	-9900.0	-0.1	0.9	1.9	1019.	4.0
2011	4	20	9	-9900.0	-0.3	0.7	1.6	21.	22.0
2011	4	20	10	-9900.0	-0.4	1.2	2.5	22.	42.0
2011	4	20	11	-9900.0	-0.4	1.4	2.8	23.	53.0
2011	4	20	12	-9900.0	-0.6	1.6	2.8	24.	86.0
2011	4	20	13	-9900.0	-0.7	1.5	2.8	23.	75.0
2011	4	20	14	-9900.0	-0.8	2.0	5.3	30.	40.0
2011	4	20	15	-9900.0	-1.0	2.5	5.6	34.	26.0
2011	4	20	16	-9900.0	-0.8	2.9	5.9	4.	30.0
2011	4	20	17	-9900.0	-0.7	3.0	6.2	5.	29.0
2011	4	20	18	-9900.0	-0.7	2.7	5.6	4.	29.0
2011	4	20	19	-9900.0	-0.7	2.3	5.3	2.	34.0
2011	4	20	20	-9900.0	-0.4	1.2	3.4	0.	51.0
2011	4	20	21	-9900.0	0.4	1.3	3.4	9.	49.0
2011	4	20	22	-9900.0	0.4	0.9	2.5	10.	48.0
2011	4	20	23	-9900.0	0.3	0.8	2.5	11.	55.0
2011	4	20	24	-9900.0	0.5	1.3	2.5	10.	38.0
2011	4	21	1	-9900.0	0.5	1.0	1.9	11.	46.0
2011	4	21	2	-9900.0	0.5	0.9	1.9	11.	48.0
2011	4	21	3	-9900.0	0.4	0.7	1.9	11.	32.0
2011	4	21	4	-9900.0	0.5	1.0	2.2	12.	40.0
2011	4	21	5	-9900.0	0.4	0.8	2.5	13.	50.0
2011	4	21	6	-9900.0	0.2	0.9	2.2	1021.	33.0
2011	4	21	7	-9900.0	0.0	0.9	2.5	1017.	40.0
2011	4	21	8	-9900.0	-0.1	0.8	2.2	20.	24.0
2011	4	21	9	-9900.0	-0.2	0.4	1.6	2018.	4.0
2011	4	21	10	-9900.0	-0.3	0.9	1.9	20.	36.0
2011	4	21	11	-9900.0	-0.4	1.4	2.5	22.	44.0
2011	4	21	12	-9900.0	-0.6	1.5	2.5	23.	65.0
2011	4	21	13	-9900.0	-0.6	1.5	2.8	23.	60.0
2011	4	21	14	-9900.0	-0.9	1.4	5.0	24.	45.0
2011	4	21	15	-9900.0	-0.9	2.2	5.6	1025.	54.0
2011	4	21	16	-9900.0	-1.0	2.2	5.6	35.	73.0
2011	4	21	17	-9900.0	-0.9	2.5	5.6	35.	52.0
2011	4	21	18	-9900.0	-0.8	2.3	5.0	3.	46.0
2011	4	21	19	-9900.0	-0.8	1.8	5.0	34.	32.0
2011	4	21	20	-9900.0	-0.6	1.0	3.7	34.	34.0
2011	4	21	21	-9900.0	-0.1	0.9	2.5	9.	39.0
2011	4	21	22	-9900.0	0.3	1.0	2.8	11.	42.0
2011	4	21	23	-9900.0	0.4	1.2	2.5	11.	48.0
2011	4	21	24	-9900.0	0.3	0.9	1.9	11.	44.0

2011	4	22	1	-9900.0	0.3	0.8	2.2	12.	36.0
2011	4	22	2	-9900.0	0.5	1.0	2.5	12.	38.0
2011	4	22	3	-9900.0	0.4	0.9	2.5	12.	46.0
2011	4	22	4	-9900.0	0.1	0.6	1.9	23.	35.0
2011	4	22	5	-9900.0	0.3	0.8	1.9	13.	41.0
2011	4	22	6	-9900.0	0.3	0.5	1.9	12.	44.0
2011	4	22	7	-9900.0	0.1	0.6	1.6	11.	24.0
2011	4	22	8	-9900.0	-0.1	0.6	1.9	20.	24.0
2011	4	22	9	-9900.0	-0.1	0.5	1.2	20.	6.0
2011	4	22	10	-9900.0	-0.4	1.1	2.8	21.	27.0
2011	4	22	11	-9900.0	-0.4	1.3	3.1	23.	49.0
2011	4	22	12	-9900.0	-0.5	0.6	2.2	22.	45.0
2011	4	22	13	-9900.0	-0.8	2.2	5.3	10.	18.0
2011	4	22	14	-9900.0	-0.9	2.7	6.8	11.	27.0
2011	4	22	15	-9900.0	-1.0	2.5	5.9	5.	23.0
2011	4	22	16	-9900.0	-0.9	2.9	6.8	4.	17.0
2011	4	22	17	-9900.0	-1.2	2.9	5.9	4.	16.0
2011	4	22	18	-9900.0	-0.9	3.4	5.6	6.	13.0
2011	4	22	19	-9900.0	-0.6	3.4	6.2	5.	20.0
2011	4	22	20	-9900.0	-0.4	2.0	4.7	0.	22.0
2011	4	22	21	-9900.0	-0.5	0.8	2.8	4.	28.0
2011	4	22	22	-9900.0	0.4	1.1	2.8	6.	40.0
2011	4	22	23	-9900.0	0.5	1.4	3.1	10.	35.0
2011	4	22	24	-9900.0	0.5	1.0	2.5	12.	26.0
2011	4	23	1	-9900.0	0.3	1.9	4.7	1011.	25.0
2011	4	23	2	-9900.0	0.5	1.4	2.8	1011.	23.0
2011	4	23	3	-9900.0	0.6	0.7	2.2	18.	32.0
2011	4	23	4	-9900.0	0.6	0.9	2.2	10.	29.0
2011	4	23	5	-9900.0	0.5	1.3	3.1	12.	23.0
2011	4	23	6	-9900.0	0.4	1.1	2.5	11.	23.0
2011	4	23	7	-9900.0	0.5	0.9	1.9	11.	17.0
2011	4	23	8	-9900.0	0.1	1.0	2.8	1010.	9.0
2011	4	23	9	-9900.0	-0.3	1.2	3.1	22.	27.0
2011	4	23	10	-9900.0	-0.5	1.0	2.5	21.	50.0
2011	4	23	11	-9900.0	-0.8	1.5	3.4	22.	54.0
2011	4	23	12	-9900.0	-0.8	3.0	9.0	9.	36.0
2011	4	23	13	-9900.0	-0.8	4.2	10.9	8.	37.0
2011	4	23	14	-9900.0	-0.9	6.4	15.2	7.	42.0
2011	4	23	15	-9900.0	-0.7	3.1	8.7	1034.	24.0
2011	4	23	16	-9900.0	-0.8	2.4	7.8	1023.	23.0
2011	4	23	17	-9900.0	-0.9	1.5	3.7	22.	19.0
2011	4	23	18	-9900.0	-0.8	2.4	8.1	21.	16.0
2011	4	23	19	-9900.0	-0.7	2.5	6.8	23.	19.0
2011	4	23	20	-9900.0	-0.7	1.8	5.6	1026.	19.0
2011	4	23	21	-9900.0	-0.3	1.6	4.0	9.	24.0
2011	4	23	22	-9900.0	0.3	2.1	4.0	9.	24.0
2011	4	23	23	-9900.0	0.2	2.2	5.9	8.	16.0
2011	4	23	24	-9900.0	0.4	1.2	2.5	11.	17.0
2011	4	24	1	-9900.0	0.6	1.2	2.8	10.	30.0
2011	4	24	2	-9900.0	0.6	1.3	3.1	11.	17.0
2011	4	24	3	-9900.0	0.5	0.7	2.8	12.	29.0
2011	4	24	4	-9900.0	0.5	0.9	2.5	12.	22.0
2011	4	24	5	-9900.0	0.6	0.8	2.2	14.	27.0
2011	4	24	6	-9900.0	0.5	1.0	2.5	12.	21.0
2011	4	24	7	-9900.0	0.3	1.0	2.8	15.	15.0
2011	4	24	8	-9900.0	-0.1	1.2	2.5	1013.	0.0
2011	4	24	9	-9900.0	-0.3	1.0	2.5	22.	11.0
2011	4	24	10	-9900.0	-0.4	0.7	1.9	22.	27.0



2011	4	24	11	-9900.0	-0.5	1.3	4.0	22.	16.0
2011	4	24	12	-9900.0	-0.7	2.8	7.8	9.	17.0
2011	4	24	13	-9900.0	-0.6	3.5	6.8	8.	19.0
2011	4	24	14	-9900.0	-0.6	2.8	5.9	9.	26.0
2011	4	24	15	-9900.0	-0.5	3.1	6.2	12.	20.0
2011	4	24	16	-9900.0	-0.7	2.1	5.6	11.	19.0
2011	4	24	17	-9900.0	-0.8	2.5	5.6	8.	13.0
2011	4	24	18	-9900.0	-0.7	2.9	7.8	36.	12.0
2011	4	24	19	-9900.0	-0.6	2.8	7.5	36.	23.0
2011	4	24	20	-9900.0	-0.6	1.7	6.8	29.	35.0
2011	4	24	21	-9900.0	-0.4	0.9	3.4	1020.	47.0
2011	4	24	22	-9900.0	-0.3	1.4	3.4	6.	39.0
2011	4	24	23	-9900.0	-0.1	0.9	1.9	10.	24.0
2011	4	24	24	-9900.0	0.0	0.8	1.6	9.	22.0
2011	4	25	1	-9900.0	0.0	0.6	1.9	10.	20.0
2011	4	25	2	-9900.0	0.2	0.6	1.9	11.	20.0
2011	4	25	3	-9900.0	0.4	0.7	2.2	11.	19.0
2011	4	25	4	-9900.0	0.2	0.8	2.2	11.	23.0
2011	4	25	5	-9900.0	0.2	0.7	1.6	11.	15.0
2011	4	25	6	-9900.0	-0.1	0.6	1.9	11.	14.0
2011	4	25	7	-9900.0	-0.2	0.3	1.2	2012.	11.0
2011	4	25	8	-9900.0	-0.3	0.6	1.2	12.	7.0
2011	4	25	9	-9900.0	-0.3	0.6	1.9	21.	10.0
2011	4	25	10	-9900.0	-0.4	1.4	2.5	23.	17.0
2011	4	25	11	-9900.0	-0.6	1.5	2.8	23.	28.0
2011	4	25	12	-9900.0	-0.7	1.6	2.8	24.	50.0
2011	4	25	13	-9900.0	-0.9	1.7	3.1	24.	38.0
2011	4	25	14	-9900.0	-0.9	1.8	3.4	24.	42.0
2011	4	25	15	-9900.0	-0.8	2.4	4.4	24.	52.0
2011	4	25	16	-9900.0	-0.8	2.2	6.5	33.	46.0
2011	4	25	17	-9900.0	-0.7	2.3	6.2	33.	38.0
2011	4	25	18	-9900.0	-0.6	2.1	5.9	33.	34.0
2011	4	25	19	-9900.0	-0.5	1.5	5.6	1004.	17.0
2011	4	25	20	-9900.0	-0.4	1.3	3.7	14.	12.0
2011	4	25	21	-9900.0	-0.3	1.7	5.3	1018.	13.0
2011	4	25	22	-9900.0	-0.2	0.9	4.0	1007.	15.0
2011	4	25	23	-9900.0	-0.1	1.0	3.1	20.	21.0
2011	4	25	24	-9900.0	0.1	1.2	3.1	10.	15.0
2011	4	26	1	-9900.0	0.3	1.2	3.1	11.	18.0
2011	4	26	2	-9900.0	0.1	1.4	4.0	10.	7.0
2011	4	26	3	-9900.0	0.2	1.3	2.5	10.	9.0
2011	4	26	4	-9900.0	0.2	1.7	3.4	10.	7.0
2011	4	26	5	-9900.0	0.2	1.8	3.1	10.	7.0
2011	4	26	6	-9900.0	0.2	1.5	3.1	12.	4.0
2011	4	26	7	-9900.0	0.1	1.5	2.8	11.	9.0
2011	4	26	8	-9900.0	-0.3	1.5	2.5	11.	5.0
2011	4	26	9	-9900.0	-0.4	1.1	2.5	12.	0.0
2011	4	26	10	-9900.0	-0.4	0.8	2.5	22.	9.0
2011	4	26	11	-9900.0	-0.7	2.4	6.2	8.	19.0
2011	4	26	12	-9900.0	-0.7	2.7	6.5	3.	12.0
2011	4	26	13	-9900.0	-0.7	2.9	7.1	1.	14.0
2011	4	26	14	-9900.0	-0.7	3.1	6.8	6.	13.0
2011	4	26	15	-9900.0	-0.8	3.0	6.5	6.	9.0
2011	4	26	16	-9900.0	-0.8	2.6	6.5	5.	13.0
2011	4	26	17	-9900.0	-0.8	2.3	5.6	33.	13.0
2011	4	26	18	-9900.0	-0.9	2.1	5.9	33.	9.0
2011	4	26	19	-9900.0	-0.8	2.1	5.3	2.	17.0
2011	4	26	20	-9900.0	-0.5	1.7	5.9	3.	18.0
2011	4	26	21	-9900.0	-0.1	2.2	4.4	7.	19.0

2011	4	26	22	-9900.0	0.3	2.1	3.4	10.	29.0
2011	4	26	23	-9900.0	0.4	2.1	3.4	11.	16.0
2011	4	26	24	-9900.0	0.4	0.7	1.9	10.	17.0
2011	4	27	1	-9900.0	0.5	1.0	3.1	11.	15.0
2011	4	27	2	-9900.0	0.6	0.7	2.2	12.	9.0
2011	4	27	3	-9900.0	0.5	1.3	2.2	10.	6.0
2011	4	27	4	-9900.0	0.6	1.4	2.8	10.	7.0
2011	4	27	5	-9900.0	0.6	1.4	2.8	11.	7.0
2011	4	27	6	-9900.0	0.7	0.9	2.5	10.	8.0
2011	4	27	7	-9900.0	0.3	1.0	2.5	16.	25.0
2011	4	27	8	-9900.0	0.0	0.7	2.2	12.	14.0
2011	4	27	9	-9900.0	-0.4	0.7	1.9	19.	20.0
2011	4	27	10	-9900.0	-0.5	1.2	2.5	22.	42.0
2011	4	27	11	-9900.0	-0.5	1.4	2.8	23.	51.0
2011	4	27	12	-9900.0	-0.5	1.4	2.5	22.	51.0
2011	4	27	13	-9900.0	-0.7	2.0	3.7	24.	40.0
2011	4	27	14	-9900.0	-0.9	1.7	7.5	7.	14.0
2011	4	27	15	-9900.0	-1.0	2.1	5.6	8.	18.0
2011	4	27	16	-9900.0	-1.2	1.6	4.7	7.	12.0
2011	4	27	17	-9900.0	-1.2	2.5	5.6	34.	12.0
2011	4	27	18	-9900.0	-0.9	2.7	6.5	4.	12.0
2011	4	27	19	-9900.0	-0.9	2.0	5.3	35.	13.0
2011	4	27	20	-9900.0	-0.8	1.9	4.4	1.	17.0
2011	4	27	21	-9900.0	-0.4	1.1	4.7	1.	34.0
2011	4	27	22	-9900.0	0.2	1.0	2.5	6.	37.0
2011	4	27	23	-9900.0	0.4	1.1	2.5	9.	21.0
2011	4	27	24	-9900.0	0.4	1.3	2.5	11.	15.0
2011	4	28	1	-9900.0	0.5	1.2	2.5	12.	-9900.0
2011	4	28	2	-9900.0	0.5	1.0	2.5	10.	-9900.0
2011	4	28	3	-9900.0	0.6	0.9	1.9	11.	-9900.0
2011	4	28	4	-9900.0	0.6	1.0	2.2	11.	-9900.0
2011	4	28	5	-9900.0	0.5	0.9	2.2	12.	-9900.0
2011	4	28	6	-9900.0	0.5	0.7	2.2	11.	-9900.0
2011	4	28	7	-9900.0	0.3	0.6	1.9	11.	-9900.0
2011	4	28	8	-9900.0	-0.1	0.7	2.2	11.	-9900.0
2011	4	28	9	-9900.0	-0.2	0.4	1.9	2011.	10.0
2011	4	28	10	-9900.0	-0.6	1.5	3.1	23.	78.0
2011	4	28	11	-9900.0	-0.8	1.2	2.5	24.	80.0
2011	4	28	12	-9900.0	-0.7	2.0	5.3	1005.	29.0
2011	4	28	13	-9900.0	-0.7	3.1	6.2	7.	25.0
2011	4	28	14	-9900.0	-0.8	2.5	6.8	9.	19.0
2011	4	28	15	-9900.0	-1.1	2.8	6.5	7.	18.0
2011	4	28	16	-9900.0	-1.1	2.6	5.9	4.	11.0
2011	4	28	17	-9900.0	-1.1	2.4	5.9	1.	9.0
2011	4	28	18	-9900.0	-0.9	2.1	5.6	2.	12.0
2011	4	28	19	-9900.0	-1.1	2.2	5.6	1.	17.0
2011	4	28	20	-9900.0	-0.8	1.6	5.3	2.	32.0
2011	4	28	21	-9900.0	-0.2	0.8	2.5	3.	60.0
2011	4	28	22	-9900.0	0.4	0.9	2.2	6.	50.0
2011	4	28	23	-9900.0	0.6	1.4	3.1	12.	26.0
2011	4	28	24	-9900.0	0.5	0.9	2.5	11.	21.0
2011	4	29	1	-9900.0	0.6	0.8	1.9	11.	20.0
2011	4	29	2	-9900.0	0.6	0.8	2.2	11.	13.0
2011	4	29	3	-9900.0	0.5	0.9	2.5	11.	8.0
2011	4	29	4	-9900.0	0.6	0.3	1.2	2011.	10.0
2011	4	29	5	-9900.0	0.6	0.7	1.9	11.	11.0
2011	4	29	6	-9900.0	0.5	0.9	2.5	11.	9.0
2011	4	29	7	-9900.0	0.4	0.8	1.9	10.	24.0

2011	4	29	8	-9900.0	-0.1	0.6	1.6	10.	45.0
2011	4	29	9	-9900.0	-0.3	1.1	1.9	1019.	65.0
2011	4	29	10	-9900.0	-0.6	1.1	2.2	21.	102.0
2011	4	29	11	-9900.0	-0.8	1.6	2.8	23.	89.0
2011	4	29	12	-9900.0	-0.9	1.6	2.8	23.	74.0
2011	4	29	13	-9900.0	-0.9	1.7	3.1	24.	70.0
2011	4	29	14	-9900.0	-0.9	2.2	5.3	1004.	43.0
2011	4	29	15	-9900.0	-1.1	3.2	6.2	5.	20.0
2011	4	29	16	-9900.0	-1.1	3.5	7.1	5.	15.0
2011	4	29	17	-9900.0	-1.2	3.4	6.5	4.	11.0
2011	4	29	18	-9900.0	-1.2	3.4	5.6	5.	14.0
2011	4	29	19	-9900.0	-1.2	2.5	5.6	2.	16.0
2011	4	29	20	-9900.0	-1.0	1.9	5.0	1.	67.0
2011	4	29	21	-9900.0	-0.4	1.3	3.4	3.	125.0
2011	4	29	22	-9900.0	0.3	0.4	1.6	3.	46.0
2011	4	29	23	-9900.0	0.6	0.9	2.5	10.	26.0
2011	4	29	24	-9900.0	0.6	1.2	2.8	11.	23.0
2011	4	30	1	-9900.0	0.6	0.5	1.9	10.	30.0
2011	4	30	2	-9900.0	0.6	0.5	1.9	10.	11.0
2011	4	30	3	-9900.0	0.6	1.2	2.5	11.	14.0
2011	4	30	4	-9900.0	0.6	1.0	1.9	11.	13.0
2011	4	30	5	-9900.0	0.6	0.8	1.9	11.	9.0
2011	4	30	6	-9900.0	0.6	0.8	1.9	11.	8.0
2011	4	30	7	-9900.0	0.3	0.7	1.9	11.	11.0
2011	4	30	8	-9900.0	0.0	0.5	1.6	11.	19.0
2011	4	30	9	-9900.0	-0.4	1.0	1.9	20.	20.0
2011	4	30	10	-9900.0	-0.6	1.3	1.9	21.	33.0
2011	4	30	11	-9900.0	-0.8	1.5	2.5	22.	41.0
2011	4	30	12	-9900.0	-0.9	1.6	2.8	23.	81.0
2011	4	30	13	-9900.0	-0.9	1.7	4.7	23.	71.0
2011	4	30	14	-9900.0	-0.9	1.8	5.0	22.	30.0
2011	4	30	15	-9900.0	-1.2	2.1	5.0	1.	10.0
2011	4	30	16	-9900.0	-1.3	2.3	5.3	36.	15.0
2011	4	30	17	-9900.0	-1.4	2.5	5.6	4.	10.0
2011	4	30	18	-9900.0	-1.5	2.5	5.9	3.	10.0
2011	4	30	19	-9900.0	-1.5	1.6	4.7	2.	13.0
2011	4	30	20	-9900.0	-0.9	1.8	4.4	4.	19.0
2011	4	30	21	-9900.0	-0.4	1.2	3.4	5.	30.0
2011	4	30	22	-9900.0	0.4	1.8	3.4	11.	39.0
2011	4	30	23	-9900.0	0.5	1.6	3.4	9.	18.0
2011	4	30	24	-9900.0	0.6	1.0	2.8	11.	11.0
MANGLER (ANT)			581		0	0	0	1	9
MANGLER (%)			80.7		0.0	0.0	0.0	0.1	1.2

PERIODE: 1/ 5 2011 - 31/ 5 2011

Par. 1: T-2m , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 2: T(10-, Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 3: FF , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 4: Gust , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 5: DD , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 6: PM10S, Stasjon 1661, Søndenaia (saud, Skal.faktor: 1.000

				T-2mT(10-2m)		FF	Gust	DD	PM10Son
				grader	grader	m/s	m/sdekagrad	grad	ug/m3
2011	5	1	1	-9900.0	-9900.0	1.2	2.8	1013.	7.0
2011	5	1	2	-9900.0	-9900.0	1.5	3.4	11.	11.0
2011	5	1	3	-9900.0	-9900.0	1.1	2.8	10.	12.0
2011	5	1	4	-9900.0	-9900.0	1.0	2.8	11.	29.0
2011	5	1	5	-9900.0	-9900.0	1.2	2.5	12.	10.0
2011	5	1	6	-9900.0	-9900.0	1.0	2.8	11.	7.0
2011	5	1	7	-9900.0	-9900.0	0.8	1.9	11.	4.0
2011	5	1	8	-9900.0	-9900.0	0.4	1.6	2011.	0.0
2011	5	1	9	-9900.0	-9900.0	0.7	1.6	13.	7.0
2011	5	1	10	-9900.0	-9900.0	1.3	2.2	21.	24.0
2011	5	1	11	-9900.0	-9900.0	1.3	2.2	22.	27.0
2011	5	1	12	-9900.0	-9900.0	1.4	2.8	22.	32.0
2011	5	1	13	-9900.0	-9900.0	1.3	3.1	22.	25.0
2011	5	1	14	-9900.0	-9900.0	1.8	3.1	24.	25.0
2011	5	1	15	-9900.0	-9900.0	1.4	4.0	1030.	15.0
2011	5	1	16	-9900.0	-9900.0	1.6	4.7	2.	23.0
2011	5	1	17	-9900.0	-9900.0	2.1	5.6	35.	15.0
2011	5	1	18	-9900.0	-9900.0	1.8	5.0	30.	13.0
2011	5	1	19	-9900.0	-9900.0	1.9	7.5	1032.	24.0
2011	5	1	20	-9900.0	-9900.0	1.3	5.6	16.	29.0
2011	5	1	21	-9900.0	-9900.0	2.0	6.5	20.	21.0
2011	5	1	22	-9900.0	-9900.0	2.5	7.5	24.	15.0
2011	5	1	23	-9900.0	-9900.0	2.5	5.0	24.	14.0
2011	5	1	24	-9900.0	-9900.0	1.3	2.8	11.	20.0
2011	5	2	1	-9900.0	-9900.0	1.3	3.1	12.	17.0
2011	5	2	2	-9900.0	-9900.0	0.8	2.8	10.	11.0
2011	5	2	3	-9900.0	-9900.0	0.8	2.2	12.	9.0
2011	5	2	4	-9900.0	-9900.0	1.1	2.8	12.	9.0
2011	5	2	5	-9900.0	-9900.0	0.6	1.9	13.	10.0
2011	5	2	6	-9900.0	-9900.0	0.2	1.2	2014.	3.0
2011	5	2	7	-9900.0	-9900.0	0.7	3.1	24.	3.0
2011	5	2	8	-9900.0	-9900.0	0.6	2.5	28.	0.0
2011	5	2	9	-9900.0	-9900.0	0.5	1.6	29.	0.0
2011	5	2	10	-9900.0	-9900.0	0.9	1.9	26.	2.0
2011	5	2	11	-9900.0	-9900.0	1.4	3.1	25.	1.0
2011	5	2	12	-9900.0	-9900.0	1.3	2.8	25.	10.0
2011	5	2	13	-9900.0	-9900.0	0.9	3.1	1029.	7.0
2011	5	2	14	-9900.0	-9900.0	1.6	3.1	1028.	8.0
2011	5	2	15	-9900.0	-9900.0	1.5	3.7	1025.	9.0
2011	5	2	16	-9900.0	-9900.0	2.5	5.6	24.	9.0
2011	5	2	17	-9900.0	-9900.0	1.8	5.3	28.	6.0
2011	5	2	18	-9900.0	-9900.0	1.8	6.2	1006.	16.0
2011	5	2	19	-9900.0	-9900.0	1.5	4.7	1026.	15.0
2011	5	2	20	-9900.0	-9900.0	1.3	4.0	15.	15.0
2011	5	2	21	-9900.0	-9900.0	0.9	3.1	17.	13.0
2011	5	2	22	-9900.0	-9900.0	1.1	2.5	13.	23.0

2011	5	2	23	-9900.0	-9900.0	1.5	2.8	11.	16.0
2011	5	2	24	-9900.0	-9900.0	1.4	2.5	11.	12.0
2011	5	3	1	-9900.0	-9900.0	1.6	3.1	10.	10.0
2011	5	3	2	-9900.0	-9900.0	1.5	3.7	10.	3.0
2011	5	3	3	-9900.0	-9900.0	1.3	2.2	11.	7.0
2011	5	3	4	-9900.0	-9900.0	1.0	1.9	11.	9.0
2011	5	3	5	-9900.0	-9900.0	0.9	1.9	11.	4.0
2011	5	3	6	-9900.0	-9900.0	1.1	2.5	12.	15.0
2011	5	3	7	-9900.0	-9900.0	1.0	2.2	10.	5.0
2011	5	3	8	-9900.0	-9900.0	0.9	1.9	9.	5.0
2011	5	3	9	-9900.0	-9900.0	1.1	2.8	1012.	10.0
2011	5	3	10	-9900.0	-9900.0	1.8	3.1	24.	22.0
2011	5	3	11	-9900.0	-9900.0	1.8	3.1	25.	23.0
2011	5	3	12	-9900.0	-9900.0	1.0	2.2	24.	23.0
2011	5	3	13	-9900.0	-9900.0	1.9	3.7	25.	16.0
2011	5	3	14	-9900.0	-9900.0	4.3	11.2	7.	27.0
2011	5	3	15	-9900.0	-9900.0	3.3	7.8	25.	19.0
2011	5	3	16	-9900.0	-9900.0	2.5	5.0	24.	1.0
2011	5	3	17	-9900.0	-9900.0	1.8	5.3	1023.	7.0
2011	5	3	18	-9900.0	-9900.0	2.2	5.6	10.	5.0
2011	5	3	19	-9900.0	-9900.0	1.6	5.0	10.	10.0
2011	5	3	20	-9900.0	-9900.0	3.0	5.9	25.	18.0
2011	5	3	21	-9900.0	-9900.0	3.4	7.8	25.	22.0
2011	5	3	22	-9900.0	-9900.0	1.2	4.0	24.	17.0
2011	5	3	23	-9900.0	-9900.0	1.9	4.4	25.	4.0
2011	5	3	24	-9900.0	-9900.0	2.3	4.7	25.	2.0
2011	5	4	1	-9900.0	-9900.0	3.2	6.2	25.	6.0
2011	5	4	2	-9900.0	-9900.0	2.2	5.0	25.	3.0
2011	5	4	3	-9900.0	-9900.0	1.3	3.7	24.	3.0
2011	5	4	4	-9900.0	-9900.0	1.5	4.4	25.	4.0
2011	5	4	5	-9900.0	-9900.0	1.8	4.0	25.	6.0
2011	5	4	6	-9900.0	-9900.0	0.7	3.4	19.	11.0
2011	5	4	7	-9900.0	-9900.0	0.9	1.9	14.	7.0
2011	5	4	8	-9900.0	-9900.0	0.9	2.5	18.	4.0
2011	5	4	9	-9900.0	-9900.0	1.6	3.1	26.	0.0
2011	5	4	10	-9900.0	-9900.0	1.7	3.1	25.	7.0
2011	5	4	11	-9900.0	-9900.0	1.3	3.7	27.	8.0
2011	5	4	12	-9900.0	-9900.0	1.8	5.0	26.	5.0
2011	5	4	13	-9900.0	-9900.0	2.9	5.3	25.	10.0
2011	5	4	14	-9900.0	-9900.0	3.0	5.3	24.	18.0
2011	5	4	15	-9900.0	-9900.0	3.0	5.0	25.	10.0
2011	5	4	16	-9900.0	-9900.0	3.1	5.3	25.	10.0
2011	5	4	17	-9900.0	-9900.0	2.8	5.9	24.	21.0
2011	5	4	18	-9900.0	-9900.0	3.1	5.6	24.	16.0
2011	5	4	19	-9900.0	-9900.0	3.0	5.3	24.	17.0
2011	5	4	20	-9900.0	-9900.0	2.1	5.3	25.	24.0
2011	5	4	21	-9900.0	-9900.0	0.9	2.2	1027.	28.0
2011	5	4	22	-9900.0	-9900.0	1.6	3.4	12.	26.0
2011	5	4	23	-9900.0	-9900.0	1.4	2.5	10.	26.0
2011	5	4	24	-9900.0	-9900.0	1.1	2.2	11.	24.0
2011	5	5	1	-9900.0	-9900.0	1.2	2.2	10.	23.0
2011	5	5	2	-9900.0	-9900.0	1.1	1.9	10.	12.0
2011	5	5	3	-9900.0	-9900.0	0.9	1.9	10.	17.0
2011	5	5	4	-9900.0	-9900.0	0.5	1.2	11.	14.0
2011	5	5	5	-9900.0	-9900.0	0.4	1.2	11.	20.0
2011	5	5	6	-9900.0	-9900.0	0.4	1.6	11.	17.0
2011	5	5	7	-9900.0	-9900.0	0.7	1.9	12.	21.0
2011	5	5	8	-9900.0	-9900.0	0.6	2.5	22.	7.0

2011	5	5	9	-9900.0	-9900.0	0.9	2.5	22.	24.0
2011	5	5	10	-9900.0	-9900.0	1.9	3.4	23.	27.0
2011	5	5	11	-9900.0	-9900.0	2.2	4.7	23.	12.0
2011	5	5	12	-9900.0	-9900.0	3.6	6.8	24.	10.0
2011	5	5	13	-9900.0	-9900.0	3.2	6.2	24.	13.0
2011	5	5	14	-9900.0	-9900.0	3.6	6.2	24.	15.0
2011	5	5	15	-9900.0	-9900.0	3.1	5.9	24.	12.0
2011	5	5	16	-9900.0	-9900.0	2.8	6.2	24.	14.0
2011	5	5	17	-9900.0	-9900.0	3.2	6.8	24.	20.0
2011	5	5	18	-9900.0	-9900.0	3.4	6.8	24.	17.0
2011	5	5	19	-9900.0	-9900.0	4.2	7.8	24.	23.0
2011	5	5	20	-9900.0	-9900.0	3.1	7.5	24.	27.0
2011	5	5	21	-9900.0	-9900.0	3.5	7.1	24.	31.0
2011	5	5	22	-9900.0	-9900.0	1.6	6.2	22.	22.0
2011	5	5	23	-9900.0	-9900.0	0.9	2.2	1024.	21.0
2011	5	5	24	-9900.0	-9900.0	1.1	2.2	10.	20.0
2011	5	6	1	-9900.0	-9900.0	1.3	2.2	8.	22.0
2011	5	6	2	-9900.0	-9900.0	1.2	2.2	8.	2.0
2011	5	6	3	-9900.0	-9900.0	0.8	2.2	8.	7.0
2011	5	6	4	-9900.0	-9900.0	0.9	1.9	8.	7.0
2011	5	6	5	-9900.0	-9900.0	0.5	1.6	8.	5.0
2011	5	6	6	-9900.0	-9900.0	0.4	1.2	8.	9.0
2011	5	6	7	-9900.0	-9900.0	0.1	0.9	2008.	12.0
2011	5	6	8	-9900.0	-9900.0	0.4	1.2	8.	10.0
2011	5	6	9	-9900.0	-9900.0	0.5	1.6	8.	7.0
2011	5	6	10	-9900.0	-9900.0	0.6	1.9	8.	8.0
2011	5	6	11	-9900.0	-9900.0	1.9	3.4	25.	17.0
2011	5	6	12	-9900.0	-9900.0	1.3	3.1	23.	12.0
2011	5	6	13	-9900.0	-9900.0	1.7	5.0	3.	22.0
2011	5	6	14	-9900.0	-9900.0	1.2	3.1	34.	10.0
2011	5	6	15	-9900.0	-9900.0	1.3	4.4	24.	16.0
2011	5	6	16	-9900.0	-9900.0	0.4	1.9	24.	7.0
2011	5	6	17	-9900.0	-9900.0	1.3	2.2	26.	17.0
2011	5	6	18	-9900.0	-9900.0	0.6	1.9	24.	17.0
2011	5	6	19	-9900.0	-9900.0	0.6	2.2	22.	27.0
2011	5	6	20	-9900.0	-9900.0	0.3	1.2	2022.	28.0
2011	5	6	21	-9900.0	-9900.0	0.3	1.6	2020.	37.0
2011	5	6	22	-9900.0	-9900.0	0.7	1.6	17.	30.0
2011	5	6	23	-9900.0	-9900.0	0.4	1.6	16.	23.0
2011	5	6	24	-9900.0	-9900.0	0.3	1.6	2016.	23.0
2011	5	7	1	-9900.0	-9900.0	0.7	1.6	14.	27.0
2011	5	7	2	-9900.0	-9900.0	0.5	1.6	14.	19.0
2011	5	7	3	-9900.0	-9900.0	0.7	1.9	13.	24.0
2011	5	7	4	-9900.0	-9900.0	1.2	2.5	12.	25.0
2011	5	7	5	-9900.0	-9900.0	0.8	3.1	11.	29.0
2011	5	7	6	-9900.0	-9900.0	0.6	2.5	9.	32.0
2011	5	7	7	-9900.0	-9900.0	0.6	1.9	10.	71.0
2011	5	7	8	-9900.0	-9900.0	0.5	1.6	9.	8.0
2011	5	7	9	-9900.0	-9900.0	0.7	2.5	14.	8.0
2011	5	7	10	-9900.0	-9900.0	1.1	3.4	21.	8.0
2011	5	7	11	-9900.0	-9900.0	1.4	3.1	23.	0.0
2011	5	7	12	-9900.0	-9900.0	2.4	6.5	3.	26.0
2011	5	7	13	-9900.0	-9900.0	2.3	7.5	2.	36.0
2011	5	7	14	-9900.0	-9900.0	2.4	6.5	2.	36.0
2011	5	7	15	-9900.0	-9900.0	3.3	9.6	4.	26.0
2011	5	7	16	-9900.0	-9900.0	3.0	8.4	28.	19.0
2011	5	7	17	-9900.0	-9900.0	3.3	9.0	26.	19.0
2011	5	7	18	-9900.0	-9900.0	3.4	9.0	24.	3.0
2011	5	7	19	-9900.0	-9900.0	3.0	8.4	24.	11.0

2011	5	7	20	-9900.0	-9900.0	2.9	7.5	6.	15.0
2011	5	7	21	-9900.0	-9900.0	3.2	7.1	8.	21.0
2011	5	7	22	-9900.0	-9900.0	2.2	4.0	10.	24.0
2011	5	7	23	-9900.0	-9900.0	1.0	3.4	10.	24.0
2011	5	7	24	-9900.0	-9900.0	1.9	5.3	10.	12.0
2011	5	8	1	-9900.0	-9900.0	1.8	3.1	10.	14.0
2011	5	8	2	-9900.0	-9900.0	1.2	3.1	14.	12.0
2011	5	8	3	-9900.0	-9900.0	1.1	3.7	12.	11.0
2011	5	8	4	-9900.0	-9900.0	1.2	2.8	12.	13.0
2011	5	8	5	-9900.0	-9900.0	1.2	2.8	11.	20.0
2011	5	8	6	-9900.0	-9900.0	1.6	3.7	11.	16.0
2011	5	8	7	-9900.0	-9900.0	1.0	3.4	11.	6.0
2011	5	8	8	-9900.0	-9900.0	1.1	3.4	1011.	5.0
2011	5	8	9	-9900.0	-9900.0	1.9	3.4	11.	0.0
2011	5	8	10	-9900.0	-9900.0	1.1	3.7	1011.	0.0
2011	5	8	11	-9900.0	-9900.0	2.9	6.8	24.	13.0
2011	5	8	12	-9900.0	-9900.0	4.8	9.3	26.	27.0
2011	5	8	13	-9900.0	-9900.0	2.9	8.7	26.	17.0
2011	5	8	14	-9900.0	-9900.0	4.1	11.2	3.	26.0
2011	5	8	15	-9900.0	-9900.0	4.7	12.7	5.	16.0
2011	5	8	16	-9900.0	-9900.0	5.9	16.8	7.	9.0
2011	5	8	17	-9900.0	-9900.0	5.8	17.1	4.	7.0
2011	5	8	18	-9900.0	-9900.0	5.2	11.2	5.	4.0
2011	5	8	19	-9900.0	-9900.0	5.6	12.4	6.	10.0
2011	5	8	20	-9900.0	-9900.0	5.5	10.9	4.	17.0
2011	5	8	21	-9900.0	-9900.0	4.6	10.3	4.	12.0
2011	5	8	22	-9900.0	-9900.0	2.2	7.5	5.	8.0
2011	5	8	23	-9900.0	-9900.0	1.5	5.6	1013.	9.0
2011	5	8	24	-9900.0	-9900.0	1.8	4.4	12.	9.0
2011	5	9	1	-9900.0	-9900.0	1.3	3.4	1021.	1.0
2011	5	9	2	-9900.0	-9900.0	0.9	3.4	12.	10.0
2011	5	9	3	-9900.0	-9900.0	2.0	4.7	10.	7.0
2011	5	9	4	-9900.0	-9900.0	2.0	4.7	9.	3.0
2011	5	9	5	-9900.0	-9900.0	1.9	4.0	11.	7.0
2011	5	9	6	-9900.0	-9900.0	3.5	8.1	9.	0.0
2011	5	9	7	-9900.0	-9900.0	2.8	7.8	9.	4.0
2011	5	9	8	-9900.0	-9900.0	3.3	7.8	7.	12.0
2011	5	9	9	-9900.0	-9900.0	5.5	9.3	7.	19.0
2011	5	9	10	-9900.0	-9900.0	5.8	10.6	7.	19.0
2011	5	9	11	-9900.0	-9900.0	3.7	10.6	5.	16.0
2011	5	9	12	-9900.0	-9900.0	2.9	8.1	5.	15.0
2011	5	9	13	-9900.0	-9900.0	4.5	9.6	6.	21.0
2011	5	9	14	-9900.0	-9900.0	3.8	12.7	5.	14.0
2011	5	9	15	-9900.0	-9900.0	4.9	13.7	5.	8.0
2011	5	9	16	-9900.0	-9900.0	6.0	13.7	6.	21.0
2011	5	9	17	-9900.0	-9900.0	4.2	13.1	7.	8.0
2011	5	9	18	-9900.0	-9900.0	3.1	12.4	7.	5.0
2011	5	9	19	-9900.0	-9900.0	3.0	8.1	8.	15.0
2011	5	9	20	-9900.0	-9900.0	2.0	5.0	6.	19.0
2011	5	9	21	-9900.0	-9900.0	2.8	5.9	8.	17.0
2011	5	9	22	-9900.0	-9900.0	2.9	8.1	6.	14.0
2011	5	9	23	-9900.0	-9900.0	1.8	5.0	7.	17.0
2011	5	9	24	-9900.0	-9900.0	1.7	3.7	9.	35.0
2011	5	10	1	-9900.0	-9900.0	1.4	2.8	11.	31.0
2011	5	10	2	-9900.0	-9900.0	1.3	2.5	10.	28.0
2011	5	10	3	-9900.0	-9900.0	0.9	3.1	1013.	26.0
2011	5	10	4	-9900.0	-9900.0	0.5	1.6	18.	35.0
2011	5	10	5	-9900.0	-9900.0	0.6	1.9	17.	38.0

2011	5	10	6	-9900.0	-9900.0	1.1	3.4	11.	41.0
2011	5	10	7	-9900.0	-9900.0	1.1	2.8	11.	44.0
2011	5	10	8	-9900.0	-9900.0	1.2	3.4	13.	38.0
2011	5	10	9	-9900.0	-9900.0	1.0	2.8	1019.	38.0
2011	5	10	10	-9900.0	-9900.0	0.9	3.7	23.	34.0
2011	5	10	11	-9900.0	-9900.0	1.1	3.7	1024.	52.0
2011	5	10	12	-9900.0	-9900.0	0.7	1.9	13.	45.0
2011	5	10	13	-9900.0	-9900.0	1.0	2.8	1022.	15.0
2011	5	10	14	-9900.0	-9900.0	0.9	3.1	1028.	9.0
2011	5	10	15	-9900.0	-9900.0	1.5	6.5	1029.	1.0
2011	5	10	16	-9900.0	-9900.0	2.4	11.5	25.	46.0
2011	5	10	17	-9900.0	-9900.0	0.8	3.4	31.	18.0
2011	5	10	18	-9900.0	-9900.0	1.1	4.0	1031.	20.0
2011	5	10	19	-9900.0	-9900.0	1.4	5.3	1012.	35.0
2011	5	10	20	-9900.0	-9900.0	0.9	3.1	26.	21.0
2011	5	10	21	-9900.0	-9900.0	0.5	1.9	28.	30.0
2011	5	10	22	-9900.0	-9900.0	0.7	1.9	7.	18.0
2011	5	10	23	-9900.0	-9900.0	0.8	2.5	10.	20.0
2011	5	10	24	-9900.0	-9900.0	0.8	2.2	11.	20.0
2011	5	11	1	-9900.0	-9900.0	0.8	1.9	12.	23.0
2011	5	11	2	-9900.0	-9900.0	0.9	2.2	11.	13.0
2011	5	11	3	-9900.0	-9900.0	1.0	2.8	12.	13.0
2011	5	11	4	-9900.0	-9900.0	1.1	2.2	11.	12.0
2011	5	11	5	-9900.0	-9900.0	0.8	2.2	11.	16.0
2011	5	11	6	-9900.0	-9900.0	0.9	1.9	12.	15.0
2011	5	11	7	-9900.0	-9900.0	0.6	1.9	11.	14.0
2011	5	11	8	-9900.0	-9900.0	0.5	1.9	20.	5.0
2011	5	11	9	-9900.0	-9900.0	1.1	2.2	21.	22.0
2011	5	11	10	-9900.0	-9900.0	1.1	2.5	22.	36.0
2011	5	11	11	-9900.0	-9900.0	1.3	2.8	22.	48.0
2011	5	11	12	-9900.0	-9900.0	1.6	2.8	23.	26.0
2011	5	11	13	-9900.0	-9900.0	1.4	2.5	23.	24.0
2011	5	11	14	-9900.0	-9900.0	1.9	3.7	22.	32.0
2011	5	11	15	-9900.0	-9900.0	2.6	4.4	23.	16.0
2011	5	11	16	-9900.0	-9900.0	4.1	6.5	24.	26.0
2011	5	11	17	-9900.0	-9900.0	3.7	6.5	23.	31.0
2011	5	11	18	-9900.0	-9900.0	4.3	6.5	24.	30.0
2011	5	11	19	-9900.0	-9900.0	4.9	8.1	25.	29.0
2011	5	11	20	-9900.0	-9900.0	3.9	7.5	25.	26.0
2011	5	11	21	-9900.0	-9900.0	1.7	6.5	25.	30.0
2011	5	11	22	-9900.0	-9900.0	1.7	2.8	11.	37.0
2011	5	11	23	-9900.0	-9900.0	1.2	2.5	10.	31.0
2011	5	11	24	-9900.0	-9900.0	1.1	2.2	11.	25.0
2011	5	12	1	-9900.0	-9900.0	1.1	2.2	12.	28.0
2011	5	12	2	-9900.0	-9900.0	0.5	1.9	10.	16.0
2011	5	12	3	-9900.0	-9900.0	0.9	2.5	10.	20.0
2011	5	12	4	-9900.0	-9900.0	0.8	1.9	23.	20.0
2011	5	12	5	-9900.0	-9900.0	1.4	4.0	11.	25.0
2011	5	12	6	-9900.0	-9900.0	1.1	3.4	1011.	28.0
2011	5	12	7	-9900.0	-9900.0	0.3	1.2	2020.	27.0
2011	5	12	8	-9900.0	-9900.0	0.7	1.6	1018.	26.0
2011	5	12	9	-9900.0	-9900.0	0.6	1.6	11.	15.0
2011	5	12	10	-9900.0	-9900.0	0.4	1.2	2012.	6.0
2011	5	12	11	-9900.0	-9900.0	0.8	2.5	19.	0.0
2011	5	12	12	-9900.0	-9900.0	1.3	2.8	1012.	0.0
2011	5	12	13	-9900.0	-9900.0	2.1	5.6	1024.	42.0
2011	5	12	14	-9900.0	-9900.0	3.5	7.1	27.	36.0
2011	5	12	15	-9900.0	-9900.0	1.1	2.8	10.	7.0
2011	5	12	16	-9900.0	-9900.0	1.3	3.7	9.	0.0



2011	5	12	17	-9900.0	-9900.0	4.7	8.4	25.	243.0
2011	5	12	18	-9900.0	-9900.0	4.6	8.1	26.	25.0
2011	5	12	19	-9900.0	-9900.0	4.3	8.7	27.	6.0
2011	5	12	20	-9900.0	-9900.0	4.1	8.7	25.	15.0
2011	5	12	21	-9900.0	-9900.0	2.7	5.6	25.	13.0
2011	5	12	22	-9900.0	-9900.0	2.2	6.2	24.	19.0
2011	5	12	23	-9900.0	-9900.0	1.5	2.8	8.	16.0
2011	5	12	24	-9900.0	-9900.0	0.7	1.9	10.	27.0
2011	5	13	1	-9900.0	-9900.0	0.8	1.9	10.	12.0
2011	5	13	2	-9900.0	-9900.0	0.9	2.2	11.	11.0
2011	5	13	3	-9900.0	-9900.0	1.1	2.8	9.	11.0
2011	5	13	4	-9900.0	-9900.0	1.2	3.1	10.	15.0
2011	5	13	5	-9900.0	-9900.0	0.6	1.9	11.	13.0
2011	5	13	6	-9900.0	-9900.0	0.6	1.6	11.	15.0
2011	5	13	7	-9900.0	-9900.0	0.9	2.5	9.	1.0
2011	5	13	8	-9900.0	-9900.0	0.5	1.9	6.	9.0
2011	5	13	9	-9900.0	-9900.0	1.4	3.4	24.	18.0
2011	5	13	10	-9900.0	-9900.0	1.0	2.2	1023.	19.0
2011	5	13	11	-9900.0	-9900.0	1.6	3.4	11.	9.0
2011	5	13	12	-9900.0	-9900.0	1.9	4.4	25.	14.0
2011	5	13	13	-9900.0	-9900.0	1.4	3.1	9.	8.0
2011	5	13	14	-9900.0	-9900.0	0.7	2.8	1035.	3.0
2011	5	13	15	-9900.0	-9900.0	1.2	3.7	6.	5.0
2011	5	13	16	-9900.0	-9900.0	1.2	2.8	3.	0.0
2011	5	13	17	-9900.0	-9900.0	0.6	2.5	31.	9.0
2011	5	13	18	-9900.0	-9900.0	1.2	2.5	8.	2.0
2011	5	13	19	-9900.0	-9900.0	1.2	3.7	6.	2.0
2011	5	13	20	-9900.0	-9900.0	0.8	3.1	1.	7.0
2011	5	13	21	-9900.0	-9900.0	0.8	2.2	4.	6.0
2011	5	13	22	-9900.0	-9900.0	1.6	3.7	7.	5.0
2011	5	13	23	-9900.0	-9900.0	0.8	2.2	10.	6.0
2011	5	13	24	-9900.0	-9900.0	1.5	3.1	10.	4.0
2011	5	14	1	-9900.0	-0.1	1.1	2.5	10.	11.0
2011	5	14	2	-9900.0	0.0	0.6	1.9	8.	11.0
2011	5	14	3	-9900.0	0.0	0.3	1.2	2008.	5.0
2011	5	14	4	-9900.0	-0.1	1.5	2.8	10.	7.0
2011	5	14	5	-9900.0	0.0	0.9	1.9	10.	8.0
2011	5	14	6	-9900.0	0.2	1.0	2.2	14.	13.0
2011	5	14	7	-9900.0	-0.1	1.3	3.1	11.	3.0
2011	5	14	8	-9900.0	-0.3	0.6	1.6	11.	5.0
2011	5	14	9	-9900.0	-0.5	0.9	2.2	22.	16.0
2011	5	14	10	-9900.0	-0.4	1.3	2.5	24.	13.0
2011	5	14	11	-9900.0	-0.5	1.6	2.8	24.	18.0
2011	5	14	12	-9900.0	-0.5	1.6	2.8	24.	23.0
2011	5	14	13	-9900.0	-0.4	1.5	2.8	24.	27.0
2011	5	14	14	-9900.0	-0.5	1.2	5.6	24.	13.0
2011	5	14	15	-9900.0	-0.6	0.5	3.4	35.	15.0
2011	5	14	16	-9900.0	-0.4	0.5	2.2	28.	17.0
2011	5	14	17	-9900.0	-0.4	0.7	2.2	24.	25.0
2011	5	14	18	-9900.0	-0.4	1.0	2.2	5.	4.0
2011	5	14	19	-9900.0	-0.6	0.2	1.2	2005.	7.0
2011	5	14	20	-9900.0	-0.3	1.1	3.4	1024.	4.0
2011	5	14	21	-9900.0	-0.3	0.9	1.9	1007.	6.0
2011	5	14	22	-9900.0	-0.3	1.4	2.5	9.	7.0
2011	5	14	23	-9900.0	-0.2	1.6	2.5	10.	8.0
2011	5	14	24	-9900.0	-0.3	0.9	1.9	9.	10.0
2011	5	15	1	-9900.0	-0.2	0.6	1.6	9.	2.0
2011	5	15	2	-9900.0	-0.3	0.5	1.6	9.	2.0

2011	5	15	3	-9900.0	-0.2	0.8	1.2	9.	7.0
2011	5	15	4	-9900.0	-0.2	1.1	2.2	10.	3.0
2011	5	15	5	-9900.0	-0.1	0.5	1.6	11.	8.0
2011	5	15	6	-9900.0	-0.2	0.4	1.2	11.	10.0
2011	5	15	7	-9900.0	-0.2	0.6	1.6	11.	6.0
2011	5	15	8	-9900.0	-0.3	0.6	1.9	12.	6.0
2011	5	15	9	-9900.0	-0.4	0.8	1.9	21.	15.0
2011	5	15	10	-9900.0	-0.5	0.6	1.9	23.	9.0
2011	5	15	11	-9900.0	-0.5	0.4	1.6	23.	13.0
2011	5	15	12	-9900.0	-0.6	0.3	1.2	2023.	9.0
2011	5	15	13	-9900.0	-0.5	0.4	1.9	2021.	11.0
2011	5	15	14	-9900.0	-0.4	0.9	3.4	1022.	7.0
2011	5	15	15	-9900.0	-0.3	1.5	3.4	9.	17.0
2011	5	15	16	-9900.0	-0.4	2.4	5.0	9.	1.0
2011	5	15	17	-9900.0	-0.6	3.8	8.4	26.	0.0
2011	5	15	18	-9900.0	-0.6	4.3	8.4	25.	3.0
2011	5	15	19	-9900.0	-0.8	4.2	8.4	26.	3.0
2011	5	15	20	-9900.0	-0.6	3.9	7.8	25.	21.0
2011	5	15	21	-9900.0	-0.4	1.9	5.3	23.	21.0
2011	5	15	22	-9900.0	-0.3	2.1	6.2	23.	15.0
2011	5	15	23	-9900.0	-0.1	1.3	4.7	22.	19.0
2011	5	15	24	-9900.0	-0.1	0.8	2.8	1007.	18.0
2011	5	16	1	-9900.0	0.0	0.8	1.9	28.	15.0
2011	5	16	2	-9900.0	-0.1	1.3	2.5	9.	5.0
2011	5	16	3	-9900.0	-0.1	0.7	1.9	7.	7.0
2011	5	16	4	-9900.0	-0.1	0.9	2.5	11.	6.0
2011	5	16	5	-9900.0	-0.1	0.8	1.9	10.	10.0
2011	5	16	6	-9900.0	-0.3	0.5	1.6	10.	7.0
2011	5	16	7	-9900.0	-0.3	0.3	1.2	2011.	6.0
2011	5	16	8	-9900.0	-0.5	0.3	1.2	2014.	4.0
2011	5	16	9	-9900.0	-0.5	0.6	1.9	13.	10.0
2011	5	16	10	-9900.0	-0.7	0.8	2.2	1027.	4.0
2011	5	16	11	-9900.0	-0.7	1.2	3.1	25.	6.0
2011	5	16	12	-9900.0	-0.8	1.9	3.1	24.	6.0
2011	5	16	13	-9900.0	-0.9	1.8	3.7	24.	9.0
2011	5	16	14	-9900.0	-0.9	2.1	5.0	24.	12.0
2011	5	16	15	-9900.0	-0.9	3.1	5.6	26.	8.0
2011	5	16	16	-9900.0	-1.0	1.6	3.4	24.	11.0
2011	5	16	17	-9900.0	-0.7	2.3	4.4	26.	15.0
2011	5	16	18	-9900.0	-0.6	0.9	2.5	1036.	12.0
2011	5	16	19	-9900.0	-0.6	1.1	3.4	36.	8.0
2011	5	16	20	-9900.0	-0.4	1.4	4.4	24.	19.0
2011	5	16	21	-9900.0	-0.2	1.4	3.7	25.	19.0
2011	5	16	22	-9900.0	-0.4	0.5	1.6	23.	19.0
2011	5	16	23	-9900.0	-0.5	0.5	1.6	16.	13.0
2011	5	16	24	-9900.0	-0.4	0.3	1.2	2014.	8.0
2011	5	17	1	-9900.0	-0.4	0.5	1.6	14.	9.0
2011	5	17	2	-9900.0	-0.4	0.5	1.6	15.	1.0
2011	5	17	3	-9900.0	-0.5	0.0	0.6	-9900.	4.0
2011	5	17	4	-9900.0	-0.4	0.1	0.6	-9900.	5.0
2011	5	17	5	-9900.0	-0.3	0.2	1.2	2014.	6.0
2011	5	17	6	-9900.0	-0.5	0.3	1.2	2013.	5.0
2011	5	17	7	-9900.0	-0.4	0.7	2.5	12.	7.0
2011	5	17	8	-9900.0	-0.3	0.9	2.5	8.	6.0
2011	5	17	9	-9900.0	-0.2	1.4	3.1	1016.	5.0
2011	5	17	10	-9900.0	-0.3	0.7	2.2	17.	1.0
2011	5	17	11	-9900.0	-0.3	1.5	6.2	23.	0.0
2011	5	17	12	-9900.0	-0.3	2.1	5.3	22.	0.0
2011	5	17	13	-9900.0	-0.4	1.3	5.6	1014.	6.0

2011	5	17	14	-9900.0	-0.3	1.7	7.5	1017.	0.0
2011	5	17	15	-9900.0	-0.3	4.2	10.6	24.	6.0
2011	5	17	16	-9900.0	-0.5	3.6	9.3	24.	4.0
2011	5	17	17	-9900.0	-0.4	2.2	11.5	1023.	0.0
2011	5	17	18	-9900.0	-0.6	4.3	12.7	25.	13.0
2011	5	17	19	-9900.0	-0.3	1.5	5.6	1022.	16.0
2011	5	17	20	-9900.0	-0.3	1.3	3.4	1011.	10.0
2011	5	17	21	-9900.0	-0.2	1.3	3.1	9.	10.0
2011	5	17	22	-9900.0	-0.2	0.7	1.9	10.	8.0
2011	5	17	23	-9900.0	-0.2	0.9	1.9	11.	6.0
2011	5	17	24	-9900.0	-0.1	0.9	2.5	10.	5.0
2011	5	18	1	-9900.0	0.0	0.8	1.9	10.	4.0
2011	5	18	2	-9900.0	-0.1	1.1	2.8	11.	3.0
2011	5	18	3	-9900.0	-0.1	0.5	1.6	10.	4.0
2011	5	18	4	-9900.0	-0.1	0.7	2.2	1024.	3.0
2011	5	18	5	-9900.0	-0.1	0.8	1.6	24.	7.0
2011	5	18	6	-9900.0	-0.2	0.6	1.6	23.	4.0
2011	5	18	7	-9900.0	-0.2	0.3	1.2	16.	8.0
2011	5	18	8	-9900.0	-0.3	0.3	0.9	2016.	4.0
2011	5	18	9	-9900.0	-0.2	0.5	1.6	15.	8.0
2011	5	18	10	-9900.0	-0.3	0.7	2.5	27.	5.0
2011	5	18	11	-9900.0	-0.2	0.4	1.2	27.	11.0
2011	5	18	12	-9900.0	-0.4	0.8	2.5	8.	7.0
2011	5	18	13	-9900.0	-0.3	1.5	4.7	1007.	15.0
2011	5	18	14	-9900.0	-0.4	1.1	4.4	1024.	14.0
2011	5	18	15	-9900.0	-0.4	1.0	3.1	25.	18.0
2011	5	18	16	-9900.0	-0.4	1.2	3.7	24.	29.0
2011	5	18	17	-9900.0	-0.4	0.8	2.8	25.	27.0
2011	5	18	18	-9900.0	-0.4	0.7	2.2	34.	38.0
2011	5	18	19	-9900.0	-0.3	1.6	5.3	1026.	5.0
2011	5	18	20	-9900.0	-0.1	3.2	8.4	24.	1.0
2011	5	18	21	-9900.0	-0.1	3.7	8.7	24.	27.0
2011	5	18	22	-9900.0	-0.1	3.2	7.8	25.	67.0
2011	5	18	23	-9900.0	-0.1	2.0	5.3	25.	33.0
2011	5	18	24	-9900.0	-0.1	1.0	2.2	12.	36.0
2011	5	19	1	-9900.0	-0.2	1.2	2.5	11.	34.0
2011	5	19	2	-9900.0	-0.1	0.7	1.9	11.	17.0
2011	5	19	3	-9900.0	-0.1	3.1	8.4	25.	27.0
2011	5	19	4	-9900.0	0.0	4.1	10.3	24.	21.0
2011	5	19	5	-9900.0	-0.1	3.4	8.1	23.	27.0
2011	5	19	6	-9900.0	0.0	3.7	10.3	24.	46.0
2011	5	19	7	-9900.0	-0.1	3.3	7.8	23.	17.0
2011	5	19	8	-9900.0	-0.1	2.4	7.1	22.	6.0
2011	5	19	9	-9900.0	-0.2	4.3	10.3	25.	2.0
2011	5	19	10	-9900.0	-0.3	3.4	9.0	23.	0.0
2011	5	19	11	-9900.0	-0.4	5.2	9.9	25.	4.0
2011	5	19	12	-9900.0	-0.5	3.9	10.9	23.	22.0
2011	5	19	13	-9900.0	-0.4	3.7	9.3	23.	9.0
2011	5	19	14	-9900.0	-0.3	3.7	9.0	23.	13.0
2011	5	19	15	-9900.0	-0.3	2.9	7.5	23.	22.0
2011	5	19	16	-9900.0	-0.3	4.1	8.7	26.	16.0
2011	5	19	17	-9900.0	-0.4	5.1	10.9	26.	3.0
2011	5	19	18	-9900.0	-0.4	6.5	11.8	25.	23.0
2011	5	19	19	-9900.0	-0.4	4.5	10.3	25.	37.0
2011	5	19	20	-9900.0	-0.3	3.5	8.7	24.	38.0
2011	5	19	21	-9900.0	-0.2	3.1	9.3	25.	35.0
2011	5	19	22	-9900.0	0.1	1.1	3.4	1024.	26.0
2011	5	19	23	-9900.0	0.1	0.9	2.2	9.	31.0
2011	5	19	24	-9900.0	0.1	0.9	1.9	8.	19.0

2011	5	20	1	-9900.0	0.4	0.8	1.9	11.	14.0
2011	5	20	2	-9900.0	0.6	0.6	1.9	11.	12.0
2011	5	20	3	-9900.0	0.6	1.1	1.9	11.	14.0
2011	5	20	4	-9900.0	0.5	0.8	1.9	11.	12.0
2011	5	20	5	-9900.0	0.1	0.7	1.9	12.	14.0
2011	5	20	6	-9900.0	0.1	0.6	1.6	13.	14.0
2011	5	20	7	-9900.0	-0.1	0.4	1.2	16.	11.0
2011	5	20	8	-9900.0	-0.2	0.6	2.5	17.	4.0
2011	5	20	9	-9900.0	-0.4	1.1	3.4	24.	42.0
2011	5	20	10	-9900.0	-0.6	0.7	2.2	24.	16.0
2011	5	20	11	-9900.0	-0.6	1.4	3.7	24.	21.0
2011	5	20	12	-9900.0	-0.6	1.2	2.8	24.	26.0
2011	5	20	13	-9900.0	-0.5	0.7	2.5	1024.	42.0
2011	5	20	14	-9900.0	-0.4	1.1	2.5	11.	49.0
2011	5	20	15	-9900.0	-0.3	1.4	3.1	8.	23.0
2011	5	20	16	-9900.0	-0.4	0.7	2.2	13.	31.0
2011	5	20	17	-9900.0	-0.3	1.2	3.4	25.	35.0
2011	5	20	18	-9900.0	-0.3	0.6	1.9	1026.	43.0
2011	5	20	19	-9900.0	-0.3	0.9	3.1	9.	38.0
2011	5	20	20	-9900.0	-0.2	1.1	2.5	10.	18.0
2011	5	20	21	-9900.0	-0.1	3.8	13.4	24.	16.0
2011	5	20	22	-9900.0	0.0	2.4	9.9	22.	4.0
2011	5	20	23	-9900.0	0.1	2.2	5.9	24.	20.0
2011	5	20	24	-9900.0	0.2	2.3	4.7	25.	21.0
2011	5	21	1	-9900.0	0.5	1.4	3.7	13.	38.0
2011	5	21	2	-9900.0	0.7	1.1	2.5	12.	11.0
2011	5	21	3	-9900.0	0.5	1.0	2.5	7.	9.0
2011	5	21	4	-9900.0	0.0	0.7	1.6	7.	9.0
2011	5	21	5	-9900.0	0.4	0.8	2.2	11.	7.0
2011	5	21	6	-9900.0	0.1	1.1	2.5	9.	10.0
2011	5	21	7	-9900.0	-0.1	0.9	2.5	5.	8.0
2011	5	21	8	-9900.0	-0.1	1.4	3.1	8.	10.0
2011	5	21	9	-9900.0	-0.2	0.8	2.5	10.	2.0
2011	5	21	10	-9900.0	-0.3	0.6	1.9	10.	7.0
2011	5	21	11	-9900.0	-0.4	1.0	3.4	10.	4.0
2011	5	21	12	-9900.0	-0.4	0.8	2.5	1022.	0.0
2011	5	21	13	-9900.0	-0.4	4.8	11.2	25.	6.0
2011	5	21	14	-9900.0	-0.7	7.8	12.1	25.	32.0
2011	5	21	15	-9900.0	-0.4	6.4	13.1	25.	31.0
2011	5	21	16	-9900.0	-0.4	2.7	8.7	26.	21.0
2011	5	21	17	-9900.0	-0.6	5.6	11.5	26.	16.0
2011	5	21	18	-9900.0	-0.7	6.3	8.7	26.	14.0
2011	5	21	19	-9900.0	-0.5	4.9	8.1	25.	29.0
2011	5	21	20	-9900.0	-0.4	2.6	6.5	25.	22.0
2011	5	21	21	-9900.0	0.0	1.3	4.4	1027.	31.0
2011	5	21	22	-9900.0	0.1	0.7	2.5	6.	27.0
2011	5	21	23	-9900.0	0.0	1.0	2.5	9.	17.0
2011	5	21	24	-9900.0	0.0	1.4	2.8	7.	9.0
2011	5	22	1	-9900.0	0.1	1.4	4.7	1021.	15.0
2011	5	22	2	-9900.0	0.1	0.5	1.9	11.	16.0
2011	5	22	3	-9900.0	0.8	0.7	1.9	12.	15.0
2011	5	22	4	-9900.0	0.2	0.9	3.4	11.	13.0
2011	5	22	5	-9900.0	0.2	1.0	2.5	12.	10.0
2011	5	22	6	-9900.0	0.1	1.6	3.1	11.	12.0
2011	5	22	7	-9900.0	-0.1	1.2	2.8	1022.	11.0
2011	5	22	8	-9900.0	0.0	1.0	2.8	7.	4.0
2011	5	22	9	-9900.0	-0.1	1.9	8.1	5.	8.0
2011	5	22	10	-9900.0	-0.5	2.9	8.7	6.	17.0

2011	5	22	11	-9900.0	-0.5	1.8	6.8	3.	30.0
2011	5	22	12	-9900.0	-0.5	2.8	8.4	4.	28.0
2011	5	22	13	-9900.0	-0.5	3.0	9.0	5.	15.0
2011	5	22	14	-9900.0	-0.7	3.3	11.8	30.	15.0
2011	5	22	15	-9900.0	-0.6	3.7	17.1	24.	34.0
2011	5	22	16	-9900.0	-0.5	3.2	7.8	24.	36.0
2011	5	22	17	-9900.0	-0.4	3.8	12.1	25.	9.0
2011	5	22	18	-9900.0	-0.4	2.5	7.8	24.	12.0
2011	5	22	19	-9900.0	-0.4	4.0	9.3	24.	1.0
2011	5	22	20	-9900.0	-0.4	3.4	9.9	1027.	20.0
2011	5	22	21	-9900.0	-0.2	1.0	3.4	7.	28.0
2011	5	22	22	-9900.0	-0.1	1.7	4.0	1004.	3.0
2011	5	22	23	-9900.0	-0.1	1.3	3.7	1026.	24.0
2011	5	22	24	-9900.0	0.0	3.5	10.3	25.	15.0
2011	5	23	1	-9900.0	0.0	2.9	6.5	25.	17.0
2011	5	23	2	-9900.0	-0.1	2.7	9.6	23.	4.0
2011	5	23	3	-9900.0	0.0	2.0	7.5	20.	13.0
2011	5	23	4	-9900.0	-0.1	1.5	4.7	1012.	15.0
2011	5	23	5	-9900.0	-0.1	1.6	3.1	10.	13.0
2011	5	23	6	-9900.0	0.0	1.4	3.1	11.	18.0
2011	5	23	7	-9900.0	-0.1	1.3	2.8	10.	18.0
2011	5	23	8	-9900.0	-0.1	1.4	5.9	1005.	7.0
2011	5	23	9	-9900.0	-0.3	3.3	9.0	23.	1.0
2011	5	23	10	-9900.0	-0.9	5.2	9.9	25.	0.0
2011	5	23	11	-9900.0	-0.8	5.3	9.3	25.	20.0
2011	5	23	12	-9900.0	-0.8	6.7	10.6	25.	39.0
2011	5	23	13	-9900.0	-1.0	5.9	10.9	25.	38.0
2011	5	23	14	-9900.0	-0.5	3.9	8.7	27.	31.0
2011	5	23	15	-9900.0	-0.4	2.1	9.0	22.	27.0
2011	5	23	16	-9900.0	-0.5	0.9	3.4	1024.	27.0
2011	5	23	17	-9900.0	-0.4	1.1	2.8	8.	21.0
2011	5	23	18	-9900.0	-0.3	1.7	3.7	10.	19.0
2011	5	23	19	-9900.0	-0.2	1.9	4.4	10.	5.0
2011	5	23	20	-9900.0	-0.2	0.9	2.2	1021.	39.0
2011	5	23	21	-9900.0	-0.3	1.2	4.4	1008.	72.0
2011	5	23	22	-9900.0	-0.1	1.6	5.3	11.	54.0
2011	5	23	23	-9900.0	0.2	4.0	10.9	25.	0.0
2011	5	23	24	-9900.0	0.0	6.9	16.2	25.	3.0
2011	5	24	1	-9900.0	0.0	8.0	14.6	25.	55.0
2011	5	24	2	-9900.0	0.0	7.8	17.7	25.	55.0
2011	5	24	3	-9900.0	-0.2	8.0	16.8	25.	42.0
2011	5	24	4	-9900.0	-0.1	8.6	16.2	24.	29.0
2011	5	24	5	-9900.0	-0.1	9.4	20.2	25.	24.0
2011	5	24	6	-9900.0	0.0	9.1	18.6	24.	16.0
2011	5	24	7	-9900.0	-0.1	6.3	14.3	24.	6.0
2011	5	24	8	-9900.0	-0.1	5.2	11.8	23.	3.0
2011	5	24	9	-9900.0	0.0	3.3	9.3	22.	3.0
2011	5	24	10	-9900.0	-0.1	3.8	9.6	25.	15.0
2011	5	24	11	-9900.0	-0.1	3.4	9.0	23.	7.0
2011	5	24	12	-9900.0	-0.1	3.6	9.6	23.	1.0
2011	5	24	13	-9900.0	-0.2	3.6	11.2	24.	8.0
2011	5	24	14	-9900.0	-0.2	4.6	9.3	25.	50.0
2011	5	24	15	-9900.0	-0.4	7.5	14.0	25.	299.0
2011	5	24	16	-9900.0	-0.3	7.8	14.3	25.	292.0
2011	5	24	17	-9900.0	-0.2	5.3	12.4	24.	273.0
2011	5	24	18	-9900.0	-0.2	4.9	10.9	24.	228.0
2011	5	24	19	-9900.0	0.0	6.3	12.1	26.	350.0
2011	5	24	20	-9900.0	-0.2	5.4	11.5	25.	238.0
2011	5	24	21	-9900.0	0.0	4.9	10.3	25.	193.0

2011	5	24	22	-9900.0	0.0	2.8	7.8	24.	42.0
2011	5	24	23	-9900.0	0.0	3.0	8.7	22.	14.0
2011	5	24	24	-9900.0	-0.1	4.0	10.6	23.	23.0
2011	5	25	1	-9900.0	-0.1	2.4	9.0	24.	5.0
2011	5	25	2	-9900.0	0.0	1.7	5.9	1028.	6.0
2011	5	25	3	-9900.0	0.0	2.4	9.0	19.	10.0
2011	5	25	4	-9900.0	-0.1	2.0	5.9	24.	7.0
2011	5	25	5	-9900.0	0.0	4.2	10.9	26.	10.0
2011	5	25	6	-9900.0	-0.1	6.0	12.4	25.	16.0
2011	5	25	7	-9900.0	0.0	2.0	9.3	22.	8.0
2011	5	25	8	-9900.0	0.0	2.2	9.3	23.	6.0
2011	5	25	9	-9900.0	0.0	2.2	5.9	22.	11.0
2011	5	25	10	-9900.0	0.1	2.3	8.1	21.	4.0
2011	5	25	11	-9900.0	0.0	2.5	9.6	22.	5.0
2011	5	25	12	-9900.0	-0.3	3.6	9.6	24.	0.0
2011	5	25	13	-9900.0	-0.5	3.4	8.1	24.	0.0
2011	5	25	14	-9900.0	-0.7	3.4	6.8	25.	2.0
2011	5	25	15	-9900.0	-0.5	4.1	7.8	25.	12.0
2011	5	25	16	-9900.0	-0.6	5.2	8.7	24.	11.0
2011	5	25	17	-9900.0	-0.6	3.2	5.9	26.	17.0
2011	5	25	18	-9900.0	-0.3	2.7	5.3	25.	19.0
2011	5	25	19	-9900.0	-0.2	0.8	3.1	24.	16.0
2011	5	25	20	-9900.0	-0.2	1.0	2.2	11.	14.0
2011	5	25	21	-9900.0	0.0	0.9	4.7	1012.	14.0
2011	5	25	22	-9900.0	-0.1	1.4	3.1	9.	19.0
2011	5	25	23	-9900.0	-0.1	1.1	2.2	10.	14.0
2011	5	25	24	-9900.0	0.1	0.9	1.9	10.	8.0
2011	5	26	1	-9900.0	0.1	0.8	2.2	11.	6.0
2011	5	26	2	-9900.0	0.1	0.6	1.2	12.	4.0
2011	5	26	3	-9900.0	-0.2	0.2	0.6	2012.	7.0
2011	5	26	4	-9900.0	-0.2	0.2	0.6	2012.	7.0
2011	5	26	5	-9900.0	-0.2	0.4	1.2	2012.	10.0
2011	5	26	6	-9900.0	-0.1	0.5	1.6	13.	9.0
2011	5	26	7	-9900.0	-0.2	0.6	2.2	16.	14.0
2011	5	26	8	-9900.0	-0.2	0.4	1.9	22.	21.0
2011	5	26	9	-9900.0	-0.4	0.6	2.2	19.	11.0
2011	5	26	10	-9900.0	-0.3	1.1	3.7	1024.	10.0
2011	5	26	11	-9900.0	-0.8	1.2	2.8	1024.	0.0
2011	5	26	12	-9900.0	-1.0	2.0	4.0	24.	3.0
2011	5	26	13	-9900.0	-1.1	1.7	3.7	24.	23.0
2011	5	26	14	-9900.0	-0.6	0.8	2.8	22.	54.0
2011	5	26	15	-9900.0	-0.8	1.2	2.2	23.	29.0
2011	5	26	16	-9900.0	-1.0	1.5	5.9	22.	30.0
2011	5	26	17	-9900.0	-0.5	3.5	6.8	7.	32.0
2011	5	26	18	-9900.0	-0.4	3.1	7.8	8.	37.0
2011	5	26	19	-9900.0	-0.5	3.9	8.1	7.	32.0
2011	5	26	20	-9900.0	-0.1	2.4	5.6	8.	25.0
2011	5	26	21	-9900.0	-0.3	3.9	7.8	8.	24.0
2011	5	26	22	-9900.0	-0.2	4.3	11.5	7.	20.0
2011	5	26	23	-9900.0	-0.2	3.4	7.1	7.	15.0
2011	5	26	24	-9900.0	-0.3	2.9	6.5	6.	5.0
2011	5	27	1	-9900.0	-0.2	3.8	8.7	8.	3.0
2011	5	27	2	-9900.0	0.0	2.7	5.0	9.	1.0
2011	5	27	3	-9900.0	-0.1	2.7	5.9	9.	3.0
2011	5	27	4	-9900.0	0.1	1.9	4.7	7.	13.0
2011	5	27	5	-9900.0	-0.1	0.7	1.9	8.	8.0
2011	5	27	6	-9900.0	-0.2	0.8	1.9	8.	6.0
2011	5	27	7	-9900.0	-0.2	1.5	2.8	10.	8.0

2011	5	27	8	-9900.0	-0.5	0.4	1.6	9.	3.0
2011	5	27	9	-9900.0	-0.6	0.6	1.9	18.	7.0
2011	5	27	10	-9900.0	-0.9	1.0	3.7	21.	2.0
2011	5	27	11	-9900.0	-1.0	2.2	4.0	24.	8.0
2011	5	27	12	-9900.0	-0.4	1.7	3.7	22.	21.0
2011	5	27	13	-9900.0	-0.7	0.6	1.9	18.	11.0
2011	5	27	14	-9900.0	-0.5	1.0	3.1	21.	22.0
2011	5	27	15	-9900.0	-0.9	0.9	2.8	22.	4.0
2011	5	27	16	-9900.0	-1.0	1.2	5.3	23.	22.0
2011	5	27	17	-9900.0	-0.7	0.8	2.2	22.	23.0
2011	5	27	18	-9900.0	-0.5	2.2	9.6	1011.	14.0
2011	5	27	19	-9900.0	-0.2	1.5	6.2	1023.	13.0
2011	5	27	20	-9900.0	-0.3	3.1	9.0	25.	12.0
2011	5	27	21	-9900.0	-0.2	3.9	8.4	26.	8.0
2011	5	27	22	-9900.0	-0.3	2.7	8.1	23.	12.0
2011	5	27	23	-9900.0	-0.2	3.3	7.1	26.	6.0
2011	5	27	24	-9900.0	-0.2	1.3	5.3	25.	14.0
2011	5	28	1	-9900.0	-0.1	1.1	4.0	1016.	27.0
2011	5	28	2	-9900.0	0.2	1.2	4.4	1017.	8.0
2011	5	28	3	-9900.0	0.6	1.3	2.5	11.	11.0
2011	5	28	4	-9900.0	0.1	1.2	2.5	9.	6.0
2011	5	28	5	-9900.0	-0.1	1.2	2.2	9.	5.0
2011	5	28	6	-9900.0	-0.2	0.8	1.9	7.	7.0
2011	5	28	7	-9900.0	-0.2	0.4	0.9	7.	2.0
2011	5	28	8	-9900.0	-0.3	0.4	1.6	8.	7.0
2011	5	28	9	-9900.0	-0.4	0.4	1.6	8.	12.0
2011	5	28	10	-9900.0	-0.5	0.6	1.6	8.	15.0
2011	5	28	11	-9900.0	-0.6	0.5	1.9	19.	16.0
2011	5	28	12	-9900.0	-0.6	0.7	1.9	21.	18.0
2011	5	28	13	-9900.0	-0.6	0.6	1.6	23.	14.0
2011	5	28	14	-9900.0	-0.5	1.5	5.0	1005.	26.0
2011	5	28	15	-9900.0	-0.5	1.1	4.0	1025.	30.0
2011	5	28	16	-9900.0	-0.4	3.7	9.6	25.	0.0
2011	5	28	17	-9900.0	-0.3	5.8	11.8	25.	0.0
2011	5	28	18	-9900.0	-0.4	5.5	9.6	25.	14.0
2011	5	28	19	-9900.0	-0.4	3.3	7.5	24.	4.0
2011	5	28	20	-9900.0	-0.2	1.5	6.5	1008.	13.0
2011	5	28	21	-9900.0	-0.1	1.0	2.8	9.	5.0
2011	5	28	22	-9900.0	-0.3	1.0	2.2	11.	6.0
2011	5	28	23	-9900.0	-0.2	0.7	1.6	11.	6.0
2011	5	28	24	-9900.0	-0.2	0.5	1.2	11.	1.0
2011	5	29	1	-9900.0	-0.1	0.7	1.9	12.	1.0
2011	5	29	2	-9900.0	-0.1	0.5	1.9	15.	3.0
2011	5	29	3	-9900.0	-0.2	0.8	1.9	13.	4.0
2011	5	29	4	-9900.0	-0.2	0.8	1.6	10.	2.0
2011	5	29	5	-9900.0	-0.1	1.3	3.7	6.	4.0
2011	5	29	6	-9900.0	-0.1	1.6	3.7	7.	2.0
2011	5	29	7	-9900.0	-0.1	1.0	3.1	8.	1.0
2011	5	29	8	-9900.0	-0.1	0.5	1.9	33.	1.0
2011	5	29	9	-9900.0	-0.3	0.8	1.9	5.	0.0
2011	5	29	10	-9900.0	-0.4	0.6	2.8	1.	3.0
2011	5	29	11	-9900.0	-0.5	1.3	3.7	1023.	5.0
2011	5	29	12	-9900.0	-0.8	1.1	3.4	24.	1.0
2011	5	29	13	-9900.0	-0.5	2.4	8.1	22.	18.0
2011	5	29	14	-9900.0	-0.4	4.4	10.9	25.	17.0
2011	5	29	15	-9900.0	-0.5	4.2	10.6	24.	16.0
2011	5	29	16	-9900.0	-0.5	2.9	7.1	24.	24.0
2011	5	29	17	-9900.0	-0.3	1.9	6.8	24.	18.0
2011	5	29	18	-9900.0	-0.3	1.7	6.8	1025.	20.0

2011	5	29	19	-9900.0	-0.4	0.7	4.0	12.	28.0
2011	5	29	20	-9900.0	-0.4	0.6	2.5	10.	25.0
2011	5	29	21	-9900.0	-0.3	0.8	2.5	10.	16.0
2011	5	29	22	-9900.0	-0.2	1.5	6.5	11.	21.0
2011	5	29	23	-9900.0	-0.1	5.0	13.4	25.	12.0
2011	5	29	24	-9900.0	0.0	4.4	11.2	23.	4.0
2011	5	30	1	-9900.0	-0.1	4.3	9.6	24.	5.0
2011	5	30	2	-9900.0	0.1	3.2	8.1	24.	1.0
2011	5	30	3	-9900.0	0.3	1.8	5.9	22.	8.0
2011	5	30	4	-9900.0	0.2	1.5	5.3	21.	7.0
2011	5	30	5	-9900.0	0.0	1.4	5.0	22.	8.0
2011	5	30	6	-9900.0	-0.1	1.2	5.9	1013.	11.0
2011	5	30	7	-9900.0	-0.3	1.4	4.7	28.	18.0
2011	5	30	8	-9900.0	-0.6	3.0	5.6	26.	2.0
2011	5	30	9	-9900.0	-0.7	3.0	7.5	26.	7.0
2011	5	30	10	-9900.0	-0.6	3.2	7.8	22.	25.0
2011	5	30	11	-9900.0	-0.5	4.1	9.0	24.	5.0
2011	5	30	12	-9900.0	-0.6	4.1	7.8	24.	8.0
2011	5	30	13	-9900.0	-0.9	4.7	8.1	26.	21.0
2011	5	30	14	-9900.0	-0.9	3.0	5.9	25.	10.0
2011	5	30	15	-9900.0	-1.4	1.1	2.8	13.	15.0
2011	5	30	16	-9900.0	-1.3	1.7	4.7	8.	20.0
2011	5	30	17	-9900.0	-0.7	2.1	6.8	1007.	17.0
2011	5	30	18	-9900.0	-0.3	1.7	7.1	21.	23.0
2011	5	30	19	-9900.0	-0.6	0.8	5.0	24.	20.0
2011	5	30	20	-9900.0	-0.6	0.8	1.9	1008.	32.0
2011	5	30	21	-9900.0	-0.6	0.5	1.6	9.	28.0
2011	5	30	22	-9900.0	-0.3	1.3	2.5	11.	10.0
2011	5	30	23	-9900.0	-0.3	0.5	1.9	10.	31.0
2011	5	30	24	-9900.0	-0.6	0.3	0.9	2010.	34.0
2011	5	31	1	-9900.0	-0.5	0.4	1.2	10.	28.0
2011	5	31	2	-9900.0	-0.5	0.4	1.2	10.	5.0
2011	5	31	3	-9900.0	-0.5	0.4	1.2	10.	0.0
2011	5	31	4	-9900.0	-0.5	0.2	0.9	2010.	1.0
2011	5	31	5	-9900.0	-0.5	0.2	0.9	2010.	3.0
2011	5	31	6	-9900.0	-0.3	1.0	3.1	1011.	3.0
2011	5	31	7	-9900.0	-0.4	0.5	1.9	1009.	7.0
2011	5	31	8	-9900.0	-0.5	0.7	2.5	11.	8.0
2011	5	31	9	-9900.0	-0.5	0.9	2.2	23.	15.0
2011	5	31	10	-9900.0	-0.6	0.8	2.5	22.	23.0
2011	5	31	11	-9900.0	-0.6	0.6	2.5	23.	30.0
2011	5	31	12	-9900.0	-0.6	0.7	1.9	21.	12.0
2011	5	31	13	-9900.0	-0.5	1.1	3.7	25.	13.0
2011	5	31	14	-9900.0	-0.4	1.7	5.9	22.	0.0
2011	5	31	15	-9900.0	-0.4	2.9	9.3	25.	0.0
2011	5	31	16	-9900.0	-0.4	1.5	4.0	24.	4.0
2011	5	31	17	-9900.0	-0.3	2.0	4.4	24.	8.0
2011	5	31	18	-9900.0	-0.5	1.1	3.7	1024.	13.0
2011	5	31	19	-9900.0	-0.4	1.1	3.7	1010.	11.0
2011	5	31	20	-9900.0	-0.5	1.4	5.3	11.	1.0
2011	5	31	21	-9900.0	-0.4	1.4	3.7	1005.	18.0
2011	5	31	22	-9900.0	0.1	0.8	2.8	1022.	15.0
2011	5	31	23	-9900.0	-0.1	0.7	2.8	1034.	11.0
2011	5	31	24	-9900.0	0.0	1.3	3.1	8.	11.0
MANGLER (ANT)		744	312		0	0	2	0	
MANGLER (%)		100.0	41.9		0.0	0.0	0.3	0.0	



PERIODE: 1/ 6 2011 - 30/ 6 2011

Par. 1: T-2m , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 2: T(10-, Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 3: FF , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 4: Gust , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 5: DD , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 6: PM10S, Stasjon 1661, Søndenaia (saud, Skal.faktor: 1.000

				T-2m	T(10-2m)	FF	Gust	DD	PM10S	on
				grader	grader	m/s	m/s	degrad	ug	m3
2011	6	1	1	-9900.0	-9900.0	1.4	3.1	6.	8.0	
2011	6	1	2	-9900.0	-9900.0	1.5	3.4	8.	3.0	
2011	6	1	3	-9900.0	-9900.0	1.0	1.9	9.	9.0	
2011	6	1	4	-9900.0	-9900.0	1.2	2.5	10.	4.0	
2011	6	1	5	-9900.0	-9900.0	0.7	1.6	13.	4.0	
2011	6	1	6	-9900.0	-9900.0	0.6	1.6	13.	5.0	
2011	6	1	7	-9900.0	-9900.0	0.6	1.9	16.	1.0	
2011	6	1	8	-9900.0	-9900.0	0.7	2.2	20.	4.0	
2011	6	1	9	-9900.0	-9900.0	0.7	1.9	24.	18.0	
2011	6	1	10	-9900.0	-9900.0	1.0	2.5	23.	17.0	
2011	6	1	11	-9900.0	-9900.0	1.0	2.5	24.	24.0	
2011	6	1	12	-9900.0	-9900.0	0.9	3.1	24.	13.0	
2011	6	1	13	-9900.0	-9900.0	0.7	2.2	20.	18.0	
2011	6	1	14	-9900.0	-9900.0	0.9	3.7	1008.	17.0	
2011	6	1	15	-9900.0	-9900.0	3.6	9.0	26.	30.0	
2011	6	1	16	-9900.0	-9900.0	5.2	13.7	26.	33.0	
2011	6	1	17	-9900.0	-9900.0	1.1	5.0	22.	21.0	
2011	6	1	18	-9900.0	-9900.0	2.5	5.9	25.	28.0	
2011	6	1	19	-9900.0	-9900.0	1.1	3.1	24.	33.0	
2011	6	1	20	-9900.0	-9900.0	0.7	1.9	1022.	33.0	
2011	6	1	21	-9900.0	-9900.0	0.6	2.8	20.	19.0	
2011	6	1	22	-9900.0	-9900.0	0.5	2.5	21.	12.0	
2011	6	1	23	-9900.0	-9900.0	0.4	1.6	2018.	17.0	
2011	6	1	24	-9900.0	-9900.0	0.5	1.6	15.	17.0	
2011	6	2	1	-9900.0	-9900.0	0.6	1.6	14.	9.0	
2011	6	2	2	-9900.0	-9900.0	1.3	4.0	1024.	6.0	
2011	6	2	3	-9900.0	-9900.0	3.3	6.5	26.	4.0	
2011	6	2	4	-9900.0	-9900.0	2.9	6.8	26.	4.0	
2011	6	2	5	-9900.0	-9900.0	2.5	8.1	25.	3.0	
2011	6	2	6	-9900.0	-9900.0	1.9	5.3	1026.	4.0	
2011	6	2	7	-9900.0	-9900.0	1.7	5.0	1004.	7.0	
2011	6	2	8	-9900.0	-9900.0	1.1	4.0	1021.	0.0	
2011	6	2	9	-9900.0	-9900.0	1.1	4.0	20.	10.0	
2011	6	2	10	-9900.0	-9900.0	1.1	4.0	20.	3.0	
2011	6	2	11	-9900.0	-9900.0	1.3	4.4	1021.	9.0	
2011	6	2	12	-9900.0	-9900.0	1.5	5.0	26.	14.0	
2011	6	2	13	-9900.0	-9900.0	1.5	5.3	1024.	3.0	
2011	6	2	14	-9900.0	-9900.0	1.0	3.1	4.	12.0	
2011	6	2	15	-9900.0	-9900.0	1.2	4.7	34.	10.0	
2011	6	2	16	-9900.0	-9900.0	2.7	6.8	26.	5.0	
2011	6	2	17	-9900.0	-9900.0	1.6	5.9	1025.	2.0	
2011	6	2	18	-9900.0	-9900.0	0.8	2.5	28.	0.0	
2011	6	2	19	-9900.0	-9900.0	0.9	3.4	1035.	9.0	
2011	6	2	20	-9900.0	-9900.0	1.0	2.8	1031.	1.0	
2011	6	2	21	-9900.0	-9900.0	0.9	2.2	7.	2.0	
2011	6	2	22	-9900.0	-9900.0	0.9	3.1	23.	4.0	

2011	6	2	23	-9900.0	-9900.0	0.6	2.5	28.	8.0
2011	6	2	24	-9900.0	-9900.0	0.7	1.6	5.	11.0
2011	6	3	1	-9900.0	-9900.0	0.8	1.9	1005.	13.0
2011	6	3	2	-9900.0	-9900.0	0.4	1.6	31.	7.0
2011	6	3	3	-9900.0	-9900.0	0.3	0.9	32.	11.0
2011	6	3	4	-9900.0	-9900.0	0.1	0.9	-9900.	4.0
2011	6	3	5	-9900.0	-9900.0	0.3	0.9	32.	5.0
2011	6	3	6	-9900.0	-9900.0	0.6	1.6	34.	17.0
2011	6	3	7	-9900.0	-9900.0	1.1	2.2	25.	9.0
2011	6	3	8	-9900.0	-9900.0	0.3	1.6	2023.	16.0
2011	6	3	9	-9900.0	-9900.0	0.4	1.2	22.	11.0
2011	6	3	10	-9900.0	-9900.0	1.2	2.5	23.	14.0
2011	6	3	11	-9900.0	-9900.0	1.1	2.2	24.	29.0
2011	6	3	12	-9900.0	-9900.0	1.6	3.7	24.	19.0
2011	6	3	13	-9900.0	-9900.0	1.7	3.1	24.	28.0
2011	6	3	14	-9900.0	-9900.0	1.1	2.2	22.	29.0
2011	6	3	15	-9900.0	-9900.0	1.9	2.8	24.	10.0
2011	6	3	16	-9900.0	-9900.0	1.8	3.4	23.	24.0
2011	6	3	17	-9900.0	-9900.0	1.5	2.5	22.	26.0
2011	6	3	18	-9900.0	-9900.0	1.7	3.4	21.	24.0
2011	6	3	19	-9900.0	-9900.0	1.1	2.2	23.	7.0
2011	6	3	20	-9900.0	-9900.0	0.8	2.5	22.	8.0
2011	6	3	21	-9900.0	-9900.0	0.7	2.5	30.	31.0
2011	6	3	22	-9900.0	-9900.0	0.6	2.2	1030.	24.0
2011	6	3	23	-9900.0	-9900.0	1.1	1.9	9.	17.0
2011	6	3	24	-9900.0	-9900.0	0.8	1.9	10.	13.0
2011	6	4	1	-9900.0	-9900.0	0.6	1.9	12.	8.0
2011	6	4	2	-9900.0	-9900.0	0.6	2.2	11.	3.0
2011	6	4	3	-9900.0	-9900.0	0.6	1.9	10.	6.0
2011	6	4	4	-9900.0	-9900.0	0.8	1.9	35.	3.0
2011	6	4	5	-9900.0	-9900.0	0.8	2.5	1011.	5.0
2011	6	4	6	-9900.0	-9900.0	0.6	1.6	11.	6.0
2011	6	4	7	-9900.0	-9900.0	1.2	3.7	10.	6.0
2011	6	4	8	-9900.0	-9900.0	0.9	3.7	1013.	14.0
2011	6	4	9	-9900.0	-9900.0	1.3	3.4	18.	5.0
2011	6	4	10	-9900.0	-9900.0	0.9	2.8	18.	0.0
2011	6	4	11	-9900.0	-9900.0	2.1	5.3	21.	1.0
2011	6	4	12	-9900.0	-9900.0	2.8	5.6	23.	10.0
2011	6	4	13	-9900.0	-9900.0	3.2	5.6	24.	16.0
2011	6	4	14	-9900.0	-9900.0	2.9	5.3	22.	15.0
2011	6	4	15	-9900.0	-9900.0	3.0	5.9	23.	12.0
2011	6	4	16	-9900.0	-9900.0	3.2	6.2	22.	7.0
2011	6	4	17	-9900.0	-9900.0	2.8	5.3	23.	8.0
2011	6	4	18	-9900.0	-9900.0	2.1	5.9	24.	7.0
2011	6	4	19	-9900.0	-9900.0	1.8	4.7	22.	12.0
2011	6	4	20	-9900.0	-9900.0	2.3	6.5	27.	12.0
2011	6	4	21	-9900.0	-9900.0	2.1	5.6	20.	22.0
2011	6	4	22	-9900.0	-9900.0	1.7	5.0	22.	22.0
2011	6	4	23	-9900.0	-9900.0	1.4	3.1	11.	25.0
2011	6	4	24	-9900.0	-9900.0	1.4	2.5	9.	18.0
2011	6	5	1	-9900.0	-9900.0	1.3	2.8	8.	15.0
2011	6	5	2	-9900.0	-9900.0	0.9	2.2	8.	7.0
2011	6	5	3	-9900.0	-9900.0	1.0	2.2	10.	5.0
2011	6	5	4	-9900.0	-9900.0	1.1	2.2	9.	3.0
2011	6	5	5	-9900.0	-9900.0	0.7	1.9	11.	3.0
2011	6	5	6	-9900.0	-9900.0	0.6	1.9	11.	0.0
2011	6	5	7	-9900.0	-9900.0	0.6	2.2	10.	0.0
2011	6	5	8	-9900.0	-9900.0	0.9	2.2	1013.	4.0

2011	6	5	9	-9900.0	-9900.0	1.0	1.9	22.	15.0
2011	6	5	10	-9900.0	-9900.0	1.6	2.8	23.	34.0
2011	6	5	11	-9900.0	-9900.0	1.5	3.1	22.	33.0
2011	6	5	12	-9900.0	-9900.0	2.3	3.7	24.	30.0
2011	6	5	13	-9900.0	-9900.0	2.1	4.0	23.	25.0
2011	6	5	14	-9900.0	-9900.0	2.6	4.4	23.	15.0
2011	6	5	15	-9900.0	-9900.0	2.5	5.3	24.	10.0
2011	6	5	16	-9900.0	-9900.0	2.7	6.5	27.	8.0
2011	6	5	17	-9900.0	-9900.0	3.0	6.5	30.	13.0
2011	6	5	18	-9900.0	-9900.0	3.3	8.4	27.	18.0
2011	6	5	19	-9900.0	-9900.0	4.3	7.8	25.	15.0
2011	6	5	20	-9900.0	-9900.0	4.1	8.7	25.	18.0
2011	6	5	21	-9900.0	-9900.0	1.8	6.5	1005.	26.0
2011	6	5	22	-9900.0	-9900.0	1.1	2.2	6.	28.0
2011	6	5	23	-9900.0	-9900.0	1.0	2.2	8.	28.0
2011	6	5	24	-9900.0	-9900.0	1.2	2.5	11.	26.0
2011	6	6	1	-9900.0	-9900.0	1.4	2.8	9.	34.0
2011	6	6	2	-9900.0	-9900.0	1.0	2.8	11.	19.0
2011	6	6	3	-9900.0	-9900.0	1.1	2.8	11.	16.0
2011	6	6	4	-9900.0	-9900.0	0.8	1.9	12.	12.0
2011	6	6	5	-9900.0	-9900.0	0.8	2.5	11.	9.0
2011	6	6	6	-9900.0	-9900.0	0.5	2.5	11.	10.0
2011	6	6	7	-9900.0	-9900.0	0.7	2.2	18.	3.0
2011	6	6	8	-9900.0	-9900.0	0.9	2.5	22.	29.0
2011	6	6	9	-9900.0	-9900.0	0.8	2.8	14.	43.0
2011	6	6	10	-9900.0	-9900.0	0.7	2.2	11.	42.0
2011	6	6	11	-9900.0	-9900.0	0.9	2.8	12.	17.0
2011	6	6	12	-9900.0	-9900.0	1.1	2.5	8.	19.0
2011	6	6	13	-9900.0	-9900.0	0.8	2.8	13.	19.0
2011	6	6	14	15.9	-9900.0	0.9	2.2	1034.	18.0
2011	6	6	15	14.6	-9900.0	0.9	2.8	1022.	43.0
2011	6	6	16	15.5	-9900.0	0.9	2.8	6.	37.0
2011	6	6	17	14.6	-9900.0	1.6	5.0	1023.	15.0
2011	6	6	18	12.2	-9900.0	1.2	2.8	9.	30.0
2011	6	6	19	11.6	-9900.0	0.8	2.2	22.	23.0
2011	6	6	20	12.2	-9900.0	1.0	1.9	23.	18.0
2011	6	6	21	12.7	-9900.0	0.6	1.9	21.	10.0
2011	6	6	22	12.9	-9900.0	0.6	2.5	20.	9.0
2011	6	6	23	12.8	-9900.0	1.5	4.0	1022.	13.0
2011	6	6	24	12.8	-9900.0	1.1	2.8	18.	16.0
2011	6	7	1	12.6	-0.1	0.3	1.6	2019.	7.0
2011	6	7	2	12.1	-0.1	0.3	0.9	2019.	15.0
2011	6	7	3	12.0	-0.1	0.4	1.2	20.	11.0
2011	6	7	4	12.1	-0.1	0.8	1.6	18.	10.0
2011	6	7	5	11.8	-0.1	0.7	2.5	22.	11.0
2011	6	7	6	11.8	-0.2	0.7	2.2	1017.	2.0
2011	6	7	7	11.6	-0.2	0.6	2.5	0.	3.0
2011	6	7	8	11.7	-0.3	0.8	1.6	2.	6.0
2011	6	7	9	11.3	-0.2	1.3	2.8	24.	6.0
2011	6	7	10	11.6	-0.3	1.1	3.1	1020.	7.0
2011	6	7	11	11.8	-0.3	0.8	2.5	1021.	7.0
2011	6	7	12	11.7	-0.3	1.2	3.1	24.	5.0
2011	6	7	13	11.7	-0.3	1.5	4.4	25.	12.0
2011	6	7	14	11.9	-0.3	1.0	3.7	24.	7.0
2011	6	7	15	11.8	-0.3	0.7	2.5	24.	15.0
2011	6	7	16	11.9	-0.4	1.9	4.4	25.	14.0
2011	6	7	17	12.4	-0.4	1.5	4.4	26.	6.0
2011	6	7	18	12.6	-0.5	1.7	4.0	24.	14.0
2011	6	7	19	12.9	-0.6	1.7	4.0	23.	12.0

2011	6	7	20	12.5	-0.4	1.8	3.4	23.	29.0
2011	6	7	21	12.6	-0.3	1.2	3.1	1023.	27.0
2011	6	7	22	12.3	-0.2	1.2	3.1	8.	15.0
2011	6	7	23	12.0	-0.1	1.4	2.8	8.	15.0
2011	6	7	24	11.8	-0.1	0.6	2.5	17.	16.0
2011	6	8	1	11.4	0.0	0.4	1.2	21.	34.0
2011	6	8	2	11.1	0.0	0.6	2.2	20.	16.0
2011	6	8	3	10.8	0.1	0.4	1.6	2015.	19.0
2011	6	8	4	10.1	0.6	0.8	2.2	12.	22.0
2011	6	8	5	9.2	0.5	0.8	2.2	11.	20.0
2011	6	8	6	9.7	0.4	0.8	1.9	12.	22.0
2011	6	8	7	11.3	-0.3	0.6	1.2	11.	0.0
2011	6	8	8	11.0	-0.3	0.7	2.2	16.	38.0
2011	6	8	9	11.9	-0.4	0.9	2.2	22.	17.0
2011	6	8	10	12.2	-0.4	0.9	2.8	23.	42.0
2011	6	8	11	14.5	-0.6	1.0	2.8	24.	31.0
2011	6	8	12	14.9	-0.5	1.3	3.1	25.	59.0
2011	6	8	13	14.7	-0.2	1.5	4.7	23.	58.0
2011	6	8	14	14.8	-0.3	1.3	3.4	21.	26.0
2011	6	8	15	15.0	-0.2	0.8	3.1	22.	24.0
2011	6	8	16	14.8	-0.2	0.6	1.9	21.	27.0
2011	6	8	17	14.6	-0.2	0.6	2.5	25.	18.0
2011	6	8	18	14.4	-0.3	0.4	1.6	2.	23.0
2011	6	8	19	14.4	-0.3	0.5	1.9	2029.	38.0
2011	6	8	20	14.1	-0.2	0.4	1.6	2029.	40.0
2011	6	8	21	13.0	-0.1	1.3	2.8	21.	34.0
2011	6	8	22	13.2	0.0	1.3	3.1	7.	16.0
2011	6	8	23	12.9	0.1	1.4	2.8	9.	19.0
2011	6	8	24	12.2	0.0	1.0	2.2	9.	22.0
2011	6	9	1	11.4	0.0	1.0	2.8	10.	22.0
2011	6	9	2	10.9	-0.1	0.6	1.2	11.	15.0
2011	6	9	3	10.8	-0.1	0.4	1.2	11.	18.0
2011	6	9	4	10.7	-0.1	0.3	1.2	2011.	17.0
2011	6	9	5	10.5	-0.1	0.7	1.6	16.	17.0
2011	6	9	6	10.5	-0.2	0.5	1.6	18.	18.0
2011	6	9	7	10.5	-0.2	0.4	1.6	18.	14.0
2011	6	9	8	10.6	-0.2	0.4	1.6	2020.	15.0
2011	6	9	9	10.8	-0.3	0.6	1.6	21.	6.0
2011	6	9	10	10.9	-0.3	0.6	1.6	21.	9.0
2011	6	9	11	11.2	-0.3	0.7	1.9	21.	6.0
2011	6	9	12	11.4	-0.3	0.7	1.9	22.	4.0
2011	6	9	13	11.4	-0.3	1.4	3.7	24.	9.0
2011	6	9	14	11.7	-0.4	1.7	3.7	24.	72.0
2011	6	9	15	11.9	-0.4	1.3	3.4	22.	30.0
2011	6	9	16	13.3	-0.5	1.0	2.8	11.	0.0
2011	6	9	17	14.8	-0.7	1.1	3.1	1006.	0.0
2011	6	9	18	15.1	-0.8	1.8	3.1	23.	4.0
2011	6	9	19	14.7	-0.3	0.6	1.9	19.	21.0
2011	6	9	20	14.6	-0.1	0.5	1.9	27.	21.0
2011	6	9	21	13.3	0.2	0.7	2.5	1008.	21.0
2011	6	9	22	12.0	0.4	1.5	2.8	9.	22.0
2011	6	9	23	10.8	0.6	2.0	3.4	10.	23.0
2011	6	9	24	10.3	0.3	1.3	2.8	11.	22.0
2011	6	10	1	10.7	0.1	1.1	2.2	10.	21.0
2011	6	10	2	10.6	0.0	0.4	0.9	2011.	10.0
2011	6	10	3	10.5	0.0	0.2	0.9	2011.	14.0
2011	6	10	4	10.4	0.0	0.2	0.9	2011.	15.0
2011	6	10	5	10.4	0.0	0.3	0.9	2011.	14.0

2011	6	10	6	10.3	0.0	1.2	2.5	11.	11.0
2011	6	10	7	10.6	-0.2	0.8	2.5	8.	12.0
2011	6	10	8	10.8	-0.2	1.0	4.4	1002.	15.0
2011	6	10	9	11.0	-0.2	0.9	3.7	24.	13.0
2011	6	10	10	11.1	-0.2	1.5	4.4	24.	13.0
2011	6	10	11	11.4	-0.3	0.5	2.2	27.	11.0
2011	6	10	12	11.8	-0.4	0.7	2.2	4.	33.0
2011	6	10	13	12.1	-0.4	0.6	2.2	27.	144.0
2011	6	10	14	12.4	-0.4	0.8	1.9	1028.	391.0
2011	6	10	15	12.8	-0.3	1.3	5.9	24.	290.0
2011	6	10	16	12.6	-0.2	1.9	5.0	24.	17.0
2011	6	10	17	12.6	-0.2	1.7	4.0	24.	20.0
2011	6	10	18	12.6	-0.2	1.4	3.7	23.	8.0
2011	6	10	19	12.5	-0.2	1.0	2.8	23.	11.0
2011	6	10	20	12.5	-0.2	0.6	2.5	23.	14.0
2011	6	10	21	12.2	-0.1	1.1	3.4	22.	10.0
2011	6	10	22	11.8	0.0	0.5	1.9	19.	24.0
2011	6	10	23	11.6	0.2	0.5	1.9	19.	29.0
2011	6	10	24	11.2	0.2	0.5	1.2	18.	12.0
2011	6	11	1	11.0	0.2	0.6	1.6	15.	8.0
2011	6	11	2	10.8	0.1	0.3	0.9	2014.	9.0
2011	6	11	3	10.6	0.1	0.4	0.9	14.	6.0
2011	6	11	4	10.5	0.0	0.5	1.6	14.	9.0
2011	6	11	5	10.4	-0.1	0.6	1.2	15.	11.0
2011	6	11	6	10.4	-0.1	0.2	0.9	2016.	13.0
2011	6	11	7	10.8	-0.2	0.4	1.6	17.	12.0
2011	6	11	8	11.0	-0.3	0.9	2.8	21.	12.0
2011	6	11	9	11.9	-0.4	0.7	1.6	22.	14.0
2011	6	11	10	12.3	-0.5	1.3	3.1	24.	3.0
2011	6	11	11	13.3	-0.9	1.7	3.4	24.	4.0
2011	6	11	12	14.7	-0.9	2.1	3.4	24.	9.0
2011	6	11	13	15.6	-0.8	1.8	3.4	24.	13.0
2011	6	11	14	16.4	-0.7	1.7	3.7	23.	18.0
2011	6	11	15	18.2	-0.7	4.8	9.0	25.	42.0
2011	6	11	16	17.7	-0.5	5.7	10.6	24.	30.0
2011	6	11	17	17.0	-0.5	5.5	8.4	25.	9.0
2011	6	11	18	16.6	-0.5	4.3	7.1	25.	16.0
2011	6	11	19	15.9	-0.2	4.0	8.1	26.	17.0
2011	6	11	20	15.2	-0.3	1.5	4.7	24.	12.0
2011	6	11	21	14.8	-0.2	1.7	4.7	26.	17.0
2011	6	11	22	13.1	0.7	1.1	2.2	8.	27.0
2011	6	11	23	11.3	0.7	0.9	1.9	11.	26.0
2011	6	11	24	10.1	1.0	0.8	2.2	11.	22.0
2011	6	12	1	9.3	0.7	1.0	2.2	10.	22.0
2011	6	12	2	8.9	0.8	0.8	1.9	10.	15.0
2011	6	12	3	8.6	0.5	1.0	2.5	1010.	15.0
2011	6	12	4	8.9	0.1	0.9	2.2	9.	11.0
2011	6	12	5	9.4	0.0	0.7	1.6	7.	12.0
2011	6	12	6	9.4	-0.1	0.4	1.9	6.	15.0
2011	6	12	7	9.5	-0.1	0.3	0.9	6.	22.0
2011	6	12	8	9.8	-0.2	0.5	1.9	6.	22.0
2011	6	12	9	10.4	-0.4	1.0	2.5	1006.	0.0
2011	6	12	10	11.6	-0.6	0.8	2.2	25.	0.0
2011	6	12	11	12.8	-0.6	1.3	4.0	23.	4.0
2011	6	12	12	13.1	-0.5	1.4	3.1	24.	9.0
2011	6	12	13	14.8	-0.6	1.8	4.0	26.	0.0
2011	6	12	14	15.6	-0.7	3.4	7.1	25.	4.0
2011	6	12	15	15.8	-0.5	2.8	5.6	25.	15.0
2011	6	12	16	16.1	-0.4	1.1	3.1	23.	12.0

2011	6	12	17	16.5	-0.5	1.8	5.3	24.	7.0
2011	6	12	18	16.6	-0.4	1.7	4.7	24.	8.0
2011	6	12	19	15.5	-0.1	1.6	4.7	24.	14.0
2011	6	12	20	14.8	0.0	1.2	3.7	12.	17.0
2011	6	12	21	13.9	0.0	0.9	2.8	1011.	17.0
2011	6	12	22	13.1	0.2	1.0	2.8	1024.	27.0
2011	6	12	23	11.3	0.5	1.4	2.5	10.	52.0
2011	6	12	24	10.4	0.6	1.5	2.5	9.	54.0
2011	6	13	1	10.2	0.4	0.8	1.9	9.	37.0
2011	6	13	2	10.2	0.5	0.9	2.5	10.	11.0
2011	6	13	3	9.3	0.5	1.6	2.5	10.	16.0
2011	6	13	4	9.0	0.2	0.9	2.2	10.	6.0
2011	6	13	5	9.1	0.6	0.7	1.6	10.	11.0
2011	6	13	6	9.4	0.6	0.7	1.9	10.	5.0
2011	6	13	7	10.1	-0.2	0.6	1.6	12.	5.0
2011	6	13	8	11.4	-0.4	0.7	1.9	7.	2.0
2011	6	13	9	11.6	-0.4	1.0	3.1	23.	11.0
2011	6	13	10	12.7	-0.7	1.6	2.8	24.	13.0
2011	6	13	11	14.2	-0.7	1.9	3.7	24.	7.0
2011	6	13	12	15.1	-0.7	2.1	4.0	24.	10.0
2011	6	13	13	16.2	-0.3	1.7	4.4	25.	14.0
2011	6	13	14	16.7	-0.4	2.1	7.8	25.	36.0
2011	6	13	15	17.7	-0.5	3.0	7.8	24.	12.0
2011	6	13	16	17.7	-0.4	3.5	9.0	25.	7.0
2011	6	13	17	16.9	-0.1	3.9	8.4	26.	16.0
2011	6	13	18	16.0	0.0	1.6	8.1	1023.	17.0
2011	6	13	19	15.5	0.1	0.9	3.1	1009.	21.0
2011	6	13	20	13.8	0.4	1.1	3.1	11.	27.0
2011	6	13	21	13.0	0.3	0.8	1.9	12.	103.0
2011	6	13	22	12.9	0.2	0.8	2.2	8.	17.0
2011	6	13	23	12.4	0.1	0.8	2.5	1008.	1.0
2011	6	13	24	11.9	0.1	1.2	2.8	12.	20.0
2011	6	14	1	11.8	0.1	0.9	2.2	12.	2.0
2011	6	14	2	11.8	0.1	1.1	3.1	1021.	9.0
2011	6	14	3	12.0	-0.1	1.1	7.1	1016.	10.0
2011	6	14	4	12.7	0.0	2.8	8.7	22.	7.0
2011	6	14	5	13.0	0.1	4.6	11.8	26.	19.0
2011	6	14	6	12.0	0.1	3.6	8.7	24.	13.0
2011	6	14	7	11.4	0.1	3.2	9.3	22.	15.0
2011	6	14	8	11.3	0.0	3.7	8.4	23.	12.0
2011	6	14	9	10.9	0.0	4.2	9.3	24.	43.0
2011	6	14	10	10.8	-0.1	4.7	9.0	24.	20.0
2011	6	14	11	10.7	-0.1	4.8	10.3	22.	8.0
2011	6	14	12	10.6	-0.1	5.2	11.8	23.	12.0
2011	6	14	13	10.6	0.0	5.1	12.4	23.	19.0
2011	6	14	14	10.6	0.0	5.0	14.0	23.	12.0
2011	6	14	15	10.6	0.0	3.9	10.6	23.	3.0
2011	6	14	16	10.6	0.1	3.0	9.9	21.	2.0
2011	6	14	17	10.6	0.1	2.7	8.7	22.	6.0
2011	6	14	18	10.5	0.1	3.5	9.6	21.	17.0
2011	6	14	19	10.4	0.0	3.4	9.6	21.	8.0
2011	6	14	20	10.4	0.1	2.6	9.0	20.	1.0
2011	6	14	21	10.3	0.0	2.8	8.1	21.	4.0
2011	6	14	22	10.4	0.0	3.3	8.7	21.	8.0
2011	6	14	23	10.4	0.1	3.1	8.7	21.	7.0
2011	6	14	24	10.5	0.1	2.5	7.1	22.	18.0
2011	6	15	1	10.5	0.1	2.4	7.8	21.	0.0
2011	6	15	2	10.5	0.1	2.6	8.7	21.	3.0

2011	6	15	3	10.5	0.1	2.9	8.1	22.	1.0
2011	6	15	4	10.5	0.1	2.2	7.8	1021.	3.0
2011	6	15	5	10.1	0.1	1.9	5.3	24.	6.0
2011	6	15	6	10.1	0.1	1.1	5.6	22.	4.0
2011	6	15	7	10.8	0.0	3.2	6.8	24.	0.0
2011	6	15	8	11.1	-0.1	1.7	5.3	22.	2.0
2011	6	15	9	11.0	0.0	1.9	6.2	24.	18.0
2011	6	15	10	10.9	-0.2	1.1	4.0	1014.	8.0
2011	6	15	11	11.2	-0.2	3.8	7.5	24.	17.0
2011	6	15	12	11.7	-0.3	2.4	5.9	24.	4.0
2011	6	15	13	12.5	-0.9	2.1	3.7	24.	1.0
2011	6	15	14	13.3	-0.9	2.8	7.1	25.	5.0
2011	6	15	15	14.0	-1.1	4.2	6.2	25.	11.0
2011	6	15	16	14.6	-1.2	4.1	6.2	25.	21.0
2011	6	15	17	14.9	-1.1	4.6	7.5	25.	40.0
2011	6	15	18	15.5	-0.9	3.5	5.6	24.	20.0
2011	6	15	19	15.8	-0.7	3.2	5.3	25.	17.0
2011	6	15	20	15.6	-0.5	2.3	5.0	25.	8.0
2011	6	15	21	14.1	-0.2	1.5	3.7	25.	31.0
2011	6	15	22	11.5	0.3	0.8	1.9	2.	27.0
2011	6	15	23	10.2	0.8	0.8	1.9	5.	21.0
2011	6	15	24	8.8	1.0	0.9	1.9	7.	14.0
2011	6	16	1	7.9	0.6	1.3	2.8	9.	9.0
2011	6	16	2	7.6	1.0	1.1	2.5	10.	7.0
2011	6	16	3	7.1	1.0	0.8	2.5	10.	6.0
2011	6	16	4	6.8	0.9	1.3	3.4	9.	2.0
2011	6	16	5	6.4	0.8	0.7	1.9	10.	1.0
2011	6	16	6	7.5	0.3	1.0	2.5	10.	10.0
2011	6	16	7	10.4	0.0	0.2	1.2	2011.	0.0
2011	6	16	8	10.3	-0.4	0.8	1.9	18.	11.0
2011	6	16	9	11.3	-0.6	1.2	2.5	23.	121.0
2011	6	16	10	12.8	-0.5	1.2	3.1	23.	32.0
2011	6	16	11	15.2	-0.7	1.3	3.4	24.	27.0
2011	6	16	12	18.4	-0.4	1.8	4.4	23.	43.0
2011	6	16	13	19.8	-0.4	2.3	9.3	26.	20.0
2011	6	16	14	20.8	-0.7	2.6	9.0	1027.	4.0
2011	6	16	15	21.0	-0.7	4.8	13.4	5.	4.0
2011	6	16	16	20.8	-0.3	5.6	14.0	5.	3.0
2011	6	16	17	20.7	-0.1	4.5	11.8	6.	10.0
2011	6	16	18	20.4	0.0	2.7	11.8	4.	6.0
2011	6	16	19	20.1	0.2	1.7	7.1	1008.	5.0
2011	6	16	20	18.6	0.6	1.1	4.7	1012.	6.0
2011	6	16	21	17.2	0.6	0.9	3.1	19.	21.0
2011	6	16	22	16.6	1.3	1.0	2.8	12.	23.0
2011	6	16	23	14.8	0.3	2.5	5.0	10.	20.0
2011	6	16	24	11.7	0.2	1.9	3.7	8.	19.0
2011	6	17	1	10.7	0.0	0.5	1.6	14.	12.0
2011	6	17	2	10.4	-0.1	0.6	2.2	15.	6.0
2011	6	17	3	10.4	-0.1	0.6	2.2	24.	11.0
2011	6	17	4	10.4	-0.1	0.9	1.6	14.	9.0
2011	6	17	5	10.4	-0.1	0.6	1.6	15.	10.0
2011	6	17	6	10.4	-0.1	0.3	1.6	14.	10.0
2011	6	17	7	10.5	-0.1	0.4	1.2	17.	14.0
2011	6	17	8	10.5	-0.2	0.6	1.9	20.	13.0
2011	6	17	9	10.8	-0.2	0.3	1.2	2021.	33.0
2011	6	17	10	11.4	-0.3	0.4	1.2	21.	17.0
2011	6	17	11	11.4	-0.3	1.0	2.2	23.	30.0
2011	6	17	12	11.6	-0.4	1.1	2.8	24.	34.0
2011	6	17	13	12.4	-0.4	0.4	1.2	24.	35.0

2011	6	17	14	12.2	-0.4	0.8	1.9	24.	14.0
2011	6	17	15	11.9	-0.4	0.8	1.9	24.	16.0
2011	6	17	16	12.0	-0.4	1.0	2.5	24.	20.0
2011	6	17	17	12.3	-0.3	0.6	1.9	26.	2.0
2011	6	17	18	11.9	-0.4	2.3	6.8	24.	3.0
2011	6	17	19	11.7	-0.3	0.9	3.4	1009.	10.0
2011	6	17	20	11.5	-0.2	1.3	5.0	24.	12.0
2011	6	17	21	11.1	-0.1	2.4	5.6	23.	13.0
2011	6	17	22	10.8	0.0	1.2	4.7	21.	10.0
2011	6	17	23	10.5	0.0	1.3	5.0	1024.	17.0
2011	6	17	24	10.1	-0.1	1.1	2.5	10.	17.0
2011	6	18	1	10.0	-0.1	1.5	2.8	10.	16.0
2011	6	18	2	9.9	-0.1	1.0	1.9	11.	18.0
2011	6	18	3	9.7	-0.1	0.3	1.2	2011.	20.0
2011	6	18	4	9.6	-0.1	0.8	1.9	9.	27.0
2011	6	18	5	9.3	-0.1	0.4	1.6	11.	20.0
2011	6	18	6	9.4	-0.2	0.7	1.6	11.	27.0
2011	6	18	7	9.8	-0.2	0.3	0.9	11.	11.0
2011	6	18	8	10.4	-0.3	0.6	1.9	14.	8.0
2011	6	18	9	10.8	-0.3	1.0	2.2	22.	12.0
2011	6	18	10	11.0	-0.5	1.7	3.1	24.	6.0
2011	6	18	11	11.7	-0.6	2.2	3.7	24.	3.0
2011	6	18	12	12.3	-0.7	2.4	3.4	25.	27.0
2011	6	18	13	13.5	-0.6	1.3	2.8	24.	20.0
2011	6	18	14	14.3	-0.6	2.1	3.7	24.	32.0
2011	6	18	15	15.6	-0.6	1.6	3.7	23.	27.0
2011	6	18	16	16.8	-0.8	1.9	3.4	24.	57.0
2011	6	18	17	17.6	-0.9	2.6	4.4	25.	57.0
2011	6	18	18	17.9	-0.8	3.0	4.7	26.	41.0
2011	6	18	19	18.1	-0.7	3.2	5.0	27.	76.0
2011	6	18	20	17.1	-0.5	2.5	5.6	27.	19.0
2011	6	18	21	16.6	-0.4	1.3	3.4	1003.	23.0
2011	6	18	22	14.7	0.3	1.0	2.5	1.	20.0
2011	6	18	23	12.9	0.6	0.9	2.2	4.	21.0
2011	6	18	24	12.2	0.8	0.8	2.5	9.	25.0
2011	6	19	1	11.9	0.1	1.4	3.1	9.	8.0
2011	6	19	2	11.4	0.4	1.0	2.5	9.	8.0
2011	6	19	3	11.1	0.3	0.9	1.9	10.	21.0
2011	6	19	4	10.4	0.7	0.7	1.9	11.	12.0
2011	6	19	5	9.8	0.6	1.1	2.5	11.	13.0
2011	6	19	6	10.7	-0.1	0.8	2.5	8.	1.0
2011	6	19	7	12.2	-0.6	0.7	2.8	1001.	0.0
2011	6	19	8	12.7	-0.6	1.0	2.5	25.	17.0
2011	6	19	9	13.8	-0.7	1.2	2.5	24.	35.0
2011	6	19	10	15.8	-0.2	2.2	5.9	1010.	35.0
2011	6	19	11	16.8	-0.1	2.9	6.2	10.	35.0
2011	6	19	12	16.9	-0.2	1.9	4.0	8.	19.0
2011	6	19	13	17.1	-0.2	1.7	5.0	9.	4.0
2011	6	19	14	17.2	-0.4	1.7	4.0	1024.	73.0
2011	6	19	15	18.1	-0.6	2.3	3.7	24.	5.0
2011	6	19	16	17.7	-0.4	1.9	3.1	24.	11.0
2011	6	19	17	17.7	-0.3	2.7	6.2	24.	10.0
2011	6	19	18	17.0	-0.1	2.1	5.6	25.	16.0
2011	6	19	19	16.5	-0.2	1.8	6.8	22.	14.0
2011	6	19	20	17.0	-0.3	1.2	4.0	1023.	9.0
2011	6	19	21	16.6	0.0	0.9	1.9	10.	14.0
2011	6	19	22	15.1	0.6	0.4	1.9	2018.	71.0
2011	6	19	23	13.5	1.0	0.7	1.9	14.	44.0
2011	6	19	24	12.6	0.4	0.9	1.6	10.	5.0



2011	6	20	1	12.4	0.4	1.9	3.4	10.	30.0
2011	6	20	2	12.6	0.1	1.4	3.1	11.	4.0
2011	6	20	3	12.7	0.0	1.4	4.7	1023.	8.0
2011	6	20	4	12.8	0.0	2.4	5.0	25.	2.0
2011	6	20	5	12.7	0.0	1.4	3.4	24.	13.0
2011	6	20	6	12.7	0.0	1.7	3.7	25.	20.0
2011	6	20	7	12.6	-0.1	1.7	3.7	24.	52.0
2011	6	20	8	12.6	-0.2	0.7	3.1	1005.	9.0
2011	6	20	9	12.8	-0.4	1.6	4.0	1024.	8.0
2011	6	20	10	13.3	-0.8	2.5	5.3	24.	1.0
2011	6	20	11	13.6	-0.6	3.2	5.9	25.	55.0
2011	6	20	12	14.4	-1.0	3.7	5.9	24.	44.0
2011	6	20	13	15.0	-0.9	4.4	7.5	25.	25.0
2011	6	20	14	15.4	-0.7	4.3	6.8	24.	32.0
2011	6	20	15	16.2	-0.5	3.6	8.1	24.	25.0
2011	6	20	16	16.4	-0.5	3.6	8.1	23.	23.0
2011	6	20	17	16.3	-0.4	4.6	7.8	24.	31.0
2011	6	20	18	15.7	-0.2	4.8	9.0	23.	24.0
2011	6	20	19	15.4	-0.2	3.5	7.1	24.	11.0
2011	6	20	20	15.0	-0.1	3.4	7.1	24.	13.0
2011	6	20	21	14.3	0.0	1.6	5.3	22.	8.0
2011	6	20	22	13.9	0.0	2.5	5.6	23.	28.0
2011	6	20	23	13.0	0.2	1.6	5.3	22.	22.0
2011	6	20	24	12.6	0.2	1.6	4.4	1012.	8.0
2011	6	21	1	12.2	0.0	1.1	3.1	1009.	8.0
2011	6	21	2	11.8	0.0	1.2	2.2	10.	1.0
2011	6	21	3	11.9	0.0	2.0	3.4	9.	4.0
2011	6	21	4	11.8	0.1	1.3	2.5	11.	9.0
2011	6	21	5	11.6	0.1	0.8	1.6	11.	10.0
2011	6	21	6	11.8	-0.1	1.0	2.2	10.	7.0
2011	6	21	7	12.5	-0.4	0.8	3.1	1009.	7.0
2011	6	21	8	13.1	-0.5	0.7	1.9	22.	4.0
2011	6	21	9	13.1	-0.4	1.8	3.7	24.	7.0
2011	6	21	10	13.7	-0.4	1.2	3.4	25.	8.0
2011	6	21	11	14.6	-0.8	2.0	4.4	25.	0.0
2011	6	21	12	15.2	-0.6	3.0	5.9	25.	27.0
2011	6	21	13	15.7	-1.0	4.3	6.5	25.	65.0
2011	6	21	14	16.1	-0.8	4.9	7.8	25.	36.0
2011	6	21	15	15.9	-0.3	3.3	7.8	23.	4.0
2011	6	21	16	15.6	-0.2	2.8	7.1	23.	17.0
2011	6	21	17	15.1	-0.1	2.9	5.6	24.	27.0
2011	6	21	18	14.8	0.0	3.1	5.6	25.	51.0
2011	6	21	19	14.9	-0.1	2.0	5.0	25.	21.0
2011	6	21	20	14.8	-0.1	2.0	5.0	24.	6.0
2011	6	21	21	14.2	0.0	1.6	5.0	25.	13.0
2011	6	21	22	13.7	0.0	1.0	2.8	1000.	14.0
2011	6	21	23	12.8	0.1	1.1	2.5	10.	20.0
2011	6	21	24	12.3	0.1	1.4	3.1	10.	28.0
2011	6	22	1	12.2	0.1	1.0	2.5	10.	24.0
2011	6	22	2	12.0	0.1	1.2	1.9	11.	19.0
2011	6	22	3	12.0	0.0	1.0	3.7	26.	14.0
2011	6	22	4	11.6	-0.1	1.0	2.5	10.	17.0
2011	6	22	5	11.3	0.0	1.3	2.8	10.	17.0
2011	6	22	6	11.4	-0.2	1.0	2.5	10.	19.0
2011	6	22	7	11.6	-0.2	0.6	1.6	11.	24.0
2011	6	22	8	11.4	-0.3	1.3	2.5	22.	14.0
2011	6	22	9	12.2	-0.4	0.9	2.2	24.	11.0
2011	6	22	10	12.8	-0.6	1.4	2.8	25.	13.0

2011	6	22	11	14.2	-0.6	1.2	2.8	23.	10.0
2011	6	22	12	15.2	-0.7	2.4	5.0	25.	90.0
2011	6	22	13	15.9	-0.8	4.9	8.1	25.	6.0
2011	6	22	14	15.3	-0.5	6.7	9.6	24.	33.0
2011	6	22	15	14.7	-0.2	4.7	7.8	25.	21.0
2011	6	22	16	14.6	-0.2	2.0	5.3	27.	15.0
2011	6	22	17	14.6	-0.4	2.0	4.4	8.	12.0
2011	6	22	18	15.5	-0.6	1.1	3.4	8.	2.0
2011	6	22	19	15.5	-0.4	0.7	2.5	1025.	17.0
2011	6	22	20	15.5	-0.2	0.6	3.1	24.	11.0
2011	6	22	21	14.3	0.1	0.9	2.8	22.	24.0
2011	6	22	22	13.7	0.4	0.9	2.5	15.	34.0
2011	6	22	23	12.3	0.5	1.3	2.5	11.	31.0
2011	6	22	24	11.4	0.2	1.4	2.5	9.	13.0
2011	6	23	1	10.9	0.6	0.9	1.9	11.	25.0
2011	6	23	2	10.3	0.5	1.1	1.9	11.	13.0
2011	6	23	3	10.5	0.3	0.8	2.2	12.	13.0
2011	6	23	4	10.6	0.1	0.9	1.9	10.	60.0
2011	6	23	5	10.7	0.1	0.4	1.2	10.	15.0
2011	6	23	6	11.1	-0.1	0.5	1.2	10.	8.0
2011	6	23	7	11.8	-0.3	1.1	2.5	1020.	7.0
2011	6	23	8	12.3	-0.4	0.7	1.9	22.	7.0
2011	6	23	9	12.3	-0.4	1.5	2.8	24.	26.0
2011	6	23	10	12.3	-0.4	1.6	3.4	23.	31.0
2011	6	23	11	12.6	-0.4	1.3	3.1	24.	13.0
2011	6	23	12	13.1	-0.5	2.1	4.4	25.	40.0
2011	6	23	13	13.1	-0.4	2.2	4.0	26.	12.0
2011	6	23	14	13.4	-0.4	2.1	4.4	25.	7.0
2011	6	23	15	13.6	-0.2	1.8	5.9	25.	12.0
2011	6	23	16	13.1	-0.2	1.5	5.0	28.	15.0
2011	6	23	17	12.3	-0.2	1.3	2.5	9.	25.0
2011	6	23	18	12.5	-0.2	1.4	2.8	8.	18.0
2011	6	23	19	12.7	-0.2	0.9	2.2	4.	19.0
2011	6	23	20	12.1	-0.2	0.6	1.6	33.	15.0
2011	6	23	21	12.0	-0.1	1.2	5.3	1022.	6.0
2011	6	23	22	11.7	0.2	1.2	4.4	21.	10.0
2011	6	23	23	11.5	0.2	1.2	5.3	1000.	37.0
2011	6	23	24	11.1	0.1	0.8	3.1	2.	21.0
2011	6	24	1	11.2	0.1	1.3	4.7	1031.	10.0
2011	6	24	2	11.7	0.2	3.3	7.1	25.	11.0
2011	6	24	3	11.1	0.1	1.2	4.0	1028.	8.0
2011	6	24	4	10.6	0.1	0.9	4.0	34.	12.0
2011	6	24	5	10.6	0.2	0.9	4.7	1018.	10.0
2011	6	24	6	10.1	-0.1	1.6	3.4	8.	9.0
2011	6	24	7	10.1	-0.2	1.1	2.5	10.	5.0
2011	6	24	8	10.3	-0.1	1.3	5.3	1022.	5.0
2011	6	24	9	11.0	0.0	3.0	7.5	23.	0.0
2011	6	24	10	11.7	-0.2	2.5	6.8	24.	0.0
2011	6	24	11	11.7	-0.2	2.7	6.5	24.	4.0
2011	6	24	12	11.9	-0.4	3.1	5.6	24.	15.0
2011	6	24	13	12.1	-0.4	2.8	6.2	23.	7.0
2011	6	24	14	12.0	-0.4	4.1	8.7	24.	14.0
2011	6	24	15	12.2	-0.4	4.4	11.2	28.	3.0
2011	6	24	16	11.8	-0.2	6.5	12.1	25.	17.0
2011	6	24	17	11.6	-0.2	5.5	11.2	24.	23.0
2011	6	24	18	11.4	-0.1	5.0	9.6	24.	11.0
2011	6	24	19	11.6	0.0	3.0	7.5	26.	5.0
2011	6	24	20	11.6	0.0	2.8	8.7	24.	6.0
2011	6	24	21	11.3	0.1	3.2	6.8	25.	10.0

2011	6	24	22	11.2	0.1	1.3	4.7	26.	5.0
2011	6	24	23	10.8	0.1	1.4	4.7	22.	9.0
2011	6	24	24	10.3	0.2	0.8	3.1	14.	8.0
2011	6	25	1	10.2	0.2	0.8	2.8	1015.	4.0
2011	6	25	2	10.0	0.2	0.7	2.2	14.	5.0
2011	6	25	3	9.6	0.1	0.8	3.1	1029.	7.0
2011	6	25	4	9.5	0.2	1.1	2.8	8.	9.0
2011	6	25	5	9.5	0.2	1.2	2.8	10.	3.0
2011	6	25	6	9.7	0.1	1.1	2.2	10.	12.0
2011	6	25	7	10.3	-0.1	0.7	3.1	25.	2.0
2011	6	25	8	10.9	-0.2	1.5	4.0	24.	0.0
2011	6	25	9	11.2	-0.3	2.1	5.3	23.	2.0
2011	6	25	10	11.5	-0.4	2.8	5.6	24.	5.0
2011	6	25	11	11.8	-0.6	2.5	4.7	24.	12.0
2011	6	25	12	12.3	-0.5	2.2	4.4	23.	1.0
2011	6	25	13	12.7	-0.7	2.8	4.0	24.	2.0
2011	6	25	14	13.1	-0.8	2.9	4.7	24.	11.0
2011	6	25	15	14.1	-0.9	2.7	5.0	24.	6.0
2011	6	25	16	14.5	-0.9	3.3	5.9	24.	11.0
2011	6	25	17	15.0	-1.0	2.8	5.3	24.	10.0
2011	6	25	18	14.6	-0.5	3.4	5.6	24.	29.0
2011	6	25	19	14.5	-0.3	2.7	7.1	24.	12.0
2011	6	25	20	14.4	-0.3	4.1	6.2	24.	11.0
2011	6	25	21	13.7	0.0	2.2	4.7	23.	14.0
2011	6	25	22	12.8	0.1	1.6	5.0	22.	8.0
2011	6	25	23	11.9	0.3	1.0	3.4	1015.	15.0
2011	6	25	24	10.8	0.4	1.0	1.9	6.	14.0
2011	6	26	1	10.1	0.3	0.7	1.6	8.	13.0
2011	6	26	2	9.5	0.5	0.9	1.9	8.	5.0
2011	6	26	3	8.7	0.6	0.8	1.9	9.	5.0
2011	6	26	4	7.4	0.7	1.1	1.9	10.	10.0
2011	6	26	5	6.9	0.7	1.3	3.4	9.	8.0
2011	6	26	6	7.7	0.2	0.9	2.5	10.	2.0
2011	6	26	7	10.1	-0.6	1.0	1.9	9.	0.0
2011	6	26	8	10.2	-0.4	0.8	3.1	1021.	18.0
2011	6	26	9	11.5	-0.8	1.3	3.1	22.	9.0
2011	6	26	10	12.4	-0.9	1.7	2.8	24.	14.0
2011	6	26	11	13.7	-0.9	1.7	2.8	24.	59.0
2011	6	26	12	14.9	-1.0	1.9	3.4	24.	46.0
2011	6	26	13	16.0	-0.9	1.8	3.1	24.	92.0
2011	6	26	14	17.2	-0.9	2.2	4.0	24.	46.0
2011	6	26	15	18.8	-0.8	2.6	5.6	24.	11.0
2011	6	26	16	19.7	-0.9	5.0	8.1	24.	22.0
2011	6	26	17	19.9	-0.7	5.4	10.3	24.	44.0
2011	6	26	18	19.4	-0.7	5.5	7.8	24.	63.0
2011	6	26	19	18.4	-0.2	4.3	7.8	26.	13.0
2011	6	26	20	17.2	-0.1	1.9	6.2	26.	34.0
2011	6	26	21	16.0	-0.1	0.6	2.2	18.	48.0
2011	6	26	22	15.1	0.0	1.0	2.8	22.	13.0
2011	6	26	23	13.8	0.0	0.9	2.8	20.	19.0
2011	6	26	24	12.9	-0.2	0.9	2.2	11.	29.0
2011	6	27	1	12.8	-0.2	0.7	1.9	10.	57.0
2011	6	27	2	12.6	-0.1	0.4	1.2	10.	19.0
2011	6	27	3	12.4	-0.2	0.4	1.6	2011.	30.0
2011	6	27	4	12.4	-0.1	0.4	1.9	17.	26.0
2011	6	27	5	12.3	-0.2	0.6	2.5	16.	28.0
2011	6	27	6	12.5	-0.2	0.4	1.6	11.	5.0
2011	6	27	7	12.5	-0.2	0.4	1.6	12.	6.0

2011	6	27	8	12.4	-0.2	0.7	1.9	16.	13.0
2011	6	27	9	12.5	-0.2	0.5	1.6	22.	59.0
2011	6	27	10	12.9	-0.2	0.5	1.9	23.	8.0
2011	6	27	11	12.9	-0.3	0.7	2.2	21.	14.0
2011	6	27	12	13.2	-0.3	0.7	2.8	23.	38.0
2011	6	27	13	13.6	-0.3	0.6	1.9	20.	20.0
2011	6	27	14	13.7	-0.3	0.9	2.2	23.	24.0
2011	6	27	15	15.4	-0.5	0.9	2.2	23.	9.0
2011	6	27	16	15.0	-0.4	1.2	2.5	24.	46.0
2011	6	27	17	15.7	-0.4	0.7	2.2	24.	53.0
2011	6	27	18	17.1	-0.6	1.1	3.1	23.	47.0
2011	6	27	19	17.4	-0.6	1.0	2.5	25.	55.0
2011	6	27	20	17.5	-0.4	0.9	2.8	23.	55.0
2011	6	27	21	17.5	-0.2	0.6	1.9	21.	79.0
2011	6	27	22	16.8	0.3	0.7	2.5	17.	55.0
2011	6	27	23	15.7	0.4	0.8	2.5	1019.	28.0
2011	6	27	24	15.3	0.4	0.9	2.2	1013.	16.0
2011	6	28	1	14.8	0.4	1.1	2.8	10.	24.0
2011	6	28	2	14.7	0.4	0.8	2.2	14.	22.0
2011	6	28	3	14.7	0.4	1.4	3.7	1021.	20.0
2011	6	28	4	14.9	0.4	1.2	4.0	1007.	6.0
2011	6	28	5	15.6	0.4	1.6	4.4	1018.	15.0
2011	6	28	6	16.2	0.5	0.9	2.8	17.	32.0
2011	6	28	7	17.2	0.4	1.3	3.7	1012.	22.0
2011	6	28	8	17.5	0.1	1.1	3.1	1010.	36.0
2011	6	28	9	17.3	0.1	1.5	4.4	1008.	37.0
2011	6	28	10	17.6	-0.2	1.0	2.8	7.	25.0
2011	6	28	11	17.8	-0.2	0.9	2.2	1001.	21.0
2011	6	28	12	17.8	-0.5	1.0	3.1	1032.	21.0
2011	6	28	13	18.3	-0.4	1.0	2.8	1026.	63.0
2011	6	28	14	18.0	-0.4	1.0	2.8	1023.	44.0
2011	6	28	15	18.7	-0.3	0.9	2.2	1023.	60.0
2011	6	28	16	18.1	-0.3	1.1	4.4	1024.	72.0
2011	6	28	17	18.1	-0.1	0.6	2.2	23.	71.0
2011	6	28	18	17.6	-0.1	1.5	10.6	1021.	32.0
2011	6	28	19	18.4	-0.2	1.3	6.8	1030.	5.0
2011	6	28	20	18.9	-0.2	0.8	2.5	1028.	33.0
2011	6	28	21	17.9	0.0	1.0	2.5	1010.	32.0
2011	6	28	22	17.0	0.0	1.0	3.1	11.	11.0
2011	6	28	23	16.7	0.0	0.8	2.8	13.	8.0
2011	6	28	24	16.3	0.0	0.9	2.8	1010.	5.0
2011	6	29	1	16.2	0.0	0.8	1.9	1013.	23.0
2011	6	29	2	16.1	0.0	1.1	3.4	1011.	28.0
2011	6	29	3	16.0	0.0	1.2	2.8	9.	25.0
2011	6	29	4	15.7	0.0	1.1	3.7	1009.	20.0
2011	6	29	5	15.2	0.0	1.6	6.8	1008.	18.0
2011	6	29	6	15.0	0.0	1.2	4.7	10.	15.0
2011	6	29	7	14.3	0.0	1.4	4.7	9.	14.0
2011	6	29	8	14.0	-0.1	1.0	3.4	11.	14.0
2011	6	29	9	14.4	-0.2	1.0	2.8	8.	31.0
2011	6	29	10	14.6	-0.3	0.6	2.5	23.	8.0
2011	6	29	11	14.5	-0.2	0.6	2.2	22.	25.0
2011	6	29	12	14.6	-0.3	0.9	2.5	20.	19.0
2011	6	29	13	14.5	-0.3	0.7	1.9	24.	40.0
2011	6	29	14	14.6	-0.2	0.7	1.9	25.	39.0
2011	6	29	15	14.6	-0.2	0.7	2.2	24.	29.0
2011	6	29	16	14.7	-0.2	0.9	2.8	1022.	33.0
2011	6	29	17	14.8	-0.3	0.9	2.2	1023.	11.0
2011	6	29	18	14.6	-0.3	0.7	2.5	1020.	9.0

2011	6	29	19	14.8	-0.3	1.4	4.0	1021.	6.0
2011	6	29	20	15.0	-0.3	1.3	6.5	15.	1.0
2011	6	29	21	14.5	0.1	1.5	5.0	21.	6.0
2011	6	29	22	14.3	0.4	0.7	3.4	21.	10.0
2011	6	29	23	13.8	0.3	0.8	3.4	20.	21.0
2011	6	29	24	13.2	0.2	0.3	1.2	2019.	75.0
2011	6	30	1	13.0	0.1	0.4	1.6	12.	3.0
2011	6	30	2	12.7	0.1	0.5	1.9	20.	17.0
2011	6	30	3	12.5	0.1	0.5	1.6	12.	12.0
2011	6	30	4	12.4	0.1	0.6	1.6	10.	16.0
2011	6	30	5	12.1	0.1	0.6	1.9	11.	26.0
2011	6	30	6	12.2	0.1	0.8	2.8	1011.	0.0
2011	6	30	7	12.4	0.2	1.2	3.7	18.	0.0
2011	6	30	8	13.2	-0.3	0.7	2.2	1022.	20.0
2011	6	30	9	13.9	-0.6	1.3	2.8	1008.	9.0
2011	6	30	10	13.9	-0.4	1.1	4.4	24.	129.0
2011	6	30	11	14.2	-0.4	2.2	5.3	24.	5.0
2011	6	30	12	14.9	-0.5	2.1	5.3	22.	39.0
2011	6	30	13	14.8	-0.4	2.6	6.5	23.	133.0
2011	6	30	14	16.1	-0.5	1.5	4.7	21.	4.0
2011	6	30	15	16.3	-0.4	1.9	5.0	22.	1.0
2011	6	30	16	15.8	-0.4	1.6	5.0	13.	2.0
2011	6	30	17	15.8	-0.3	1.3	4.0	15.	59.0
2011	6	30	18	15.9	-0.3	1.4	5.0	15.	66.0
2011	6	30	19	15.5	-0.2	1.1	3.1	16.	1.0
2011	6	30	20	15.1	-0.1	1.2	3.7	16.	3.0
2011	6	30	21	14.9	-0.1	1.3	3.4	19.	2.0
2011	6	30	22	14.7	0.0	1.2	4.0	19.	1.0
2011	6	30	23	14.4	0.0	1.2	4.7	20.	30.0
2011	6	30	24	14.2	0.0	1.2	4.0	21.	15.0

MANGLER (ANT)	133	144	0	0	1	0
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MANGLER (%)	18.5	20.0	0.0	0.0	0.1	0.0
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PERIODE: 1/ 7 2011 - 31/ 7 2011

Par. 1: T-2m , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 2: T(10-, Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 3: FF , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 4: Gust , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 5: DD , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 6: PM10S, Stasjon 1661, Søndenaia (saud, Skal.faktor: 1.000

				T-2mT(10-2m)		FF	Gust	DD	PM10Son
				grader	grader	m/s	m/sdekagrad	grad	ug/m3
2011	7	1	1	13.7	0.1	0.7	2.5	16.	29.0
2011	7	1	2	13.4	0.2	0.6	2.8	16.	15.0
2011	7	1	3	12.7	0.1	0.7	2.5	16.	16.0
2011	7	1	4	12.1	0.1	0.5	1.6	32.	10.0
2011	7	1	5	12.0	0.0	0.6	1.6	31.	8.0
2011	7	1	6	11.9	0.0	0.8	2.5	11.	6.0
2011	7	1	7	12.1	-0.1	1.0	2.2	9.	12.0
2011	7	1	8	12.2	-0.1	0.3	1.2	2012.	9.0
2011	7	1	9	12.4	-0.2	0.6	2.5	21.	5.0
2011	7	1	10	13.2	-0.5	1.0	3.1	23.	2.0
2011	7	1	11	14.0	-0.4	0.9	3.7	1035.	1.0
2011	7	1	12	14.0	-0.2	1.6	5.3	18.	7.0
2011	7	1	13	14.5	-0.3	1.1	3.4	18.	2.0
2011	7	1	14	14.9	-0.3	1.4	3.7	21.	2.0
2011	7	1	15	15.4	-0.2	0.9	2.8	21.	2.0
2011	7	1	16	15.9	-0.2	1.2	4.4	22.	5.0
2011	7	1	17	15.6	-0.2	1.8	5.6	22.	2.0
2011	7	1	18	15.9	-0.3	1.4	3.7	24.	6.0
2011	7	1	19	15.8	-0.1	1.1	3.7	23.	7.0
2011	7	1	20	15.3	0.0	1.4	4.4	22.	12.0
2011	7	1	21	15.2	-0.1	0.8	2.8	22.	10.0
2011	7	1	22	14.9	0.0	0.3	1.2	2021.	19.0
2011	7	1	23	14.3	0.3	0.6	1.9	1012.	15.0
2011	7	1	24	13.6	0.3	0.9	2.2	11.	17.0
2011	7	2	1	12.7	0.3	0.9	1.9	9.	5.0
2011	7	2	2	12.3	0.3	0.8	2.2	9.	8.0
2011	7	2	3	12.1	0.2	0.2	0.9	2011.	7.0
2011	7	2	4	12.0	0.2	0.4	1.2	2011.	13.0
2011	7	2	5	11.8	0.2	0.7	2.5	1023.	8.0
2011	7	2	6	12.4	0.0	1.1	2.5	1010.	6.0
2011	7	2	7	12.7	-0.3	0.8	2.2	21.	6.0
2011	7	2	8	13.7	-0.5	0.8	1.9	22.	2.0
2011	7	2	9	13.7	-0.6	1.6	3.7	23.	19.0
2011	7	2	10	14.9	-0.8	1.9	3.1	24.	15.0
2011	7	2	11	17.1	-0.7	1.3	2.5	23.	21.0
2011	7	2	12	16.5	-0.6	1.8	3.4	23.	26.0
2011	7	2	13	17.8	-0.5	1.0	2.8	24.	17.0
2011	7	2	14	19.0	-0.9	1.7	2.8	24.	21.0
2011	7	2	15	19.1	-0.3	1.0	1.9	23.	22.0
2011	7	2	16	18.0	-0.2	0.8	1.9	20.	18.0
2011	7	2	17	18.3	-0.1	1.1	3.1	23.	10.0
2011	7	2	18	17.3	-0.2	1.5	3.7	22.	18.0
2011	7	2	19	17.3	-0.1	0.5	1.6	1018.	22.0
2011	7	2	20	16.4	-0.1	1.2	3.1	22.	25.0
2011	7	2	21	16.0	0.0	0.6	1.6	18.	29.0
2011	7	2	22	15.7	0.1	0.4	1.2	18.	22.0
2011	7	2	23	15.3	0.1	0.8	2.8	22.	19.0

2011	7	2	24	15.3	0.1	0.3	0.9	2018.	27.0
2011	7	3	1	15.1	0.1	0.6	2.2	22.	21.0
2011	7	3	2	14.9	0.0	0.2	0.9	2022.	13.0
2011	7	3	3	14.8	0.0	0.3	1.2	2021.	8.0
2011	7	3	4	14.7	0.0	0.5	2.2	22.	7.0
2011	7	3	5	14.6	-0.1	0.8	1.9	1010.	7.0
2011	7	3	6	14.7	-0.1	0.6	2.5	1004.	7.0
2011	7	3	7	14.5	-0.1	0.9	2.2	22.	6.0
2011	7	3	8	14.5	-0.1	0.4	1.6	24.	6.0
2011	7	3	9	14.6	-0.1	0.5	2.8	2025.	0.0
2011	7	3	10	14.5	-0.1	0.8	2.5	25.	0.0
2011	7	3	11	14.4	-0.2	1.2	3.7	23.	1.0
2011	7	3	12	14.4	-0.2	1.4	3.1	23.	0.0
2011	7	3	13	14.7	-0.3	1.4	2.8	23.	1.0
2011	7	3	14	14.7	-0.4	1.2	2.5	23.	6.0
2011	7	3	15	14.9	-0.5	1.5	2.8	23.	1.0
2011	7	3	16	15.5	-0.4	1.2	3.1	24.	7.0
2011	7	3	17	15.0	-0.3	1.6	3.7	26.	11.0
2011	7	3	18	15.0	-0.2	1.1	3.1	25.	9.0
2011	7	3	19	15.0	-0.2	1.1	4.4	26.	8.0
2011	7	3	20	14.5	-0.1	1.7	5.3	1028.	17.0
2011	7	3	21	14.0	-0.1	1.1	3.4	2.	15.0
2011	7	3	22	13.8	-0.1	0.8	2.8	3.	17.0
2011	7	3	23	13.7	-0.1	0.8	2.2	1.	15.0
2011	7	3	24	13.6	-0.1	1.0	2.8	24.	10.0
2011	7	4	1	13.6	-0.1	1.0	3.4	26.	8.0
2011	7	4	2	13.5	-0.1	0.8	3.1	1012.	11.0
2011	7	4	3	13.4	-0.1	0.4	1.9	19.	14.0
2011	7	4	4	13.4	-0.1	0.4	1.9	20.	22.0
2011	7	4	5	13.3	-0.1	0.5	1.9	22.	15.0
2011	7	4	6	13.4	-0.1	0.8	2.8	23.	10.0
2011	7	4	7	13.5	-0.2	0.4	1.2	2021.	17.0
2011	7	4	8	13.9	-0.2	0.4	1.6	21.	11.0
2011	7	4	9	14.5	-0.3	0.9	2.5	23.	25.0
2011	7	4	10	15.5	-0.9	1.4	2.8	23.	129.0
2011	7	4	11	16.1	-1.0	2.0	3.7	24.	3.0
2011	7	4	12	17.1	-1.1	2.6	5.0	24.	0.0
2011	7	4	13	18.1	-1.0	2.4	4.7	23.	1.0
2011	7	4	14	18.8	-1.0	2.9	5.0	24.	10.0
2011	7	4	15	19.5	-0.9	3.0	5.0	25.	0.0
2011	7	4	16	19.4	-0.7	2.6	4.0	25.	32.0
2011	7	4	17	19.2	-0.6	2.3	5.0	26.	41.0
2011	7	4	18	19.4	-0.5	1.2	3.4	26.	21.0
2011	7	4	19	18.8	-0.2	1.1	3.7	26.	10.0
2011	7	4	20	17.9	-0.1	3.4	6.2	27.	5.0
2011	7	4	21	17.4	-0.2	1.0	3.1	1005.	0.0
2011	7	4	22	16.7	-0.1	1.0	3.1	1022.	22.0
2011	7	4	23	16.1	0.0	0.7	2.2	15.	10.0
2011	7	4	24	15.8	0.1	0.4	1.6	2016.	22.0
2011	7	5	1	15.5	0.1	1.1	3.4	1020.	26.0
2011	7	5	2	15.5	-0.1	1.0	2.5	9.	12.0
2011	7	5	3	15.4	0.0	0.4	1.6	18.	16.0
2011	7	5	4	15.3	0.0	0.6	1.6	16.	17.0
2011	7	5	5	15.1	0.0	0.3	0.9	18.	14.0
2011	7	5	6	15.3	-0.1	0.7	1.9	18.	13.0
2011	7	5	7	15.4	-0.2	0.7	1.9	22.	11.0
2011	7	5	8	16.5	-0.4	0.7	2.2	22.	15.0
2011	7	5	9	18.0	-0.5	0.9	2.2	22.	12.0

2011	7	5	10	17.3	-0.5	1.5	3.1	23.	58.0
2011	7	5	11	18.0	-0.6	1.9	3.1	23.	37.0
2011	7	5	12	18.2	-0.3	1.5	3.7	21.	22.0
2011	7	5	13	19.8	-0.6	1.1	3.4	21.	34.0
2011	7	5	14	20.1	-0.8	1.7	3.7	24.	84.0
2011	7	5	15	20.9	-0.7	1.6	3.7	23.	2.0
2011	7	5	16	21.6	-0.5	1.2	3.1	1009.	17.0
2011	7	5	17	22.4	-0.6	1.2	4.0	1023.	26.0
2011	7	5	18	21.1	-0.4	2.1	6.2	25.	20.0
2011	7	5	19	20.0	-0.8	2.3	5.3	29.	12.0
2011	7	5	20	19.4	-0.8	1.5	5.3	29.	16.0
2011	7	5	21	17.0	-0.2	2.2	7.5	1003.	40.0
2011	7	5	22	16.0	-0.1	1.5	3.7	1034.	38.0
2011	7	5	23	15.5	-0.1	1.3	3.1	24.	33.0
2011	7	5	24	15.0	-0.1	0.8	2.5	22.	39.0
2011	7	6	1	14.7	0.0	0.5	1.6	22.	42.0
2011	7	6	2	14.8	0.0	0.5	1.9	22.	32.0
2011	7	6	3	14.7	0.0	0.5	1.6	23.	36.0
2011	7	6	4	14.7	0.0	0.4	1.2	23.	27.0
2011	7	6	5	14.7	0.0	0.6	2.5	22.	40.0
2011	7	6	6	14.7	-0.1	1.1	3.7	1024.	33.0
2011	7	6	7	14.8	-0.1	1.2	3.7	1012.	27.0
2011	7	6	8	15.4	-0.2	0.4	1.9	1022.	50.0
2011	7	6	9	16.1	-0.2	0.7	1.9	23.	47.0
2011	7	6	10	17.1	-0.6	1.1	2.5	23.	65.0
2011	7	6	11	19.9	-0.3	0.7	3.4	23.	69.0
2011	7	6	12	19.9	-0.5	0.9	4.4	22.	116.0
2011	7	6	13	21.1	-0.2	1.0	2.2	23.	77.0
2011	7	6	14	23.3	0.1	1.0	3.1	1004.	29.0
2011	7	6	15	22.2	0.3	3.1	6.2	8.	24.0
2011	7	6	16	20.4	0.1	2.1	4.7	1004.	63.0
2011	7	6	17	20.7	-0.5	1.3	4.4	25.	18.0
2011	7	6	18	21.3	-0.1	2.0	7.8	4.	6.0
2011	7	6	19	21.3	0.2	2.4	6.8	8.	375.0
2011	7	6	20	21.3	0.7	2.1	4.7	9.	0.0
2011	7	6	21	20.8	0.8	0.8	2.8	11.	14.0
2011	7	6	22	19.7	0.8	1.7	3.7	9.	4.0
2011	7	6	23	18.9	1.0	2.0	5.3	9.	9.0
2011	7	6	24	18.1	1.2	2.3	4.4	9.	24.0
2011	7	7	1	16.3	0.8	1.6	3.4	9.	31.0
2011	7	7	2	16.1	0.9	1.9	3.4	9.	21.0
2011	7	7	3	16.2	0.5	1.9	3.7	8.	54.0
2011	7	7	4	16.0	0.6	1.3	3.7	9.	4.0
2011	7	7	5	15.0	0.2	1.0	2.5	10.	8.0
2011	7	7	6	14.9	0.1	1.1	4.4	1009.	6.0
2011	7	7	7	15.2	0.1	2.1	6.8	29.	4.0
2011	7	7	8	14.3	0.0	1.0	4.4	1004.	45.0
2011	7	7	9	14.6	-0.2	0.8	2.2	8.	4.0
2011	7	7	10	15.9	-0.3	0.6	1.9	1020.	13.0
2011	7	7	11	17.0	-0.5	1.1	2.8	22.	0.0
2011	7	7	12	16.9	-0.6	2.1	3.4	24.	18.0
2011	7	7	13	18.4	-0.6	1.0	2.8	23.	12.0
2011	7	7	14	19.9	-0.6	1.1	3.4	22.	7.0
2011	7	7	15	20.5	-0.5	1.0	3.4	2.	44.0
2011	7	7	16	19.8	-0.4	1.5	5.0	2.	25.0
2011	7	7	17	20.0	-0.3	1.4	4.7	32.	68.0
2011	7	7	18	19.1	-0.2	1.3	4.4	1005.	145.0
2011	7	7	19	18.5	-0.2	1.2	4.4	1018.	34.0
2011	7	7	20	17.6	0.3	2.4	6.5	24.	38.0



2011	7	7	21	16.7	0.0	1.6	3.4	6.	82.0
2011	7	7	22	16.0	0.0	1.5	3.1	7.	6.0
2011	7	7	23	15.2	0.1	1.3	2.8	8.	16.0
2011	7	7	24	14.3	0.2	0.9	1.9	9.	21.0
2011	7	8	1	13.8	0.2	1.1	2.5	8.	32.0
2011	7	8	2	12.7	0.5	1.1	2.5	9.	23.0
2011	7	8	3	11.9	0.6	1.2	2.8	10.	31.0
2011	7	8	4	11.6	0.2	1.0	2.5	8.	18.0
2011	7	8	5	12.3	0.3	0.8	1.9	6.	18.0
2011	7	8	6	12.1	0.3	1.3	2.8	8.	34.0
2011	7	8	7	13.5	-0.2	1.2	3.4	11.	10.0
2011	7	8	8	15.5	-0.4	0.5	1.6	18.	9.0
2011	7	8	9	15.4	-0.3	0.7	2.8	23.	42.0
2011	7	8	10	15.5	-0.3	1.2	3.4	24.	35.0
2011	7	8	11	16.7	-0.4	1.0	2.8	1023.	120.0
2011	7	8	12	17.2	-0.5	1.7	4.4	24.	69.0
2011	7	8	13	16.8	-0.2	1.2	3.7	24.	21.0
2011	7	8	14	17.8	-0.3	1.2	2.5	23.	51.0
2011	7	8	15	16.7	-0.1	1.3	3.7	1023.	38.0
2011	7	8	16	15.8	0.1	2.1	5.9	10.	48.0
2011	7	8	17	15.9	0.0	1.4	3.1	10.	14.0
2011	7	8	18	15.5	-0.1	0.8	2.5	11.	57.0
2011	7	8	19	15.2	-0.1	0.5	2.5	20.	14.0
2011	7	8	20	15.0	-0.1	0.2	0.9	2020.	21.0
2011	7	8	21	14.6	-0.1	0.7	1.9	22.	7.0
2011	7	8	22	14.2	-0.1	0.7	1.6	1018.	69.0
2011	7	8	23	13.7	0.0	0.7	1.9	9.	7.0
2011	7	8	24	13.3	0.0	0.6	1.2	9.	14.0
2011	7	9	1	13.2	0.0	0.6	1.6	12.	16.0
2011	7	9	2	13.1	0.0	1.1	2.5	12.	10.0
2011	7	9	3	12.8	0.1	0.6	1.6	9.	14.0
2011	7	9	4	12.8	0.0	0.8	2.2	10.	6.0
2011	7	9	5	12.8	0.0	0.4	1.9	2010.	29.0
2011	7	9	6	12.8	0.0	0.7	2.2	11.	9.0
2011	7	9	7	13.0	-0.1	0.4	1.6	15.	11.0
2011	7	9	8	13.4	-0.2	0.7	1.9	8.	144.0
2011	7	9	9	14.4	-0.3	0.7	1.9	1021.	0.0
2011	7	9	10	15.0	-0.3	0.7	2.2	22.	2.0
2011	7	9	11	16.3	-0.6	1.2	3.4	24.	17.0
2011	7	9	12	16.6	-0.4	1.0	3.4	1024.	20.0
2011	7	9	13	17.4	-0.3	0.7	3.1	1020.	13.0
2011	7	9	14	18.0	-0.4	1.6	3.4	1024.	20.0
2011	7	9	15	17.3	0.0	1.0	4.0	22.	32.0
2011	7	9	16	15.8	-0.2	0.9	3.4	7.	11.0
2011	7	9	17	15.5	-0.2	0.7	3.1	8.	24.0
2011	7	9	18	15.2	-0.1	1.0	2.5	1008.	12.0
2011	7	9	19	15.2	0.1	2.3	15.2	8.	9.0
2011	7	9	20	14.9	0.1	3.5	13.1	1021.	23.0
2011	7	9	21	15.0	0.2	4.2	9.6	24.	113.0
2011	7	9	22	14.5	0.2	2.6	5.6	26.	13.0
2011	7	9	23	13.4	0.2	0.9	2.5	1009.	2.0
2011	7	9	24	12.9	0.1	0.8	1.6	10.	6.0

2011	7	10	1	12.1	0.5	0.6	1.6	11.	5.0
2011	7	10	2	11.5	0.3	1.0	2.2	10.	5.0
2011	7	10	3	11.7	0.1	0.6	1.9	10.	3.0
2011	7	10	4	11.9	0.1	0.9	2.2	10.	4.0
2011	7	10	5	11.9	0.2	0.9	2.5	12.	12.0
2011	7	10	6	12.0	0.0	1.1	2.5	8.	4.0
2011	7	10	7	12.1	0.1	0.8	2.5	11.	33.0
2011	7	10	8	12.6	0.0	0.6	2.5	1013.	32.0
2011	7	10	9	12.8	0.0	1.3	2.8	1010.	4.0
2011	7	10	10	13.7	-0.2	0.8	1.9	6.	17.0
2011	7	10	11	14.3	-0.3	1.1	2.8	1026.	4.0
2011	7	10	12	14.8	-0.4	1.1	2.5	27.	17.0
2011	7	10	13	15.2	-0.4	1.4	3.7	23.	67.0
2011	7	10	14	15.3	-0.4	1.4	4.7	24.	64.0
2011	7	10	15	16.4	-0.4	3.1	7.8	1024.	56.0
2011	7	10	16	16.8	-0.3	5.0	9.9	24.	29.0
2011	7	10	17	16.3	-0.1	4.4	8.1	25.	30.0
2011	7	10	18	17.1	-0.3	4.9	9.3	24.	4.0
2011	7	10	19	16.2	0.0	2.9	7.8	23.	25.0
2011	7	10	20	15.5	0.2	2.7	6.5	23.	18.0
2011	7	10	21	14.8	0.2	2.6	6.5	24.	24.0
2011	7	10	22	13.8	0.1	1.0	2.2	10.	20.0
2011	7	10	23	13.5	0.0	1.1	2.8	11.	12.0
2011	7	10	24	13.3	0.0	1.0	4.0	11.	14.0
2011	7	11	1	13.2	0.0	0.6	1.6	15.	13.0
2011	7	11	2	13.2	-0.1	1.2	2.5	10.	10.0
2011	7	11	3	13.1	0.0	0.8	2.5	10.	9.0
2011	7	11	4	12.9	0.0	1.1	2.5	8.	9.0
2011	7	11	5	12.8	0.0	0.7	1.9	10.	13.0
2011	7	11	6	12.8	-0.1	1.2	2.5	11.	11.0
2011	7	11	7	13.1	-0.1	1.1	2.5	12.	5.0
2011	7	11	8	13.3	-0.1	1.2	2.5	10.	3.0
2011	7	11	9	14.3	-0.1	1.4	3.1	1025.	0.0
2011	7	11	10	14.0	-0.1	2.0	4.7	27.	11.0
2011	7	11	11	13.5	-0.1	1.7	5.3	26.	19.0
2011	7	11	12	13.4	-0.2	1.5	4.7	1025.	8.0
2011	7	11	13	14.3	-0.4	1.0	3.4	1029.	0.0
2011	7	11	14	14.1	-0.4	1.0	3.7	1024.	2.0
2011	7	11	15	14.4	-0.3	1.4	4.4	26.	5.0
2011	7	11	16	14.3	-0.2	1.1	4.4	25.	6.0
2011	7	11	17	14.6	-0.2	0.5	1.9	26.	4.0
2011	7	11	18	14.8	0.1	1.2	5.0	24.	4.0
2011	7	11	19	13.6	0.1	1.4	4.7	18.	17.0
2011	7	11	20	13.8	0.3	1.7	7.1	24.	10.0
2011	7	11	21	14.0	0.2	1.6	5.3	1026.	7.0
2011	7	11	22	13.2	0.4	0.7	2.5	1016.	11.0
2011	7	11	23	12.6	0.2	0.9	3.4	1027.	15.0
2011	7	11	24	12.0	0.0	0.7	2.2	7.	15.0
2011	7	12	1	11.5	0.0	0.7	1.6	8.	8.0
2011	7	12	2	11.3	0.1	0.6	2.2	8.	2.0
2011	7	12	3	11.1	0.2	1.1	2.8	10.	8.0
2011	7	12	4	10.6	0.2	1.4	2.8	9.	9.0
2011	7	12	5	10.5	0.1	0.8	1.9	8.	7.0
2011	7	12	6	10.7	0.0	0.7	2.2	7.	8.0
2011	7	12	7	11.1	0.1	1.0	2.2	11.	3.0
2011	7	12	8	11.5	0.1	1.5	4.0	24.	3.0
2011	7	12	9	12.5	0.2	2.9	6.2	25.	0.0
2011	7	12	10	12.7	0.1	2.9	5.9	24.	4.0

2011	7	12	11	13.0	0.0	3.3	6.5	25.	2.0
2011	7	12	12	13.4	-0.2	2.6	6.5	25.	5.0
2011	7	12	13	13.7	-0.2	2.4	4.4	23.	8.0
2011	7	12	14	14.3	-0.3	2.8	6.2	24.	4.0
2011	7	12	15	14.7	-0.3	1.7	5.0	22.	105.0
2011	7	12	16	15.0	-0.3	1.9	5.6	23.	87.0
2011	7	12	17	15.4	-0.3	1.8	5.0	23.	79.0
2011	7	12	18	16.1	-0.6	2.3	5.0	24.	0.0
2011	7	12	19	16.4	-0.4	2.3	5.9	23.	4.0
2011	7	12	20	16.6	-0.4	2.4	6.2	23.	6.0
2011	7	12	21	15.9	-0.1	1.7	5.6	22.	16.0
2011	7	12	22	14.0	0.6	1.1	3.1	1027.	21.0
2011	7	12	23	11.8	0.6	1.4	2.5	9.	11.0
2011	7	12	24	10.8	0.6	1.3	2.8	11.	7.0
2011	7	13	1	10.1	0.7	1.3	2.5	11.	4.0
2011	7	13	2	9.2	0.4	1.2	2.2	10.	2.0
2011	7	13	3	9.0	0.8	1.1	1.9	10.	7.0
2011	7	13	4	8.5	0.7	1.3	2.5	11.	2.0
2011	7	13	5	8.2	0.6	1.1	2.5	10.	4.0
2011	7	13	6	8.2	0.4	1.2	2.5	11.	4.0
2011	7	13	7	9.4	0.0	0.7	1.9	11.	11.0
2011	7	13	8	11.1	0.0	0.3	0.9	2011.	7.0
2011	7	13	9	13.1	-0.2	0.6	1.6	12.	0.0
2011	7	13	10	13.3	-0.6	1.6	2.8	24.	24.0
2011	7	13	11	15.3	-0.7	1.4	2.5	24.	32.0
2011	7	13	12	17.2	-0.8	1.9	3.1	24.	28.0
2011	7	13	13	18.0	-0.7	2.0	4.7	24.	21.0
2011	7	13	14	19.4	-0.9	3.9	7.1	25.	13.0
2011	7	13	15	19.5	-0.7	3.8	7.5	25.	12.0
2011	7	13	16	19.9	-0.8	4.5	7.5	24.	9.0
2011	7	13	17	20.2	-0.8	4.2	6.8	24.	19.0
2011	7	13	18	19.9	-0.3	3.5	5.9	24.	17.0
2011	7	13	19	19.8	-0.1	2.6	5.9	23.	10.0
2011	7	13	20	19.5	-0.2	3.2	5.6	24.	14.0
2011	7	13	21	19.0	0.1	2.8	5.3	24.	20.0
2011	7	13	22	16.2	0.7	1.1	3.1	1026.	23.0
2011	7	13	23	13.8	0.7	1.1	1.9	10.	17.0
2011	7	13	24	12.5	0.9	1.3	1.9	9.	13.0
2011	7	14	1	11.6	0.7	1.2	1.9	10.	8.0
2011	7	14	2	10.9	0.9	1.2	1.9	10.	4.0
2011	7	14	3	10.4	0.7	1.2	2.2	10.	6.0
2011	7	14	4	10.2	0.7	1.2	2.2	10.	8.0
2011	7	14	5	10.0	0.8	1.0	2.2	10.	8.0
2011	7	14	6	10.1	0.7	0.8	1.9	8.	26.0
2011	7	14	7	11.9	-0.1	0.6	1.2	7.	0.0
2011	7	14	8	13.8	-0.4	0.9	1.9	1008.	1.0
2011	7	14	9	14.1	-0.6	1.2	2.2	22.	22.0
2011	7	14	10	15.5	-0.6	1.3	2.5	23.	28.0
2011	7	14	11	17.5	-0.6	1.2	2.2	24.	30.0
2011	7	14	12	18.6	-0.5	1.1	2.5	23.	25.0
2011	7	14	13	22.1	-0.6	1.2	3.1	24.	44.0
2011	7	14	14	21.3	-0.3	1.4	3.1	24.	86.0
2011	7	14	15	23.1	-0.7	2.5	4.0	24.	13.0
2011	7	14	16	24.3	-0.7	2.8	4.7	24.	19.0
2011	7	14	17	24.8	-0.5	2.8	5.3	23.	17.0
2011	7	14	18	24.2	-0.4	3.2	7.1	24.	17.0
2011	7	14	19	23.6	-0.2	3.9	7.8	24.	7.0
2011	7	14	20	22.7	-0.1	3.1	5.6	23.	22.0
2011	7	14	21	21.4	0.1	2.2	5.3	22.	36.0

2011	7	14	22	19.4	0.8	0.9	3.4	1014.	27.0
2011	7	14	23	16.7	1.0	1.2	2.5	10.	25.0
2011	7	14	24	15.2	1.2	1.3	2.5	12.	15.0
2011	7	15	1	14.1	1.1	1.3	2.8	12.	16.0
2011	7	15	2	13.3	0.7	1.2	2.5	12.	6.0
2011	7	15	3	13.0	0.7	1.4	2.5	11.	4.0
2011	7	15	4	13.2	1.0	1.0	2.5	12.	7.0
2011	7	15	5	12.4	0.6	0.9	1.9	11.	5.0
2011	7	15	6	12.6	0.7	0.9	2.5	12.	8.0
2011	7	15	7	13.0	0.4	0.7	1.9	11.	2.0
2011	7	15	8	13.8	0.0	0.4	1.2	11.	2.0
2011	7	15	9	15.2	-0.3	0.4	1.2	11.	0.0
2011	7	15	10	16.0	-0.4	1.1	2.8	21.	17.0
2011	7	15	11	17.1	-0.6	1.2	2.8	24.	33.0
2011	7	15	12	17.3	-0.6	2.1	3.7	25.	34.0
2011	7	15	13	19.3	-0.8	1.7	2.8	26.	27.0
2011	7	15	14	20.5	-0.6	2.0	5.0	24.	11.0
2011	7	15	15	21.6	-0.4	3.9	7.1	26.	8.0
2011	7	15	16	20.4	0.0	2.4	7.1	28.	21.0
2011	7	15	17	18.4	-0.2	0.9	5.0	3.	15.0
2011	7	15	18	18.6	-0.2	1.2	3.1	2.	7.0
2011	7	15	19	18.9	-0.2	0.8	3.7	1034.	4.0
2011	7	15	20	19.4	-0.2	2.0	5.6	26.	6.0
2011	7	15	21	18.3	0.1	3.4	6.2	24.	20.0
2011	7	15	22	16.5	0.3	1.7	5.9	23.	11.0
2011	7	15	23	15.7	0.4	1.4	5.0	19.	13.0
2011	7	15	24	14.1	1.2	1.1	2.8	10.	22.0
2011	7	16	1	11.9	0.8	1.5	2.8	10.	20.0
2011	7	16	2	10.6	0.6	1.4	2.2	9.	9.0
2011	7	16	3	10.4	0.5	1.3	3.1	9.	5.0
2011	7	16	4	11.3	0.1	1.2	2.2	11.	2.0
2011	7	16	5	11.8	0.0	0.9	2.5	11.	3.0
2011	7	16	6	12.3	0.0	0.5	1.9	9.	7.0
2011	7	16	7	13.1	-0.1	0.4	1.9	2009.	0.0
2011	7	16	8	14.5	-0.4	0.5	1.6	11.	0.0
2011	7	16	9	15.2	-0.6	1.2	3.1	23.	11.0
2011	7	16	10	15.9	-0.6	1.3	2.8	23.	12.0
2011	7	16	11	16.3	-0.6	1.9	3.4	24.	16.0
2011	7	16	12	18.6	-0.6	1.0	2.8	26.	14.0
2011	7	16	13	20.1	-0.8	1.8	4.0	24.	10.0
2011	7	16	14	20.0	-0.2	1.6	4.0	22.	6.0
2011	7	16	15	19.0	-0.1	1.1	3.7	21.	18.0
2011	7	16	16	20.4	-0.2	0.4	2.2	10.	6.0
2011	7	16	17	19.6	-0.2	0.8	3.1	21.	15.0
2011	7	16	18	19.4	-0.1	0.9	2.2	1021.	13.0
2011	7	16	19	19.0	0.0	0.6	2.2	1015.	15.0
2011	7	16	20	19.2	0.3	1.0	3.1	16.	8.0
2011	7	16	21	18.9	0.7	1.8	7.1	10.	19.0
2011	7	16	22	16.2	0.6	1.5	4.4	10.	15.0
2011	7	16	23	18.0	0.6	2.3	7.5	1004.	12.0
2011	7	16	24	14.7	0.3	2.2	4.0	10.	27.0
2011	7	17	1	14.1	0.2	2.0	4.4	8.	12.0
2011	7	17	2	14.2	0.2	1.5	3.7	14.	6.0
2011	7	17	3	14.3	0.5	1.1	3.4	12.	3.0
2011	7	17	4	17.4	0.9	3.7	9.0	1006.	0.0
2011	7	17	5	19.0	0.8	4.5	8.7	4.	0.0
2011	7	17	6	19.7	0.5	5.5	15.2	6.	1.0
2011	7	17	7	20.2	0.5	5.1	11.8	4.	8.0

2011	7	17	8	20.3	0.4	4.8	14.3	2.	8.0
2011	7	17	9	20.5	0.4	5.7	14.9	3.	6.0
2011	7	17	10	20.2	0.3	6.3	13.7	4.	10.0
2011	7	17	11	19.9	0.3	6.1	14.6	4.	10.0
2011	7	17	12	19.8	0.3	6.8	15.9	4.	12.0
2011	7	17	13	19.8	0.4	7.8	17.7	4.	16.0
2011	7	17	14	19.6	0.4	7.8	17.1	5.	7.0
2011	7	17	15	19.1	0.5	7.8	17.4	5.	10.0
2011	7	17	16	17.3	0.7	5.3	9.9	5.	7.0
2011	7	17	17	16.8	0.4	1.9	6.2	1020.	6.0
2011	7	17	18	15.7	0.2	1.0	3.4	13.	16.0
2011	7	17	19	14.8	0.1	1.5	6.8	1024.	8.0
2011	7	17	20	14.7	-0.1	1.2	2.5	11.	5.0
2011	7	17	21	14.7	0.0	0.6	1.9	6.	2.0
2011	7	17	22	14.3	0.1	1.8	4.7	26.	2.0
2011	7	17	23	13.6	0.1	1.5	3.1	1010.	10.0
2011	7	17	24	13.3	0.1	1.8	3.1	9.	6.0
2011	7	18	1	12.5	0.4	1.5	3.7	10.	2.0
2011	7	18	2	11.9	0.2	1.5	3.4	9.	6.0
2011	7	18	3	11.9	0.2	1.3	2.8	9.	9.0
2011	7	18	4	11.8	0.1	1.4	3.1	9.	9.0
2011	7	18	5	11.8	0.1	1.9	3.7	9.	9.0
2011	7	18	6	11.9	0.2	0.9	2.2	14.	10.0
2011	7	18	7	12.7	0.0	0.9	1.9	11.	15.0
2011	7	18	8	14.2	-0.2	1.1	3.1	22.	0.0
2011	7	18	9	15.1	-0.3	0.8	3.7	27.	13.0
2011	7	18	10	17.5	-0.6	1.5	4.7	1028.	0.0
2011	7	18	11	19.6	-0.6	3.1	7.8	5.	6.0
2011	7	18	12	19.1	0.0	3.7	7.8	5.	15.0
2011	7	18	13	19.6	-0.1	4.5	10.3	5.	9.0
2011	7	18	14	19.2	0.2	2.1	7.5	4.	13.0
2011	7	18	15	16.9	0.2	1.4	5.9	10.	10.0
2011	7	18	16	18.2	0.3	3.2	8.1	8.	1.0
2011	7	18	17	18.9	0.3	3.3	9.6	5.	5.0
2011	7	18	18	19.1	-0.1	4.3	9.9	5.	2.0
2011	7	18	19	18.9	0.3	3.8	8.1	6.	5.0
2011	7	18	20	18.9	0.3	3.6	6.5	6.	5.0
2011	7	18	21	17.6	0.7	2.1	5.6	8.	5.0
2011	7	18	22	16.8	0.9	2.4	5.0	9.	6.0
2011	7	18	23	15.1	0.6	2.5	4.4	9.	16.0
2011	7	18	24	14.6	0.6	2.4	4.0	10.	11.0
2011	7	19	1	14.0	0.6	1.0	2.5	12.	15.0
2011	7	19	2	14.1	0.5	2.3	4.0	10.	2.0
2011	7	19	3	13.8	0.4	1.3	5.0	12.	0.0
2011	7	19	4	14.1	0.6	1.1	4.0	1013.	2.0
2011	7	19	5	13.6	0.3	1.0	2.5	13.	4.0
2011	7	19	6	13.6	0.2	1.3	3.4	10.	4.0
2011	7	19	7	14.2	0.2	1.2	4.0	1022.	5.0
2011	7	19	8	14.7	0.0	1.5	3.4	8.	2.0
2011	7	19	9	15.9	-0.3	0.8	2.5	8.	7.0
2011	7	19	10	16.5	-0.4	1.2	2.8	24.	11.0
2011	7	19	11	15.8	-0.1	1.1	3.4	24.	23.0
2011	7	19	12	17.1	-0.2	1.1	4.7	1007.	4.0
2011	7	19	13	18.9	-0.3	1.6	4.7	1029.	3.0
2011	7	19	14	18.4	0.2	1.6	7.5	26.	14.0
2011	7	19	15	17.2	0.1	1.4	5.0	1006.	11.0
2011	7	19	16	16.9	0.0	1.3	4.0	0.	5.0
2011	7	19	17	16.8	0.3	1.5	6.8	1004.	15.0
2011	7	19	18	15.2	0.2	1.4	5.0	12.	21.0

2011	7	19	19	14.6	0.0	1.3	2.8	8.	15.0
2011	7	19	20	14.3	-0.1	0.9	2.2	10.	11.0
2011	7	19	21	13.9	0.1	0.8	1.9	11.	8.0
2011	7	19	22	13.9	0.1	0.9	3.7	1012.	13.0
2011	7	19	23	13.8	0.0	0.8	1.9	10.	12.0
2011	7	19	24	13.6	0.0	0.7	1.9	9.	12.0
2011	7	20	1	13.4	0.0	1.1	2.8	10.	15.0
2011	7	20	2	13.2	0.0	0.2	1.2	2007.	14.0
2011	7	20	3	13.1	0.0	0.5	1.6	7.	9.0
2011	7	20	4	13.0	0.0	0.4	1.9	2008.	7.0
2011	7	20	5	13.0	0.0	0.9	2.2	9.	10.0
2011	7	20	6	13.0	0.0	0.6	2.2	1010.	9.0
2011	7	20	7	13.1	-0.1	0.6	2.2	21.	12.0
2011	7	20	8	13.4	-0.1	1.1	2.5	7.	15.0
2011	7	20	9	13.7	-0.1	0.7	2.2	22.	7.0
2011	7	20	10	14.1	-0.2	0.6	1.9	24.	2.0
2011	7	20	11	14.6	-0.4	0.9	4.4	24.	20.0
2011	7	20	12	14.7	-0.3	0.8	2.8	1023.	12.0
2011	7	20	13	15.2	-0.3	1.0	3.4	1026.	10.0
2011	7	20	14	15.8	-0.4	0.9	3.7	22.	7.0
2011	7	20	15	15.4	-0.2	1.0	3.1	1030.	5.0
2011	7	20	16	16.0	-0.4	1.2	3.4	30.	1.0
2011	7	20	17	17.1	-0.5	1.3	3.7	1023.	0.0
2011	7	20	18	16.9	-0.3	1.3	3.4	1022.	17.0
2011	7	20	19	17.1	-0.2	2.5	5.9	1025.	10.0
2011	7	20	20	16.6	0.1	1.5	4.7	25.	23.0
2011	7	20	21	15.8	0.1	1.1	3.4	1013.	29.0
2011	7	20	22	14.3	0.1	1.6	5.3	1025.	22.0
2011	7	20	23	13.6	0.1	0.8	2.2	14.	14.0
2011	7	20	24	13.3	0.1	1.0	1.9	10.	12.0
2011	7	21	1	13.1	0.1	0.7	1.9	12.	10.0
2011	7	21	2	12.5	0.4	0.7	1.9	11.	9.0
2011	7	21	3	12.1	0.1	0.9	1.9	11.	11.0
2011	7	21	4	12.1	0.0	1.0	2.5	6.	6.0
2011	7	21	5	11.9	0.1	0.4	1.6	5.	9.0
2011	7	21	6	11.9	0.1	0.7	1.6	5.	6.0
2011	7	21	7	12.0	0.0	0.9	2.2	3.	4.0
2011	7	21	8	14.3	-0.1	0.4	1.2	2.	0.0
2011	7	21	9	15.2	-0.4	0.8	1.6	1027.	8.0
2011	7	21	10	14.5	-0.3	1.4	4.0	24.	16.0
2011	7	21	11	16.0	-0.7	1.4	3.4	25.	10.0
2011	7	21	12	16.8	-0.8	2.2	3.7	25.	17.0
2011	7	21	13	18.2	-0.7	2.4	5.0	25.	15.0
2011	7	21	14	19.5	-0.6	3.0	6.2	25.	9.0
2011	7	21	15	20.7	-0.7	3.0	7.5	24.	4.0
2011	7	21	16	21.3	-0.7	3.4	6.8	26.	1.0
2011	7	21	17	21.2	-0.6	3.6	7.1	26.	3.0
2011	7	21	18	21.3	-0.6	3.0	6.8	26.	4.0
2011	7	21	19	21.0	-0.3	3.4	7.1	26.	9.0
2011	7	21	20	20.4	-0.2	3.0	6.2	25.	8.0
2011	7	21	21	18.7	0.1	1.8	4.7	21.	15.0
2011	7	21	22	17.6	0.2	1.6	4.7	21.	17.0
2011	7	21	23	16.1	0.6	1.3	2.8	16.	20.0
2011	7	21	24	14.0	0.7	1.3	2.2	12.	14.0

2011	7	22	1	13.1	0.6	1.2	2.5	11.	14.0
2011	7	22	2	12.5	0.3	1.1	1.9	11.	6.0
2011	7	22	3	12.1	0.5	1.0	2.2	11.	8.0
2011	7	22	4	12.0	0.4	0.8	1.9	12.	5.0
2011	7	22	5	11.8	0.3	0.9	1.6	12.	6.0
2011	7	22	6	11.9	0.1	0.9	1.6	12.	6.0
2011	7	22	7	12.6	0.1	0.4	1.2	12.	4.0
2011	7	22	8	13.4	-0.2	0.4	1.2	12.	6.0
2011	7	22	9	14.0	-0.2	0.3	1.2	2012.	43.0
2011	7	22	10	14.0	-0.2	0.6	1.9	1019.	60.0
2011	7	22	11	14.6	-0.3	0.9	2.5	1006.	69.0
2011	7	22	12	15.3	-0.3	0.9	2.2	6.	57.0
2011	7	22	13	15.5	-0.3	0.6	1.9	27.	217.0
2011	7	22	14	17.6	-0.3	0.5	1.6	28.	1.0
2011	7	22	15	17.3	-0.2	0.8	2.2	24.	16.0
2011	7	22	16	17.4	-0.3	1.1	3.1	23.	1.0
2011	7	22	17	16.8	-0.2	1.0	2.5	24.	3.0
2011	7	22	18	16.4	-0.2	0.8	1.9	24.	2.0
2011	7	22	19	16.3	-0.2	0.8	2.2	23.	0.0
2011	7	22	20	16.3	-0.1	0.2	0.9	2024.	10.0
2011	7	22	21	16.1	-0.1	0.8	1.9	12.	14.0
2011	7	22	22	15.9	0.0	0.5	1.6	2012.	4.0
2011	7	22	23	15.6	0.1	0.2	1.2	2012.	5.0
2011	7	22	24	15.1	0.0	0.9	2.2	12.	4.0
2011	7	23	1	14.9	0.1	1.4	2.8	10.	2.0
2011	7	23	2	15.0	0.1	1.2	4.0	10.	65.0
2011	7	23	3	14.9	0.2	1.5	3.7	10.	1.0
2011	7	23	4	14.7	0.2	0.7	2.2	11.	4.0
2011	7	23	5	14.7	0.2	0.7	2.2	1028.	3.0
2011	7	23	6	14.9	0.1	1.1	2.8	10.	3.0
2011	7	23	7	15.1	0.1	1.1	2.5	1008.	7.0
2011	7	23	8	16.0	0.1	1.4	3.7	11.	1.0
2011	7	23	9	16.2	0.1	0.9	3.1	1011.	4.0
2011	7	23	10	16.7	0.0	0.5	1.9	24.	2.0
2011	7	23	11	17.1	0.0	1.0	3.4	1008.	7.0
2011	7	23	12	17.5	-0.1	0.7	2.5	1022.	1.0
2011	7	23	13	17.9	-0.1	0.9	2.2	1023.	26.0
2011	7	23	14	17.9	0.0	1.2	3.4	1023.	17.0
2011	7	23	15	19.1	-0.6	1.3	3.7	24.	12.0
2011	7	23	16	20.1	-0.7	1.5	3.1	24.	29.0
2011	7	23	17	23.3	-0.3	1.9	6.5	24.	6.0
2011	7	23	18	23.4	0.3	1.7	5.6	1031.	33.0
2011	7	23	19	23.8	0.3	0.8	2.8	27.	20.0
2011	7	23	20	23.8	0.7	1.4	5.6	1012.	14.0
2011	7	23	21	22.0	0.9	0.9	2.5	11.	19.0
2011	7	23	22	21.2	0.9	1.1	3.4	11.	3.0
2011	7	23	23	20.5	1.1	0.9	2.8	14.	11.0
2011	7	23	24	19.5	1.2	1.0	2.2	13.	14.0
2011	7	24	1	18.7	0.9	1.0	2.5	10.	13.0
2011	7	24	2	18.0	0.6	1.0	2.8	13.	12.0
2011	7	24	3	17.1	0.5	1.5	3.4	12.	9.0
2011	7	24	4	16.4	0.6	0.9	3.1	12.	9.0
2011	7	24	5	16.3	0.6	1.1	2.5	12.	7.0
2011	7	24	6	16.1	0.3	1.1	3.1	1013.	13.0
2011	7	24	7	16.1	0.1	0.7	2.5	13.	10.0
2011	7	24	8	16.6	-0.1	0.8	3.1	25.	3.0
2011	7	24	9	17.0	-0.2	1.2	3.1	24.	4.0

2011	7	24	10	18.6	-0.4	1.5	3.7	9.	20.0
2011	7	24	11	18.9	-0.5	1.3	3.4	25.	149.0
2011	7	24	12	18.9	-0.5	2.0	4.0	24.	160.0
2011	7	24	13	19.3	-0.3	1.1	3.1	24.	125.0
2011	7	24	14	18.9	-0.2	1.1	2.8	23.	2.0
2011	7	24	15	19.6	-0.4	1.3	5.0	24.	0.0
2011	7	24	16	20.5	-0.4	1.0	2.8	24.	3.0
2011	7	24	17	21.2	-0.6	1.7	4.4	24.	0.0
2011	7	24	18	21.5	-0.7	2.0	5.0	25.	0.0
2011	7	24	19	20.9	-0.5	1.9	4.0	25.	3.0
2011	7	24	20	20.8	-0.3	2.2	5.9	1003.	1.0
2011	7	24	21	19.7	-0.1	1.4	5.6	1010.	21.0
2011	7	24	22	17.3	0.1	2.7	8.4	1012.	6.0
2011	7	24	23	15.5	0.1	2.1	9.6	1013.	28.0
2011	7	24	24	15.2	0.0	0.7	2.8	8.	14.0
2011	7	25	1	15.2	0.0	0.5	1.6	7.	5.0
2011	7	25	2	15.1	0.0	0.3	1.2	2007.	3.0
2011	7	25	3	14.9	0.0	0.4	0.9	7.	4.0
2011	7	25	4	14.8	0.0	0.3	0.9	2008.	8.0
2011	7	25	5	14.8	0.0	0.6	1.6	8.	6.0
2011	7	25	6	14.9	0.0	0.5	1.2	10.	8.0
2011	7	25	7	15.1	0.0	0.6	1.9	2009.	11.0
2011	7	25	8	15.5	-0.1	0.3	1.6	24.	9.0
2011	7	25	9	16.0	-0.1	0.6	1.9	24.	15.0
2011	7	25	10	16.4	0.0	1.0	2.5	26.	20.0
2011	7	25	11	16.9	-0.2	0.9	1.9	27.	28.0
2011	7	25	12	17.9	-0.5	0.7	1.9	28.	7.0
2011	7	25	13	18.8	-0.5	1.0	2.2	1013.	9.0
2011	7	25	14	19.0	-0.2	1.2	2.5	11.	13.0
2011	7	25	15	19.6	-0.2	2.1	3.4	7.	1.0
2011	7	25	16	19.9	-0.3	1.9	3.4	8.	3.0
2011	7	25	17	20.2	-0.4	1.3	3.1	8.	2.0
2011	7	25	18	20.0	-0.3	1.2	2.8	1021.	13.0
2011	7	25	19	19.1	-0.1	1.1	3.1	22.	24.0
2011	7	25	20	17.8	0.1	1.0	2.5	21.	29.0
2011	7	25	21	16.4	-0.1	1.2	1.9	11.	14.0
2011	7	25	22	15.9	0.0	1.1	1.9	11.	10.0
2011	7	25	23	15.8	0.1	0.6	1.6	11.	9.0
2011	7	25	24	15.6	0.1	0.7	1.6	11.	10.0
2011	7	26	1	15.5	0.0	0.6	1.9	11.	3.0
2011	7	26	2	15.5	0.0	0.3	1.2	11.	4.0
2011	7	26	3	15.5	0.0	0.2	0.9	2011.	9.0
2011	7	26	4	15.4	0.0	0.3	0.9	11.	7.0
2011	7	26	5	15.2	0.0	0.5	1.2	13.	8.0
2011	7	26	6	15.1	0.1	0.6	1.6	13.	8.0
2011	7	26	7	15.2	-0.1	0.4	1.2	15.	13.0
2011	7	26	8	15.7	-0.1	0.0	0.9	-9900.	5.0
2011	7	26	9	15.9	-0.1	0.4	1.2	13.	5.0
2011	7	26	10	15.9	-0.1	0.3	1.2	2012.	12.0
2011	7	26	11	15.8	-0.2	1.3	3.4	1025.	10.0
2011	7	26	12	15.9	-0.2	1.2	3.7	25.	0.0
2011	7	26	13	16.5	-0.2	0.9	2.5	14.	1.0
2011	7	26	14	16.7	-0.2	1.0	2.5	25.	3.0
2011	7	26	15	16.7	-0.1	1.6	4.7	26.	7.0
2011	7	26	16	17.0	-0.2	1.5	4.0	26.	2.0
2011	7	26	17	17.3	-0.2	1.2	3.7	23.	11.0
2011	7	26	18	17.6	-0.2	0.6	1.9	22.	88.0
2011	7	26	19	17.6	-0.1	0.2	1.9	2019.	98.0
2011	7	26	20	17.6	0.1	0.3	0.9	2019.	190.0



2011	7	26	21	16.9	0.2	0.7	1.9	16.	1.0
2011	7	26	22	16.6	0.2	0.9	2.2	13.	0.0
2011	7	26	23	16.2	0.2	0.9	2.2	12.	1.0
2011	7	26	24	15.9	0.2	1.0	2.5	9.	3.0
2011	7	27	1	15.6	0.1	0.9	2.2	8.	2.0
2011	7	27	2	15.5	0.2	0.8	1.6	9.	6.0
2011	7	27	3	15.4	0.2	0.6	1.9	10.	11.0
2011	7	27	4	15.2	0.1	0.3	1.2	2010.	7.0
2011	7	27	5	15.0	0.1	0.2	0.6	2010.	11.0
2011	7	27	6	15.0	0.1	0.2	0.9	2010.	11.0
2011	7	27	7	15.4	0.0	0.3	0.9	2010.	3.0
2011	7	27	8	16.0	-0.2	0.5	1.6	9.	0.0
2011	7	27	9	16.5	-0.3	0.9	1.9	1022.	1.0
2011	7	27	10	16.9	-0.5	1.4	2.8	23.	12.0
2011	7	27	11	17.4	-0.6	2.0	3.7	25.	13.0
2011	7	27	12	18.6	-0.8	2.9	5.0	25.	7.0
2011	7	27	13	19.7	-0.7	2.5	5.6	25.	5.0
2011	7	27	14	20.6	-0.8	2.4	5.0	26.	6.0
2011	7	27	15	20.8	-0.8	4.7	7.5	26.	13.0
2011	7	27	16	21.1	-0.9	4.7	7.5	27.	9.0
2011	7	27	17	21.2	-0.7	4.8	7.8	27.	8.0
2011	7	27	18	21.2	-0.6	4.8	8.1	28.	9.0
2011	7	27	19	20.5	-0.4	4.2	7.5	28.	7.0
2011	7	27	20	20.4	-0.4	2.6	5.6	27.	8.0
2011	7	27	21	19.6	0.0	3.1	6.2	25.	23.0
2011	7	27	22	18.0	0.0	1.4	4.0	1011.	12.0
2011	7	27	23	17.6	0.0	1.6	4.0	1006.	10.0
2011	7	27	24	17.1	0.0	1.3	4.4	1005.	8.0
2011	7	28	1	16.8	0.0	0.9	1.9	7.	4.0
2011	7	28	2	16.6	0.0	0.9	2.8	1023.	5.0
2011	7	28	3	16.3	0.1	0.3	1.2	24.	7.0
2011	7	28	4	16.3	0.1	0.3	1.2	2024.	6.0
2011	7	28	5	16.1	0.1	0.7	1.9	22.	6.0
2011	7	28	6	16.1	0.0	0.8	2.5	21.	7.0
2011	7	28	7	16.2	-0.1	0.5	1.6	22.	5.0
2011	7	28	8	16.3	-0.1	1.2	3.1	24.	10.0
2011	7	28	9	16.5	-0.2	0.6	2.2	24.	5.0
2011	7	28	10	16.6	-0.3	1.6	3.4	25.	7.0
2011	7	28	11	16.8	-0.4	2.0	3.4	24.	7.0
2011	7	28	12	17.1	-0.5	2.2	3.4	25.	13.0
2011	7	28	13	17.6	-0.6	2.5	3.7	25.	11.0
2011	7	28	14	18.2	-0.8	2.6	4.4	25.	2.0
2011	7	28	15	19.2	-0.7	2.8	5.0	25.	3.0
2011	7	28	16	19.7	-0.9	3.5	6.2	26.	9.0
2011	7	28	17	19.5	-0.6	4.1	6.5	25.	6.0
2011	7	28	18	18.9	-0.2	4.5	7.8	25.	39.0
2011	7	28	19	18.4	-0.1	3.4	6.2	26.	6.0
2011	7	28	20	18.1	0.0	2.3	5.0	25.	11.0
2011	7	28	21	17.8	0.1	2.4	5.0	25.	7.0
2011	7	28	22	17.4	0.1	1.4	3.4	24.	5.0
2011	7	28	23	16.8	0.1	0.9	3.4	23.	5.0
2011	7	28	24	16.4	0.1	0.7	1.9	1020.	4.0
2011	7	29	1	16.1	0.1	0.8	2.2	1008.	8.0
2011	7	29	2	15.9	0.0	0.8	1.9	8.	5.0
2011	7	29	3	15.7	0.2	0.7	2.2	11.	6.0
2011	7	29	4	15.5	0.2	0.4	1.9	22.	7.0
2011	7	29	5	15.2	0.2	0.5	1.2	22.	7.0
2011	7	29	6	15.4	0.1	0.7	2.8	23.	2.0

2011	7	29	7	15.6	-0.1	1.0	2.5	24.	5.0
2011	7	29	8	16.1	-0.2	0.7	2.5	26.	10.0
2011	7	29	9	16.5	-0.3	0.7	1.9	23.	8.0
2011	7	29	10	16.4	-0.3	2.0	3.4	25.	15.0
2011	7	29	11	17.1	-0.4	2.2	3.4	25.	5.0
2011	7	29	12	18.1	-0.8	2.2	4.0	24.	11.0
2011	7	29	13	18.8	-0.8	3.1	5.0	25.	7.0
2011	7	29	14	19.6	-0.8	3.0	4.7	25.	5.0
2011	7	29	15	20.0	-0.9	3.6	6.5	25.	10.0
2011	7	29	16	20.2	-0.8	4.1	7.1	26.	6.0
2011	7	29	17	20.3	-0.8	4.0	7.1	26.	8.0
2011	7	29	18	20.2	-0.5	3.9	6.5	26.	7.0
2011	7	29	19	20.0	-0.4	4.0	6.8	26.	9.0
2011	7	29	20	19.8	-0.2	3.1	5.6	25.	10.0
2011	7	29	21	18.9	0.1	2.1	5.0	23.	29.0
2011	7	29	22	17.2	0.5	0.5	1.9	24.	25.0
2011	7	29	23	15.8	0.4	0.9	2.5	1007.	14.0
2011	7	29	24	15.6	0.1	0.9	1.9	6.	8.0
2011	7	30	1	15.8	0.1	0.5	1.6	7.	6.0
2011	7	30	2	16.1	0.1	1.2	2.5	8.	7.0
2011	7	30	3	16.0	0.1	0.3	1.2	2011.	8.0
2011	7	30	4	15.9	0.2	0.5	1.6	11.	9.0
2011	7	30	5	15.8	0.2	0.3	1.6	2012.	8.0
2011	7	30	6	15.6	0.1	0.4	2.2	14.	10.0
2011	7	30	7	15.8	0.0	1.1	2.5	24.	6.0
2011	7	30	8	16.0	-0.2	0.8	1.9	25.	8.0
2011	7	30	9	16.2	-0.2	1.1	2.2	24.	11.0
2011	7	30	10	16.4	-0.3	1.7	3.1	24.	21.0
2011	7	30	11	16.8	-0.5	2.0	3.7	25.	21.0
2011	7	30	12	18.0	-0.8	2.1	3.7	24.	22.0
2011	7	30	13	18.4	-0.8	2.7	4.0	25.	7.0
2011	7	30	14	19.5	-0.8	2.4	4.4	24.	7.0
2011	7	30	15	20.8	-0.7	3.0	6.2	26.	6.0
2011	7	30	16	20.9	-0.7	4.2	8.1	27.	6.0
2011	7	30	17	20.3	-0.6	5.4	9.3	28.	8.0
2011	7	30	18	20.2	-0.5	5.4	8.4	28.	5.0
2011	7	30	19	20.5	-0.3	4.6	7.8	27.	11.0
2011	7	30	20	19.8	-0.2	3.5	7.5	27.	16.0
2011	7	30	21	18.8	-0.1	1.7	4.4	1005.	32.0
2011	7	30	22	17.0	0.3	1.6	4.7	7.	28.0
2011	7	30	23	15.5	0.6	1.1	2.5	10.	20.0
2011	7	30	24	14.3	0.4	1.1	1.9	10.	19.0
2011	7	31	1	14.7	0.1	0.4	0.9	10.	21.0
2011	7	31	2	15.5	0.2	0.3	0.9	2010.	7.0
2011	7	31	3	15.6	0.1	0.3	1.6	2012.	9.0
2011	7	31	4	15.7	0.0	0.2	1.2	2013.	10.0
2011	7	31	5	15.4	0.0	0.6	1.9	9.	10.0
2011	7	31	6	15.0	0.0	1.1	2.8	3.	11.0
2011	7	31	7	15.0	-0.1	0.8	2.5	3.	4.0
2011	7	31	8	15.5	-0.2	0.6	1.9	1003.	3.0
2011	7	31	9	16.3	-0.5	0.9	3.1	1010.	2.0
2011	7	31	10	16.4	-0.8	2.6	3.7	25.	25.0
2011	7	31	11	17.1	-0.8	2.6	4.0	25.	21.0
2011	7	31	12	17.8	-0.9	2.9	4.4	25.	13.0
2011	7	31	13	19.2	-0.9	2.4	4.4	24.	10.0
2011	7	31	14	20.3	-0.8	2.6	4.4	25.	8.0
2011	7	31	15	21.7	-0.8	2.9	5.0	24.	3.0
2011	7	31	16	21.7	-0.7	3.8	6.8	26.	7.0
2011	7	31	17	21.6	-0.6	4.3	9.3	27.	5.0

2011	7	31	18	22.0	-0.6	3.2	7.1	28.	11.0
2011	7	31	19	21.8	-0.3	3.7	7.8	27.	14.0
2011	7	31	20	20.5	-0.2	2.8	6.8	28.	17.0
2011	7	31	21	19.0	0.1	1.1	3.4	1009.	32.0
2011	7	31	22	17.3	0.7	1.4	3.7	11.	26.0
2011	7	31	23	16.0	0.8	1.5	2.8	11.	24.0
2011	7	31	24	15.1	0.7	1.6	3.4	11.	16.0

MANGLER (ANT)            0        0        0        0        1        0

MANGLER (%)            0.0      0.0      0.0      0.0      0.1      0.0

PERIODE:    1/ 8 2011 - 31/ 8 2011

Par. 1: T-2m , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 2: T(10-, Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 3: FF , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 4: Gust , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 5: DD , Stasjon 1660, Sauda met , Skal.faktor: 1.000  
 Par. 6: PM10S, Stasjon 1661, Søndenaålia (saud, Skal.faktor: 1.000

				T-2mT(10-2m)	FF	Gust	DD	PM10Son	
				grader	grader	m/s	m/sdekagrad	ug/m3	
2011	8	1	1	13.9	0.5	0.9	1.9	9.	10.0
2011	8	1	2	13.5	0.3	1.0	1.9	9.	3.0
2011	8	1	3	14.2	0.0	0.4	1.2	9.	4.0
2011	8	1	4	14.8	0.1	0.5	1.2	9.	8.0
2011	8	1	5	14.9	0.0	0.5	1.2	9.	15.0
2011	8	1	6	14.9	0.0	0.3	0.9	2009.	19.0
2011	8	1	7	14.8	-0.1	0.8	1.9	8.	14.0
2011	8	1	8	14.9	-0.2	1.0	1.9	6.	29.0
2011	8	1	9	15.1	-0.2	0.6	1.6	6.	117.0
2011	8	1	10	15.6	-0.3	0.7	2.2	36.	99.0
2011	8	1	11	16.1	-0.3	1.2	3.4	24.	52.0
2011	8	1	12	16.5	-0.5	2.2	3.7	25.	25.0
2011	8	1	13	16.9	-0.6	2.1	4.4	25.	102.0
2011	8	1	14	18.0	-0.9	2.3	4.4	25.	77.0
2011	8	1	15	18.8	-0.7	2.1	3.7	24.	17.0
2011	8	1	16	19.9	-0.9	2.3	4.0	25.	6.0
2011	8	1	17	20.7	-0.7	2.2	4.0	24.	0.0
2011	8	1	18	21.7	-0.6	3.2	7.8	26.	0.0
2011	8	1	19	21.4	-0.4	3.5	7.1	26.	4.0
2011	8	1	20	20.7	-0.2	3.2	5.9	26.	9.0
2011	8	1	21	19.3	0.0	1.2	5.0	27.	25.0
2011	8	1	22	17.6	0.5	1.2	4.7	1023.	27.0
2011	8	1	23	16.3	0.8	1.0	3.4	11.	34.0
2011	8	1	24	15.1	0.7	0.7	2.2	11.	19.0
2011	8	2	1	14.2	0.6	1.1	1.9	11.	26.0
2011	8	2	2	13.5	0.4	0.9	1.9	11.	12.0
2011	8	2	3	14.1	0.2	0.9	1.9	11.	7.0
2011	8	2	4	14.7	0.1	0.4	0.9	11.	8.0
2011	8	2	5	14.8	0.1	0.3	1.6	2011.	31.0
2011	8	2	6	14.9	0.0	0.4	1.6	12.	38.0
2011	8	2	7	14.9	-0.1	0.4	1.9	14.	42.0
2011	8	2	8	14.8	-0.1	0.4	1.2	16.	51.0
2011	8	2	9	15.2	-0.2	0.4	1.6	15.	34.0

2011	8	2	10	15.3	-0.3	1.2	2.5	24.	61.0
2011	8	2	11	15.5	-0.3	1.9	3.4	25.	47.0
2011	8	2	12	16.1	-0.6	1.6	3.4	24.	33.0
2011	8	2	13	17.6	-0.9	1.4	3.7	10.	86.0
2011	8	2	14	18.9	-0.8	1.7	3.4	25.	0.0
2011	8	2	15	20.9	-0.9	1.6	3.7	25.	0.0
2011	8	2	16	21.9	-0.8	4.0	7.1	26.	1.0
2011	8	2	17	22.8	-0.7	3.8	6.8	26.	0.0
2011	8	2	18	22.6	-0.5	4.5	7.8	25.	8.0
2011	8	2	19	22.0	-0.3	3.8	6.5	25.	5.0
2011	8	2	20	20.1	-0.1	2.3	5.3	27.	20.0
2011	8	2	21	19.3	0.3	0.9	2.8	14.	50.0
2011	8	2	22	18.2	0.9	0.5	1.2	12.	31.0
2011	8	2	23	17.2	0.6	0.8	2.5	11.	14.0
2011	8	2	24	16.6	0.5	0.8	1.9	11.	13.0
2011	8	3	1	16.4	0.4	1.0	1.9	11.	21.0
2011	8	3	2	16.1	0.5	1.0	1.9	10.	12.0
2011	8	3	3	16.0	0.4	1.0	2.2	10.	12.0
2011	8	3	4	15.9	0.6	0.8	3.1	12.	10.0
2011	8	3	5	15.5	0.5	1.2	2.2	11.	14.0
2011	8	3	6	15.9	0.3	0.8	2.2	12.	9.0
2011	8	3	7	15.7	0.3	0.8	1.9	11.	12.0
2011	8	3	8	16.9	-0.2	0.7	1.9	10.	1.0
2011	8	3	9	17.8	-0.2	1.4	3.7	1006.	32.0
2011	8	3	10	17.5	-0.1	1.2	3.7	1008.	36.0
2011	8	3	11	19.1	-0.2	0.8	1.9	1029.	14.0
2011	8	3	12	19.4	-0.3	1.0	2.8	23.	31.0
2011	8	3	13	20.1	-0.3	0.9	3.1	26.	45.0
2011	8	3	14	21.0	-0.2	1.7	3.7	1009.	44.0
2011	8	3	15	21.7	-0.2	0.8	3.7	24.	73.0
2011	8	3	16	22.8	-0.4	1.3	3.1	24.	61.0
2011	8	3	17	23.2	-0.4	1.5	5.0	1024.	28.0
2011	8	3	18	23.0	-0.1	1.0	3.1	23.	32.0
2011	8	3	19	22.5	0.2	0.7	2.2	1023.	35.0
2011	8	3	20	21.3	0.2	0.6	1.9	24.	45.0
2011	8	3	21	19.8	0.5	0.9	2.2	1022.	20.0
2011	8	3	22	18.9	0.8	0.9	2.2	11.	18.0
2011	8	3	23	18.3	0.8	0.9	2.5	11.	16.0
2011	8	3	24	17.7	0.5	1.3	2.5	10.	11.0
2011	8	4	1	17.3	0.6	0.8	1.9	11.	19.0
2011	8	4	2	17.2	0.7	1.1	2.5	11.	10.0
2011	8	4	3	16.9	0.6	1.2	4.4	11.	9.0
2011	8	4	4	16.4	0.4	1.5	4.4	8.	12.0
2011	8	4	5	16.2	0.6	1.4	2.8	10.	9.0
2011	8	4	6	16.2	0.8	1.0	2.2	10.	7.0
2011	8	4	7	16.2	0.4	1.1	2.5	11.	4.0
2011	8	4	8	16.9	0.0	1.2	2.5	9.	5.0
2011	8	4	9	18.5	0.0	0.7	2.8	18.	9.0
2011	8	4	10	18.7	-0.2	0.8	3.1	24.	48.0
2011	8	4	11	20.2	-0.4	0.8	2.2	25.	41.0
2011	8	4	12	20.8	-0.4	1.0	3.4	24.	39.0
2011	8	4	13	22.1	-0.3	0.9	2.5	25.	56.0
2011	8	4	14	22.8	0.0	0.8	3.1	20.	29.0
2011	8	4	15	22.5	0.1	2.6	6.2	7.	11.0
2011	8	4	16	22.6	0.4	2.5	6.5	8.	13.0
2011	8	4	17	21.5	0.3	1.3	3.1	10.	20.0
2011	8	4	18	21.9	-0.1	1.8	3.7	8.	2.0
2011	8	4	19	22.9	0.5	2.4	6.2	6.	9.0
2011	8	4	20	21.9	0.5	2.5	5.9	8.	9.0

2011	8	4	21	18.7	1.2	2.1	4.7	11.	10.0
2011	8	4	22	18.4	1.7	2.0	6.5	9.	3.0
2011	8	4	23	18.3	1.3	1.8	4.7	10.	3.0
2011	8	4	24	18.4	0.7	1.9	9.0	9.	7.0
2011	8	5	1	16.6	0.8	1.3	3.7	13.	9.0
2011	8	5	2	14.5	0.4	0.9	3.1	14.	12.0
2011	8	5	3	14.2	0.2	1.4	2.8	11.	10.0
2011	8	5	4	14.4	0.2	1.1	2.2	11.	9.0
2011	8	5	5	14.5	0.2	1.0	2.5	10.	8.0
2011	8	5	6	14.7	0.3	1.0	2.5	10.	8.0
2011	8	5	7	15.3	0.3	0.9	1.9	11.	10.0
2011	8	5	8	16.0	0.2	0.9	2.2	1008.	10.0
2011	8	5	9	16.4	0.0	0.7	2.8	24.	56.0
2011	8	5	10	16.5	-0.1	0.6	2.5	32.	65.0
2011	8	5	11	16.8	-0.1	0.8	1.9	1003.	151.0
2011	8	5	12	16.7	-0.1	0.5	1.6	1013.	125.0
2011	8	5	13	17.1	-0.2	0.9	3.4	27.	102.0
2011	8	5	14	17.3	-0.2	1.7	3.4	1010.	146.0
2011	8	5	15	17.4	-0.1	1.2	3.4	1024.	107.0
2011	8	5	16	17.1	-0.1	0.6	2.2	24.	5.0
2011	8	5	17	17.1	-0.2	0.5	2.5	22.	1.0
2011	8	5	18	17.4	-0.2	0.4	1.2	2025.	0.0
2011	8	5	19	17.7	-0.2	1.0	2.8	1009.	0.0
2011	8	5	20	17.3	-0.1	1.1	7.1	25.	5.0
2011	8	5	21	17.3	0.1	3.2	9.0	23.	0.0
2011	8	5	22	17.1	0.2	4.0	8.7	24.	0.0
2011	8	5	23	16.8	0.3	3.2	8.1	25.	1.0
2011	8	5	24	16.5	0.2	1.9	7.1	24.	3.0
2011	8	6	1	16.2	0.2	1.0	5.0	1010.	7.0
2011	8	6	2	15.7	0.1	1.3	3.7	1009.	2.0
2011	8	6	3	15.6	0.1	1.8	6.5	1026.	3.0
2011	8	6	4	16.1	0.3	2.7	6.2	26.	6.0
2011	8	6	5	15.7	0.3	3.1	8.7	24.	7.0
2011	8	6	6	15.6	0.3	3.2	6.8	25.	3.0
2011	8	6	7	15.3	0.2	2.3	6.5	23.	3.0
2011	8	6	8	15.2	0.1	2.7	7.1	23.	4.0
2011	8	6	9	14.9	-0.1	3.4	7.8	25.	11.0
2011	8	6	10	15.5	-0.2	2.7	5.3	27.	0.0
2011	8	6	11	15.2	-0.2	3.5	7.8	25.	49.0
2011	8	6	12	15.1	-0.2	2.6	6.8	26.	66.0
2011	8	6	13	15.6	-0.5	3.2	6.5	26.	48.0
2011	8	6	14	16.1	-0.6	4.2	7.8	26.	2.0
2011	8	6	15	16.2	-0.7	4.7	7.1	27.	0.0
2011	8	6	16	16.4	-0.8	3.6	5.6	27.	2.0
2011	8	6	17	16.8	-0.5	2.9	5.0	25.	5.0
2011	8	6	18	16.8	-0.3	4.0	6.2	25.	9.0
2011	8	6	19	16.7	-0.1	3.4	5.6	25.	16.0
2011	8	6	20	16.2	0.0	2.1	5.0	26.	11.0
2011	8	6	21	15.5	0.2	2.5	5.6	25.	21.0
2011	8	6	22	13.6	0.5	1.3	2.2	9.	23.0
2011	8	6	23	12.4	0.3	0.9	1.9	10.	23.0
2011	8	6	24	11.7	0.4	1.3	2.5	9.	16.0
2011	8	7	1	11.1	0.6	1.2	2.8	9.	14.0
2011	8	7	2	10.5	0.7	1.2	2.2	9.	10.0
2011	8	7	3	9.9	0.7	1.3	3.1	7.	7.0
2011	8	7	4	9.6	0.8	1.3	2.2	9.	10.0
2011	8	7	5	9.4	0.8	1.1	2.5	9.	9.0
2011	8	7	6	9.3	0.7	0.9	2.2	8.	11.0

2011	8	7	7	10.2	0.1	1.4	3.4	9.	33.0
2011	8	7	8	11.5	0.1	0.6	2.2	14.	19.0
2011	8	7	9	12.1	0.1	0.9	2.5	1025.	0.0
2011	8	7	10	12.5	0.0	1.0	3.1	29.	8.0
2011	8	7	11	12.8	0.0	0.9	3.4	4.	17.0
2011	8	7	12	12.7	0.0	1.1	3.4	1005.	18.0
2011	8	7	13	13.0	-0.1	0.7	3.1	20.	5.0
2011	8	7	14	13.7	-0.2	0.8	2.2	25.	0.0
2011	8	7	15	14.4	-0.2	0.6	2.2	30.	25.0
2011	8	7	16	14.7	-0.1	2.3	7.8	29.	28.0
2011	8	7	17	14.8	-0.1	1.7	5.9	1014.	14.0
2011	8	7	18	16.8	-0.2	5.3	13.1	26.	0.0
2011	8	7	19	16.6	-0.1	3.8	6.8	26.	11.0
2011	8	7	20	15.3	0.3	0.9	3.4	1023.	28.0
2011	8	7	21	14.1	0.1	1.1	2.5	8.	17.0
2011	8	7	22	13.5	0.2	1.2	2.8	8.	14.0
2011	8	7	23	12.8	0.5	1.1	2.2	10.	7.0
2011	8	7	24	12.1	0.8	0.9	3.4	10.	10.0
2011	8	8	1	11.9	0.5	1.0	3.1	11.	8.0
2011	8	8	2	12.0	0.5	1.3	4.4	11.	2.0
2011	8	8	3	13.3	0.9	1.6	5.0	1010.	0.0
2011	8	8	4	13.6	0.6	1.3	7.1	1017.	11.0
2011	8	8	5	12.2	0.4	0.8	2.2	13.	11.0
2011	8	8	6	12.0	0.2	1.0	4.0	12.	5.0
2011	8	8	7	11.9	0.0	1.2	3.7	12.	9.0
2011	8	8	8	13.0	0.1	4.0	9.3	26.	0.0
2011	8	8	9	13.3	0.1	3.4	7.5	25.	1.0
2011	8	8	10	13.3	-0.1	1.5	5.9	24.	10.0
2011	8	8	11	13.7	-0.3	1.0	1.9	10.	2.0
2011	8	8	12	14.8	-0.6	1.1	2.5	7.	0.0
2011	8	8	13	15.8	-0.4	1.5	3.1	24.	0.0
2011	8	8	14	16.3	-0.5	1.5	3.1	23.	8.0
2011	8	8	15	16.6	-0.4	1.5	3.4	25.	13.0
2011	8	8	16	15.5	-0.2	1.7	4.7	26.	18.0
2011	8	8	17	16.0	-0.3	1.0	4.0	1012.	1.0
2011	8	8	18	16.9	-0.5	0.8	2.5	7.	4.0
2011	8	8	19	16.4	-0.2	1.3	3.7	6.	14.0
2011	8	8	20	14.3	-0.1	1.6	5.3	1016.	18.0
2011	8	8	21	13.0	0.1	1.5	3.1	10.	10.0
2011	8	8	22	12.7	0.1	1.5	2.5	10.	9.0
2011	8	8	23	12.6	0.1	0.9	2.5	7.	6.0
2011	8	8	24	12.3	0.1	0.9	1.9	9.	4.0
2011	8	9	1	12.0	0.0	0.8	1.9	8.	13.0
2011	8	9	2	12.0	0.0	1.3	2.5	8.	4.0
2011	8	9	3	12.2	0.1	0.6	1.2	7.	1.0
2011	8	9	4	12.2	0.0	1.1	2.2	7.	4.0
2011	8	9	5	12.1	0.2	1.3	2.5	7.	3.0
2011	8	9	6	11.9	0.2	1.4	3.1	8.	4.0
2011	8	9	7	12.0	0.1	1.2	2.5	5.	5.0
2011	8	9	8	13.2	-0.4	0.9	1.9	6.	69.0
2011	8	9	9	13.8	-0.5	0.9	2.5	21.	64.0
2011	8	9	10	13.9	-0.5	2.0	3.7	26.	141.0
2011	8	9	11	15.8	-0.5	1.1	3.7	26.	0.0
2011	8	9	12	16.5	-0.2	2.4	7.5	26.	0.0
2011	8	9	13	16.7	-0.3	1.9	5.9	27.	0.0
2011	8	9	14	16.3	-0.2	3.8	11.8	25.	0.0
2011	8	9	15	15.9	-0.2	5.1	10.9	25.	0.0
2011	8	9	16	15.9	-0.3	5.6	10.6	26.	0.0
2011	8	9	17	15.7	-0.2	5.8	10.9	26.	5.0

2011	8	9	18	15.4	-0.1	6.0	10.9	26.	6.0
2011	8	9	19	14.9	0.1	5.2	9.9	26.	11.0
2011	8	9	20	14.3	0.2	4.5	9.9	26.	9.0
2011	8	9	21	13.7	0.5	1.7	5.9	26.	6.0
2011	8	9	22	13.5	0.3	3.1	9.0	26.	10.0
2011	8	9	23	12.3	0.3	4.0	7.8	25.	15.0
2011	8	9	24	11.1	0.6	1.8	5.6	25.	12.0
2011	8	10	1	11.3	0.5	2.1	6.5	1024.	5.0
2011	8	10	2	11.3	0.3	1.9	8.7	19.	3.0
2011	8	10	3	10.4	0.4	1.4	5.6	1024.	7.0
2011	8	10	4	9.9	0.3	1.3	4.7	1001.	1.0
2011	8	10	5	9.3	0.2	1.1	3.7	1011.	6.0
2011	8	10	6	9.1	0.1	0.8	2.8	6.	1.0
2011	8	10	7	9.2	0.0	1.1	3.4	5.	1.0
2011	8	10	8	9.9	-0.1	1.1	2.5	10.	0.0
2011	8	10	9	10.9	-0.1	1.4	5.3	1005.	0.0
2011	8	10	10	11.4	-0.2	1.7	5.3	24.	1.0
2011	8	10	11	12.2	-0.3	2.0	5.3	24.	0.0
2011	8	10	12	13.1	-0.4	2.5	5.3	24.	1.0
2011	8	10	13	13.7	-0.5	2.6	6.2	23.	4.0
2011	8	10	14	14.7	-0.7	3.1	7.1	24.	6.0
2011	8	10	15	14.7	-0.4	3.1	5.6	24.	9.0
2011	8	10	16	15.1	-0.3	2.5	5.9	24.	9.0
2011	8	10	17	15.3	-0.3	2.1	5.6	24.	6.0
2011	8	10	18	15.4	-0.1	2.0	4.7	25.	7.0
2011	8	10	19	15.7	-0.3	2.3	5.6	24.	1.0
2011	8	10	20	15.5	-0.3	2.7	6.8	26.	7.0
2011	8	10	21	13.0	0.4	0.9	3.7	32.	27.0
2011	8	10	22	10.3	0.8	0.7	1.9	1010.	17.0
2011	8	10	23	9.0	1.0	1.0	1.9	9.	11.0
2011	8	10	24	8.3	0.8	1.2	2.2	10.	7.0
2011	8	11	1	7.9	1.2	1.1	1.9	10.	8.0
2011	8	11	2	7.2	0.9	1.2	2.2	10.	2.0
2011	8	11	3	6.5	0.7	1.0	2.2	10.	1.0
2011	8	11	4	6.5	0.9	1.1	2.2	10.	1.0
2011	8	11	5	6.4	0.9	1.1	2.2	10.	2.0
2011	8	11	6	6.5	0.9	0.8	1.9	9.	3.0
2011	8	11	7	7.0	0.5	1.3	2.2	10.	37.0
2011	8	11	8	9.6	-0.5	0.7	1.6	9.	20.0
2011	8	11	9	11.8	-0.1	0.6	1.6	11.	0.0
2011	8	11	10	12.4	-0.6	1.1	2.2	20.	33.0
2011	8	11	11	13.6	-0.7	1.5	2.5	24.	49.0
2011	8	11	12	14.7	-0.5	1.2	2.8	25.	27.0
2011	8	11	13	16.7	-0.5	0.7	2.2	26.	29.0
2011	8	11	14	18.0	-0.4	1.4	4.7	23.	17.0
2011	8	11	15	19.6	-0.5	2.5	5.9	25.	3.0
2011	8	11	16	19.1	-0.6	2.9	4.7	24.	5.0
2011	8	11	17	19.4	-0.2	2.0	5.6	27.	5.0
2011	8	11	18	19.4	0.0	2.9	6.5	27.	4.0
2011	8	11	19	19.1	0.2	1.0	4.0	29.	3.0
2011	8	11	20	19.5	-0.5	1.0	4.7	28.	8.0
2011	8	11	21	16.0	0.4	0.8	2.2	1033.	24.0
2011	8	11	22	13.1	1.1	1.6	2.8	9.	14.0
2011	8	11	23	11.7	1.3	1.4	2.5	10.	8.0
2011	8	11	24	11.2	1.0	1.7	2.8	10.	3.0
2011	8	12	1	10.8	1.0	1.0	1.9	11.	0.0
2011	8	12	2	10.5	0.9	1.0	1.9	11.	0.0
2011	8	12	3	10.0	1.1	0.8	2.2	11.	4.0

2011	8	12	4	8.9	1.0	1.1	1.9	9.	1.0
2011	8	12	5	8.4	1.1	1.2	2.5	9.	5.0
2011	8	12	6	8.2	1.1	1.1	1.9	10.	4.0
2011	8	12	7	8.2	0.5	1.1	1.9	10.	0.0
2011	8	12	8	10.8	-0.2	0.7	1.9	10.	0.0
2011	8	12	9	13.3	-0.2	0.6	1.2	10.	0.0
2011	8	12	10	13.7	-0.5	1.0	1.9	21.	15.0
2011	8	12	11	14.3	-0.6	1.6	2.8	24.	34.0
2011	8	12	12	16.2	-0.6	1.3	2.8	24.	27.0
2011	8	12	13	17.2	-0.4	0.8	2.8	23.	20.0
2011	8	12	14	18.7	-0.6	0.9	3.7	23.	18.0
2011	8	12	15	20.4	-0.9	2.6	5.3	24.	7.0
2011	8	12	16	20.2	-0.6	2.8	5.3	25.	3.0
2011	8	12	17	20.6	-0.7	2.7	5.6	25.	4.0
2011	8	12	18	20.9	-0.4	2.9	5.3	26.	1.0
2011	8	12	19	20.4	-0.2	3.1	5.6	26.	11.0
2011	8	12	20	19.4	0.0	2.8	5.6	27.	16.0
2011	8	12	21	17.6	0.5	2.4	5.6	1027.	17.0
2011	8	12	22	14.8	0.8	2.2	4.0	12.	12.0
2011	8	12	23	12.8	0.9	1.5	3.1	11.	15.0
2011	8	12	24	11.5	0.8	1.4	2.2	10.	8.0
2011	8	13	1	11.0	1.0	1.4	2.2	11.	5.0
2011	8	13	2	10.0	0.8	1.2	2.2	11.	2.0
2011	8	13	3	9.6	0.9	1.2	1.9	12.	1.0
2011	8	13	4	9.2	1.0	1.1	2.2	12.	4.0
2011	8	13	5	8.7	1.0	1.1	1.9	12.	5.0
2011	8	13	6	8.5	1.1	1.0	2.5	11.	3.0
2011	8	13	7	8.5	0.4	1.2	2.8	11.	31.0
2011	8	13	8	11.1	-0.5	0.8	2.2	10.	10.0
2011	8	13	9	13.6	-0.6	0.9	2.5	11.	0.0
2011	8	13	10	14.3	-0.5	1.0	3.1	24.	9.0
2011	8	13	11	16.8	-0.5	1.1	2.8	24.	12.0
2011	8	13	12	19.0	-0.6	1.7	5.3	1024.	13.0
2011	8	13	13	20.4	-0.8	2.5	9.3	1007.	10.0
2011	8	13	14	21.2	-0.6	2.9	10.3	27.	4.0
2011	8	13	15	21.4	-0.4	2.3	8.1	1027.	4.0
2011	8	13	16	21.6	-0.4	1.8	5.9	1006.	7.0
2011	8	13	17	21.4	-0.1	2.3	8.4	1008.	11.0
2011	8	13	18	20.3	0.1	2.2	9.6	6.	10.0
2011	8	13	19	20.3	-0.1	4.2	15.2	6.	4.0
2011	8	13	20	19.9	0.0	6.4	14.0	8.	12.0
2011	8	13	21	19.2	0.2	8.5	18.0	6.	9.0
2011	8	13	22	18.8	0.2	7.7	17.4	7.	5.0
2011	8	13	23	18.2	0.5	2.2	9.3	4.	5.0
2011	8	13	24	17.5	1.2	1.5	5.6	1013.	3.0
2011	8	14	1	17.0	1.4	1.7	4.4	1010.	3.0
2011	8	14	2	16.3	1.5	1.7	5.0	10.	3.0
2011	8	14	3	17.5	1.0	2.7	9.0	9.	0.0
2011	8	14	4	17.8	0.9	1.4	7.1	1034.	6.0
2011	8	14	5	16.4	1.9	1.2	3.1	12.	9.0
2011	8	14	6	15.9	1.9	0.9	2.5	12.	6.0
2011	8	14	7	15.1	0.9	1.3	2.8	10.	2.0
2011	8	14	8	16.2	0.5	1.0	3.1	14.	0.0
2011	8	14	9	17.5	0.2	1.1	3.4	1013.	0.0
2011	8	14	10	18.7	0.1	1.6	4.0	7.	0.0
2011	8	14	11	20.3	-0.2	2.6	13.4	6.	2.0
2011	8	14	12	20.5	-0.2	4.8	13.7	7.	5.0
2011	8	14	13	19.9	-0.2	5.7	13.1	6.	9.0
2011	8	14	14	19.8	-0.2	5.3	11.5	6.	9.0



2011	8	14	15	19.8	-0.2	4.0	7.1	5.	7.0
2011	8	14	16	20.0	-0.1	3.0	6.5	6.	5.0
2011	8	14	17	19.8	0.0	3.0	6.5	7.	6.0
2011	8	14	18	19.4	0.1	1.6	5.0	7.	5.0
2011	8	14	19	17.4	0.6	0.7	2.8	13.	11.0
2011	8	14	20	16.7	0.5	1.0	3.4	1014.	9.0
2011	8	14	21	16.4	0.8	0.5	2.2	22.	11.0
2011	8	14	22	15.0	0.3	1.2	3.1	12.	12.0
2011	8	14	23	14.4	0.1	1.0	3.1	10.	9.0
2011	8	14	24	14.0	0.1	0.9	1.9	11.	7.0
2011	8	15	1	13.8	0.1	0.8	1.9	11.	5.0
2011	8	15	2	13.9	0.1	0.5	1.6	10.	3.0
2011	8	15	3	13.7	0.1	1.0	2.5	11.	6.0
2011	8	15	4	13.7	0.1	0.8	1.9	10.	6.0
2011	8	15	5	13.8	0.1	0.4	2.2	2018.	8.0
2011	8	15	6	13.7	0.0	0.8	1.9	14.	12.0
2011	8	15	7	13.8	-0.1	0.7	1.6	9.	8.0
2011	8	15	8	13.9	-0.1	0.3	1.2	9.	11.0
2011	8	15	9	14.0	-0.1	1.3	2.8	25.	58.0
2011	8	15	10	14.3	-0.2	1.5	4.0	26.	4.0
2011	8	15	11	14.5	-0.2	1.1	3.4	1007.	33.0
2011	8	15	12	14.8	-0.2	0.7	1.9	36.	111.0
2011	8	15	13	15.0	-0.3	0.8	2.8	30.	0.0
2011	8	15	14	15.4	-0.6	1.3	2.5	26.	0.0
2011	8	15	15	15.0	-0.1	2.0	5.0	26.	9.0
2011	8	15	16	14.4	-0.2	1.2	3.4	1011.	5.0
2011	8	15	17	14.8	-0.1	0.8	1.6	9.	8.0
2011	8	15	18	14.7	-0.2	0.6	2.2	23.	9.0
2011	8	15	19	15.2	-0.3	0.8	2.8	25.	10.0
2011	8	15	20	14.9	-0.1	1.3	5.0	24.	0.0
2011	8	15	21	14.8	0.5	1.1	4.4	22.	21.0
2011	8	15	22	13.9	0.3	0.6	1.9	1016.	20.0
2011	8	15	23	13.6	0.5	0.7	1.9	1003.	11.0
2011	8	15	24	12.9	0.4	1.0	3.4	1005.	9.0
2011	8	16	1	12.4	0.4	1.2	3.4	11.	8.0
2011	8	16	2	11.5	0.5	1.0	1.9	11.	5.0
2011	8	16	3	10.7	0.4	1.2	1.9	10.	8.0
2011	8	16	4	10.0	0.4	1.3	2.5	10.	9.0
2011	8	16	5	9.7	0.5	1.3	2.5	10.	7.0
2011	8	16	6	9.5	0.6	1.3	2.5	13.	7.0
2011	8	16	7	9.3	0.4	1.1	1.9	16.	12.0
2011	8	16	8	10.3	0.1	0.8	1.9	18.	89.0
2011	8	16	9	12.6	-0.1	0.7	1.6	22.	0.0
2011	8	16	10	13.4	-0.4	1.0	2.2	25.	6.0
2011	8	16	11	14.0	-0.6	1.6	2.8	28.	22.0
2011	8	16	12	15.2	-0.5	0.9	2.2	28.	14.0
2011	8	16	13	16.8	-0.6	1.5	3.4	30.	5.0
2011	8	16	14	17.0	-0.4	3.0	6.5	29.	34.0
2011	8	16	15	17.6	-0.6	3.6	6.2	28.	26.0
2011	8	16	16	16.6	-0.1	3.8	9.3	28.	7.0
2011	8	16	17	16.8	-0.2	3.2	5.9	28.	51.0
2011	8	16	18	16.6	-0.1	2.2	6.5	27.	22.0
2011	8	16	19	16.2	0.0	2.8	5.9	29.	7.0
2011	8	16	20	15.3	0.3	1.6	5.3	26.	13.0
2011	8	16	21	14.1	0.5	1.6	2.8	11.	15.0
2011	8	16	22	12.7	0.4	1.3	2.8	12.	18.0
2011	8	16	23	12.2	0.5	1.1	1.9	12.	10.0
2011	8	16	24	11.5	0.7	1.2	1.9	12.	14.0

2011	8	17	1	11.0	0.5	1.1	2.2	10.	8.0
2011	8	17	2	10.5	0.6	0.9	1.9	12.	2.0
2011	8	17	3	9.8	0.8	1.0	1.9	11.	7.0
2011	8	17	4	9.2	0.7	1.2	2.5	12.	8.0
2011	8	17	5	9.3	0.3	1.1	2.2	11.	5.0
2011	8	17	6	9.6	0.6	0.8	1.9	10.	3.0
2011	8	17	7	9.2	0.5	1.2	2.2	11.	31.0
2011	8	17	8	11.1	-0.3	0.6	1.9	10.	19.0
2011	8	17	9	13.0	-0.3	0.8	1.9	12.	0.0
2011	8	17	10	13.0	-0.3	0.9	1.9	24.	36.0
2011	8	17	11	13.6	-0.2	0.9	1.9	26.	42.0
2011	8	17	12	13.9	-0.3	1.3	2.5	25.	29.0
2011	8	17	13	14.1	-0.1	0.8	1.9	24.	28.0
2011	8	17	14	14.8	-0.2	0.4	1.6	2026.	24.0
2011	8	17	15	16.3	-0.3	0.7	1.9	26.	28.0
2011	8	17	16	16.7	-0.3	1.3	2.5	25.	33.0
2011	8	17	17	17.0	-0.2	0.9	2.5	24.	40.0
2011	8	17	18	18.2	-0.1	0.8	3.4	26.	5.0
2011	8	17	19	17.9	-0.3	1.0	2.5	25.	18.0
2011	8	17	20	16.3	0.2	0.8	2.8	33.	27.0
2011	8	17	21	15.8	0.6	0.8	2.2	1032.	23.0
2011	8	17	22	14.2	0.9	0.9	1.9	1012.	22.0
2011	8	17	23	13.4	0.4	1.3	2.5	9.	12.0
2011	8	17	24	12.8	0.8	0.9	1.9	10.	9.0
2011	8	18	1	12.9	0.7	0.7	1.6	9.	6.0
2011	8	18	2	12.5	0.3	0.8	2.2	10.	2.0
2011	8	18	3	12.4	0.2	0.7	2.5	11.	4.0
2011	8	18	4	12.1	0.4	0.8	1.9	8.	6.0
2011	8	18	5	11.1	0.8	1.1	1.9	11.	10.0
2011	8	18	6	10.1	0.8	1.2	2.2	9.	14.0
2011	8	18	7	9.9	0.5	1.4	2.8	10.	11.0
2011	8	18	8	11.3	-0.1	0.9	2.2	12.	2.0
2011	8	18	9	13.1	-0.4	0.7	1.6	19.	12.0
2011	8	18	10	14.2	-0.6	1.0	2.5	1021.	15.0
2011	8	18	11	14.8	-0.6	1.4	4.4	24.	24.0
2011	8	18	12	16.8	-0.7	2.4	6.2	22.	18.0
2011	8	18	13	18.4	-0.7	2.6	6.8	23.	11.0
2011	8	18	14	18.4	-0.6	4.3	7.5	26.	8.0
2011	8	18	15	19.1	-0.6	4.2	8.7	27.	3.0
2011	8	18	16	19.0	-0.3	3.7	8.1	27.	10.0
2011	8	18	17	19.4	-0.6	3.6	8.1	28.	5.0
2011	8	18	18	19.3	-0.5	3.2	7.5	29.	7.0
2011	8	18	19	18.1	-0.1	2.0	5.9	29.	13.0
2011	8	18	20	17.1	0.2	1.2	3.7	1031.	17.0
2011	8	18	21	14.9	0.9	1.0	3.1	19.	20.0
2011	8	18	22	12.5	0.8	1.4	2.5	10.	17.0
2011	8	18	23	11.2	0.7	1.2	1.9	11.	11.0
2011	8	18	24	11.0	0.8	1.3	2.2	12.	15.0
2011	8	19	1	10.9	0.8	1.0	2.2	12.	5.0
2011	8	19	2	10.5	0.4	1.2	1.9	12.	2.0
2011	8	19	3	10.5	0.4	0.8	1.9	12.	3.0
2011	8	19	4	10.4	0.4	0.8	1.6	11.	5.0
2011	8	19	5	10.5	0.3	0.9	1.6	13.	4.0
2011	8	19	6	10.4	0.4	0.8	1.9	13.	8.0
2011	8	19	7	10.4	0.3	0.7	1.9	13.	9.0
2011	8	19	8	11.1	0.1	0.9	1.9	12.	4.0
2011	8	19	9	12.1	-0.2	0.7	1.9	11.	11.0
2011	8	19	10	12.7	-0.2	0.8	1.9	23.	18.0
2011	8	19	11	13.1	-0.3	1.5	2.5	26.	17.0

2011	8	19	12	14.0	-0.4	1.1	2.8	25.	11.0
2011	8	19	13	15.4	-0.5	1.0	3.1	28.	8.0
2011	8	19	14	15.5	-0.5	2.1	4.4	25.	8.0
2011	8	19	15	16.0	-0.3	3.2	6.5	28.	16.0
2011	8	19	16	14.4	-0.2	1.2	4.7	1010.	22.0
2011	8	19	17	14.2	-0.1	1.3	4.4	1023.	6.0
2011	8	19	18	15.1	-0.1	2.1	3.7	9.	4.0
2011	8	19	19	14.8	0.0	0.6	2.5	5.	20.0
2011	8	19	20	14.4	0.1	1.0	3.1	1020.	9.0
2011	8	19	21	14.0	0.2	1.0	2.8	1006.	13.0
2011	8	19	22	13.1	0.3	1.1	3.1	9.	11.0
2011	8	19	23	12.7	0.1	1.2	2.5	7.	13.0
2011	8	19	24	12.5	0.2	0.7	1.9	6.	13.0
2011	8	20	1	12.5	0.2	1.2	2.5	10.	2.0
2011	8	20	2	12.0	0.4	1.6	2.8	11.	5.0
2011	8	20	3	11.1	0.4	1.4	2.8	10.	14.0
2011	8	20	4	10.9	0.2	1.1	2.5	10.	12.0
2011	8	20	5	10.6	0.3	1.1	2.2	11.	10.0
2011	8	20	6	10.6	0.1	1.6	3.7	10.	9.0
2011	8	20	7	11.0	0.2	0.8	1.9	11.	11.0
2011	8	20	8	11.7	-0.1	0.9	2.5	10.	2.0
2011	8	20	9	12.5	-0.1	0.3	1.2	2013.	1.0
2011	8	20	10	13.2	-0.2	0.5	1.6	14.	6.0
2011	8	20	11	13.7	-0.2	0.8	1.9	8.	6.0
2011	8	20	12	13.2	-0.1	0.9	3.4	1024.	25.0
2011	8	20	13	12.2	-0.1	0.6	2.5	22.	23.0
2011	8	20	14	11.7	-0.2	0.8	2.5	22.	16.0
2011	8	20	15	12.0	-0.2	0.4	1.9	34.	2.0
2011	8	20	16	12.9	-0.4	1.0	2.5	1025.	2.0
2011	8	20	17	13.5	-0.4	0.8	2.5	24.	8.0
2011	8	20	18	13.2	-0.2	1.3	3.4	25.	23.0
2011	8	20	19	12.9	-0.2	0.5	1.6	30.	24.0
2011	8	20	20	13.3	0.0	0.6	1.6	6.	19.0
2011	8	20	21	13.0	0.2	0.5	1.6	8.	12.0
2011	8	20	22	12.5	0.2	0.8	1.9	9.	9.0
2011	8	20	23	11.8	0.3	1.0	2.2	9.	9.0
2011	8	20	24	11.8	0.0	0.9	1.9	9.	12.0
2011	8	21	1	11.9	0.2	0.6	1.9	10.	8.0
2011	8	21	2	11.4	0.4	0.9	2.2	12.	8.0
2011	8	21	3	11.2	0.2	1.0	2.2	10.	8.0
2011	8	21	4	11.4	0.2	0.5	1.6	8.	10.0
2011	8	21	5	11.1	0.2	1.3	3.1	11.	8.0
2011	8	21	6	10.9	0.4	0.9	2.5	12.	9.0
2011	8	21	7	10.8	0.1	1.1	3.1	11.	9.0
2011	8	21	8	11.1	0.1	0.8	2.5	7.	12.0
2011	8	21	9	11.8	0.0	0.8	2.2	1017.	7.0
2011	8	21	10	12.2	-0.1	1.1	3.7	8.	7.0
2011	8	21	11	12.7	0.0	1.9	5.0	1026.	18.0
2011	8	21	12	12.6	-0.1	0.9	1.9	23.	21.0
2011	8	21	13	11.9	-0.1	0.9	2.5	1009.	23.0
2011	8	21	14	11.6	-0.1	0.8	2.2	1010.	12.0
2011	8	21	15	11.8	-0.1	0.8	2.5	7.	10.0
2011	8	21	16	11.8	-0.1	0.8	2.5	1025.	10.0
2011	8	21	17	12.2	-0.1	0.5	1.9	10.	14.0
2011	8	21	18	12.3	-0.1	0.7	3.1	22.	17.0
2011	8	21	19	12.8	-0.1	0.6	1.9	1010.	11.0
2011	8	21	20	13.2	0.0	0.6	1.9	12.	16.0
2011	8	21	21	13.1	0.1	0.5	1.9	10.	13.0
2011	8	21	22	12.9	0.1	0.6	1.9	13.	17.0

2011	8	21	23	12.9	0.2	0.7	1.2	13.	10.0
2011	8	21	24	12.6	0.2	0.8	1.9	13.	27.0
2011	8	22	1	12.5	0.1	1.0	2.8	11.	26.0
2011	8	22	2	12.2	0.2	0.5	1.9	8.	12.0
2011	8	22	3	11.6	0.3	0.7	1.6	9.	13.0
2011	8	22	4	11.5	0.1	0.5	1.6	12.	13.0
2011	8	22	5	11.1	0.2	0.7	1.9	7.	8.0
2011	8	22	6	11.0	0.2	1.2	3.1	9.	16.0
2011	8	22	7	11.2	0.0	1.0	2.8	8.	25.0
2011	8	22	8	11.9	0.0	0.9	2.5	7.	29.0
2011	8	22	9	12.4	-0.1	0.8	1.9	1022.	0.0
2011	8	22	10	13.1	-0.2	0.8	2.2	24.	21.0
2011	8	22	11	13.3	-0.2	0.9	2.8	25.	20.0
2011	8	22	12	14.0	-0.2	1.0	2.8	23.	17.0
2011	8	22	13	13.4	-0.1	0.9	2.8	1022.	39.0
2011	8	22	14	13.8	-0.2	1.0	2.8	1008.	6.0
2011	8	22	15	13.9	-0.2	0.7	2.5	1007.	14.0
2011	8	22	16	14.1	-0.1	1.1	3.7	1024.	10.0
2011	8	22	17	14.3	-0.1	0.5	1.6	18.	5.0
2011	8	22	18	14.1	0.1	0.8	2.8	1015.	2.0
2011	8	22	19	13.7	0.2	1.1	3.7	1022.	22.0
2011	8	22	20	13.2	0.1	1.1	2.8	12.	24.0
2011	8	22	21	12.9	0.1	0.9	2.2	11.	7.0
2011	8	22	22	12.3	0.0	1.1	1.9	11.	14.0
2011	8	22	23	12.1	0.0	1.0	2.2	10.	16.0
2011	8	22	24	12.0	0.0	0.7	1.9	10.	11.0
2011	8	23	1	11.8	0.1	0.7	1.6	11.	4.0
2011	8	23	2	11.7	0.1	0.8	1.9	12.	2.0
2011	8	23	3	11.6	0.1	0.6	1.9	12.	8.0
2011	8	23	4	11.3	0.2	0.6	1.6	11.	8.0
2011	8	23	5	10.6	0.5	0.9	2.2	11.	9.0
2011	8	23	6	10.4	0.1	0.9	2.5	9.	7.0
2011	8	23	7	10.3	-0.1	1.4	3.4	8.	11.0
2011	8	23	8	10.9	0.0	0.7	1.6	9.	14.0
2011	8	23	9	12.1	0.0	0.5	1.2	8.	0.0
2011	8	23	10	12.7	-0.1	0.8	2.8	1010.	1.0
2011	8	23	11	14.0	-0.5	1.2	2.8	24.	3.0
2011	8	23	12	14.2	-0.6	1.8	3.1	25.	32.0
2011	8	23	13	15.3	-0.6	1.9	4.0	26.	30.0
2011	8	23	14	17.3	-0.4	1.4	3.1	25.	36.0
2011	8	23	15	17.6	-0.6	2.2	3.7	25.	28.0
2011	8	23	16	19.4	-0.5	1.4	2.5	25.	14.0
2011	8	23	17	19.1	-0.4	2.1	3.4	25.	28.0
2011	8	23	18	18.8	-0.4	2.2	3.4	25.	43.0
2011	8	23	19	19.4	-0.3	0.6	1.9	25.	23.0
2011	8	23	20	17.5	0.4	0.5	1.6	29.	24.0
2011	8	23	21	15.4	0.7	1.2	2.5	10.	19.0
2011	8	23	22	14.2	0.7	1.3	2.5	10.	14.0
2011	8	23	23	13.3	0.7	1.1	2.5	12.	14.0
2011	8	23	24	12.5	0.8	1.1	2.5	11.	13.0
2011	8	24	1	12.2	0.4	1.0	2.5	9.	10.0
2011	8	24	2	12.3	0.5	1.2	3.4	10.	5.0
2011	8	24	3	12.1	0.5	0.8	2.5	1012.	4.0
2011	8	24	4	12.0	0.4	1.1	4.7	12.	6.0
2011	8	24	5	11.9	0.7	0.9	2.8	1022.	9.0
2011	8	24	6	12.3	0.5	1.1	3.1	1021.	10.0
2011	8	24	7	13.4	0.4	1.9	5.0	1012.	0.0
2011	8	24	8	14.8	0.9	1.2	3.4	14.	1.0

2011	8	24	9	16.0	1.0	1.2	4.7	12.	7.0
2011	8	24	10	16.4	0.9	0.8	3.7	1022.	10.0
2011	8	24	11	16.6	0.6	1.3	3.4	25.	18.0
2011	8	24	12	14.5	0.2	1.2	4.4	1021.	22.0
2011	8	24	13	14.1	0.0	1.1	3.4	1023.	10.0
2011	8	24	14	14.0	-0.1	1.2	3.7	13.	10.0
2011	8	24	15	13.9	-0.1	0.9	2.8	1014.	8.0
2011	8	24	16	13.8	-0.1	0.7	2.2	1013.	5.0
2011	8	24	17	13.8	-0.1	0.9	3.4	1019.	7.0
2011	8	24	18	13.3	-0.1	0.8	2.5	24.	5.0
2011	8	24	19	13.1	-0.1	0.6	1.9	21.	7.0
2011	8	24	20	13.0	0.0	0.6	2.2	10.	8.0
2011	8	24	21	12.9	0.0	0.6	2.2	11.	5.0
2011	8	24	22	12.9	0.0	1.0	2.8	12.	8.0
2011	8	24	23	12.9	0.0	1.0	2.5	12.	7.0
2011	8	24	24	12.9	0.1	0.4	1.6	10.	5.0
2011	8	25	1	12.9	0.0	1.1	2.8	11.	2.0
2011	8	25	2	13.0	0.0	1.2	2.8	1010.	9.0
2011	8	25	3	13.0	0.0	1.2	2.5	11.	16.0
2011	8	25	4	13.0	0.0	0.6	1.6	14.	12.0
2011	8	25	5	13.0	0.0	0.5	1.2	13.	11.0
2011	8	25	6	12.9	0.0	0.3	1.2	14.	9.0
2011	8	25	7	13.0	-0.1	0.4	0.9	14.	13.0
2011	8	25	8	13.1	-0.1	0.5	1.9	13.	23.0
2011	8	25	9	13.5	-0.1	0.7	1.9	1020.	11.0
2011	8	25	10	14.8	-0.2	0.5	1.9	10.	0.0
2011	8	25	11	15.8	-0.2	0.9	2.2	11.	0.0
2011	8	25	12	16.5	-0.2	1.5	3.4	24.	7.0
2011	8	25	13	16.4	-0.6	2.2	3.7	25.	21.0
2011	8	25	14	17.9	-0.6	2.1	3.4	25.	18.0
2011	8	25	15	18.7	-0.5	1.9	3.1	25.	19.0
2011	8	25	16	18.7	-0.3	1.8	4.4	25.	38.0
2011	8	25	17	19.0	-0.3	1.4	3.1	26.	12.0
2011	8	25	18	18.8	-0.3	2.3	3.7	26.	20.0
2011	8	25	19	18.4	-0.1	1.5	5.0	26.	15.0
2011	8	25	20	17.3	0.0	1.4	2.8	8.	21.0
2011	8	25	21	16.0	0.3	1.9	3.1	11.	26.0
2011	8	25	22	15.0	0.4	1.4	2.8	10.	21.0
2011	8	25	23	14.3	0.6	1.1	2.8	12.	13.0
2011	8	25	24	13.4	0.5	1.0	1.9	11.	16.0
2011	8	26	1	13.4	0.2	1.2	3.1	10.	16.0
2011	8	26	2	13.7	0.3	0.9	2.8	11.	10.0
2011	8	26	3	14.0	0.1	1.5	3.4	10.	12.0
2011	8	26	4	13.6	0.2	0.8	1.9	9.	16.0
2011	8	26	5	13.3	0.3	0.6	1.9	13.	12.0
2011	8	26	6	13.3	0.2	1.0	2.5	10.	12.0
2011	8	26	7	13.3	0.2	1.1	2.5	10.	8.0
2011	8	26	8	13.3	0.3	0.7	2.5	10.	6.0
2011	8	26	9	15.9	-0.2	0.5	2.2	14.	2.0
2011	8	26	10	15.2	-0.2	0.8	2.8	24.	35.0
2011	8	26	11	15.7	-0.2	0.8	2.2	23.	31.0
2011	8	26	12	15.7	-0.2	0.8	2.5	1025.	37.0
2011	8	26	13	16.8	-0.1	0.6	2.5	13.	145.0
2011	8	26	14	16.6	0.0	0.8	2.5	23.	75.0
2011	8	26	15	16.5	0.0	1.0	2.8	1025.	64.0
2011	8	26	16	17.1	0.1	0.9	6.5	1027.	0.0
2011	8	26	17	16.7	0.1	1.3	4.7	1017.	11.0
2011	8	26	18	16.6	0.5	1.3	3.7	1014.	1.0
2011	8	26	19	17.4	0.7	3.7	12.1	8.	2.0

2011	8	26	20	15.6	0.4	1.3	3.7	1012.	11.0
2011	8	26	21	15.4	0.3	1.0	2.5	14.	11.0
2011	8	26	22	16.2	0.5	2.4	7.1	12.	5.0
2011	8	26	23	16.9	0.7	1.4	3.7	14.	3.0
2011	8	26	24	16.8	0.6	1.6	4.4	12.	11.0
2011	8	27	1	18.1	1.0	1.7	5.0	1014.	10.0
2011	8	27	2	18.2	0.9	1.2	3.7	1013.	7.0
2011	8	27	3	20.1	1.3	1.6	5.6	1014.	1.0
2011	8	27	4	22.1	0.7	2.0	7.8	1026.	7.0
2011	8	27	5	20.7	0.7	1.7	4.4	1012.	19.0
2011	8	27	6	19.2	1.0	1.7	3.7	11.	19.0
2011	8	27	7	18.5	0.7	1.1	3.4	1009.	16.0
2011	8	27	8	18.5	0.7	1.3	3.7	12.	14.0
2011	8	27	9	18.0	0.3	0.8	4.4	27.	19.0
2011	8	27	10	18.0	0.3	1.0	3.4	1011.	19.0
2011	8	27	11	18.0	0.2	1.5	5.3	1012.	19.0
2011	8	27	12	17.6	0.0	1.2	3.1	26.	13.0
2011	8	27	13	17.8	0.1	1.2	2.8	13.	19.0
2011	8	27	14	17.8	0.0	0.9	3.1	24.	10.0
2011	8	27	15	17.3	0.0	1.5	3.1	11.	15.0
2011	8	27	16	17.6	-0.1	0.9	2.5	9.	6.0
2011	8	27	17	18.4	-0.3	2.1	5.6	1008.	0.0
2011	8	27	18	17.9	0.1	3.0	7.1	26.	10.0
2011	8	27	19	17.9	0.1	2.4	6.2	25.	2.0
2011	8	27	20	17.6	0.2	3.0	5.6	26.	13.0
2011	8	27	21	16.3	0.4	1.3	4.4	1011.	6.0
2011	8	27	22	16.5	0.3	3.8	15.9	25.	7.0
2011	8	27	23	15.4	0.3	1.4	5.3	1013.	17.0
2011	8	27	24	15.6	0.4	2.5	5.6	26.	4.0
2011	8	28	1	14.8	0.6	1.3	3.7	1025.	3.0
2011	8	28	2	14.5	0.2	3.4	10.6	24.	5.0
2011	8	28	3	13.1	0.2	2.0	7.1	24.	8.0
2011	8	28	4	12.6	0.2	1.4	6.5	24.	6.0
2011	8	28	5	12.2	0.4	0.9	3.7	1029.	10.0
2011	8	28	6	11.5	0.4	1.1	2.5	11.	7.0
2011	8	28	7	11.3	0.2	0.8	2.2	7.	6.0
2011	8	28	8	11.7	0.1	0.8	2.8	11.	6.0
2011	8	28	9	12.5	0.0	0.9	1.9	12.	0.0
2011	8	28	10	13.7	-0.2	0.9	2.2	13.	0.0
2011	8	28	11	14.1	-0.2	0.7	11.2	19.	4.0
2011	8	28	12	13.9	0.0	0.9	2.2	9.	11.0
2011	8	28	13	14.3	-0.1	1.1	3.4	25.	48.0
2011	8	28	14	15.2	-0.4	1.0	3.7	3.	158.0
2011	8	28	15	15.1	-0.2	0.9	3.4	21.	122.0
2011	8	28	16	15.3	0.0	1.1	3.7	23.	87.0
2011	8	28	17	15.1	0.1	1.2	5.0	1029.	0.0
2011	8	28	18	13.7	0.2	1.9	6.5	1025.	2.0
2011	8	28	19	13.5	0.2	1.3	3.7	9.	0.0
2011	8	28	20	15.0	0.4	2.3	7.8	7.	0.0
2011	8	28	21	14.8	0.3	2.9	8.4	6.	0.0
2011	8	28	22	15.0	0.4	4.4	12.4	6.	0.0
2011	8	28	23	15.7	0.2	6.6	13.4	6.	0.0
2011	8	28	24	16.0	0.2	5.6	12.4	6.	0.0
2011	8	29	1	15.5	0.3	4.6	11.8	6.	1.0
2011	8	29	2	15.1	0.4	3.9	7.8	8.	0.0
2011	8	29	3	14.8	0.4	3.3	6.8	9.	2.0
2011	8	29	4	14.3	0.8	1.8	5.0	9.	0.0
2011	8	29	5	15.1	0.6	2.7	7.1	10.	0.0

2011	8	29	6	15.4	0.2	3.5	8.1	8.	1.0
2011	8	29	7	14.9	0.5	3.1	8.4	8.	4.0
2011	8	29	8	14.5	0.5	1.9	7.5	12.	2.0
2011	8	29	9	14.5	0.5	0.8	2.5	11.	4.0
2011	8	29	10	15.6	-0.1	0.8	2.2	1007.	4.0
2011	8	29	11	15.8	-0.2	0.7	1.9	23.	6.0
2011	8	29	12	16.1	-0.3	1.4	2.8	25.	6.0
2011	8	29	13	16.3	-0.3	1.8	3.4	24.	16.0
2011	8	29	14	16.9	-0.3	1.3	2.8	22.	15.0
2011	8	29	15	16.7	-0.3	1.5	5.3	7.	7.0
2011	8	29	16	16.7	-0.2	1.0	2.5	9.	5.0
2011	8	29	17	18.0	-0.2	2.5	7.8	28.	3.0
2011	8	29	18	17.5	0.0	3.9	8.4	27.	9.0
2011	8	29	19	17.0	0.1	3.2	8.1	27.	7.0
2011	8	29	20	16.1	0.1	1.7	5.6	27.	11.0
2011	8	29	21	15.3	0.2	1.6	5.9	26.	10.0
2011	8	29	22	14.4	0.3	1.0	3.4	19.	8.0
2011	8	29	23	13.7	0.3	1.6	7.1	1017.	7.0
2011	8	29	24	12.5	0.2	0.9	2.2	11.	8.0
2011	8	30	1	12.1	0.2	0.6	1.6	8.	7.0
2011	8	30	2	11.8	0.1	0.5	1.6	8.	3.0
2011	8	30	3	11.9	0.3	0.5	1.9	12.	0.0
2011	8	30	4	12.0	0.5	0.7	2.2	1010.	1.0
2011	8	30	5	11.8	0.4	0.5	2.2	9.	3.0
2011	8	30	6	11.7	0.3	0.6	1.9	8.	1.0
2011	8	30	7	11.8	0.2	0.6	2.2	5.	3.0
2011	8	30	8	12.0	0.2	0.6	1.9	11.	3.0
2011	8	30	9	12.8	0.2	1.3	5.6	26.	6.0
2011	8	30	10	13.5	-0.1	0.6	2.2	28.	2.0
2011	8	30	11	13.6	0.0	3.6	7.8	27.	1.0
2011	8	30	12	13.5	-0.2	4.5	7.8	25.	6.0
2011	8	30	13	14.8	-0.6	5.1	9.3	26.	1.0
2011	8	30	14	15.3	-0.5	4.3	8.4	26.	9.0
2011	8	30	15	15.3	-0.4	4.9	9.0	24.	11.0
2011	8	30	16	14.8	-0.3	5.1	8.4	25.	16.0
2011	8	30	17	14.7	-0.1	5.3	8.7	25.	23.0
2011	8	30	18	14.7	-0.1	3.6	7.8	25.	20.0
2011	8	30	19	14.4	0.0	3.4	7.1	25.	17.0
2011	8	30	20	13.8	0.1	1.1	3.4	18.	10.0
2011	8	30	21	13.1	0.4	0.9	2.8	16.	20.0
2011	8	30	22	12.3	0.2	1.5	2.8	12.	15.0
2011	8	30	23	11.9	0.1	1.1	2.2	11.	11.0
2011	8	30	24	11.8	0.1	0.8	1.9	12.	13.0
2011	8	31	1	11.8	0.1	0.7	1.2	12.	6.0
2011	8	31	2	11.6	0.0	0.5	1.2	12.	8.0
2011	8	31	3	11.3	-0.1	0.6	1.2	12.	8.0
2011	8	31	4	11.0	-0.1	0.3	0.9	12.	3.0
2011	8	31	5	10.9	0.0	0.1	0.9	-9900.	8.0
2011	8	31	6	10.9	-0.1	0.8	2.2	9.	3.0
2011	8	31	7	10.9	-0.1	0.5	1.2	8.	10.0
2011	8	31	8	11.2	-0.1	0.2	0.9	2008.	5.0
2011	8	31	9	12.1	-0.2	0.5	1.6	8.	2.0
2011	8	31	10	12.7	-0.3	1.4	3.1	25.	3.0
2011	8	31	11	13.3	-0.3	1.6	2.8	25.	0.0
2011	8	31	12	13.9	-0.3	1.8	3.1	25.	5.0
2011	8	31	13	14.8	-0.3	0.9	3.1	22.	10.0
2011	8	31	14	15.4	-0.3	1.2	2.5	24.	9.0
2011	8	31	15	16.3	-0.5	2.0	3.7	25.	2.0
2011	8	31	16	16.4	-0.3	3.2	6.2	25.	12.0

2011	8	31	17	17.2	-0.3	3.5	7.1	24.	10.0
2011	8	31	18	17.0	-0.2	2.8	7.1	26.	11.0
2011	8	31	19	16.0	-0.2	1.3	4.4	20.	10.0
2011	8	31	20	15.2	0.2	1.2	4.0	20.	6.0
2011	8	31	21	14.4	0.3	0.9	3.7	1021.	10.0
2011	8	31	22	12.6	0.8	0.9	1.9	11.	16.0
2011	8	31	23	11.5	0.5	1.2	2.2	10.	13.0
2011	8	31	24	11.8	0.3	0.7	1.9	9.	9.0
MANGLER (ANT)				0	0	0	0	1	0
MANGLER (%)				0.0	0.0	0.0	0.0	0.1	0.0



**Vedlegg B**  
**Vindstatistikk**



Stasjon : Sauda met  
 Periode : 01.04.11 - 31.08.11

## FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind- retning	Klokkeslett								Vind- rose
	01	04	07	10	13	16	19	22	
30	0.0	0.0	2.0	0.7	2.0	5.2	4.6	2.0	2.4
60	3.9	5.2	4.6	3.9	4.6	7.8	7.2	11.2	5.9
90	35.3	28.8	23.7	6.5	7.2	7.8	10.5	20.4	17.3
120	37.9	32.7	30.3	5.2	3.3	5.2	4.6	25.7	18.6
150	7.2	3.3	3.9	1.3	1.3	0.0	1.3	2.6	2.7
180	0.0	2.0	2.0	3.9	1.3	0.0	3.3	4.6	2.3
210	4.6	3.3	5.9	19.6	7.8	4.6	9.2	10.5	8.4
240	4.6	6.5	8.6	44.4	52.9	45.1	29.6	13.8	26.1
270	2.0	2.0	0.7	6.5	13.1	16.3	17.1	3.9	7.3
300	0.7	0.0	1.3	1.3	3.3	2.0	4.6	0.7	1.4
330	0.0	2.0	0.0	0.7	0.0	1.3	2.0	0.7	0.9
360	0.0	1.3	1.3	2.0	1.3	2.6	3.9	1.3	1.4
Stille	3.9	13.1	15.8	3.9	2.0	2.0	2.0	2.6	5.4
Ant.obs	( 153)	( 153)	( 152)	( 153)	( 153)	( 153)	( 152)	( 152)	(3667)
Midlere vind m/s	1.2	1.1	1.1	1.4	2.0	2.4	2.1	1.4	1.6

## VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

Klasse I: Vindstyrke 0.5 - 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	1.3	0.8	0.2	0.1	2.4	( 88)	2.2
60	3.7	1.3	0.7	0.2	5.9	( 216)	2.2
90	15.7	1.5	0.0	0.0	17.3	( 633)	1.2
120	18.3	0.3	0.0	0.0	18.6	( 681)	1.0
150	2.7	0.0	0.0	0.0	2.7	( 99)	0.9
180	2.3	0.1	0.0	0.0	2.3	( 85)	0.9
210	7.4	0.9	0.0	0.0	8.4	( 307)	1.2
240	14.7	8.5	2.4	0.5	26.1	( 956)	2.2
270	3.2	2.7	1.2	0.2	7.3	( 266)	2.7
300	1.1	0.3	0.0	0.0	1.4	( 51)	1.5
330	0.6	0.3	0.0	0.0	0.9	( 34)	1.4
360	1.0	0.4	0.0	0.0	1.4	( 52)	1.5
Stille					5.4	( 199)	
Total	71.9	17.0	4.6	1.1	100.0	(3667)	
Midlere vind m/s	1.1	2.9	4.8	7.1			1.6

\*) Dette tallet angir sentrum av vindsektor

Stasjon : Sauda met  
 Periode : 01.05.11 - 31.05.11

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind- retning	Klokkeslett									Vind- rose
	01	04	07	10	13	16	19	22		
30	0.0	0.0	0.0	0.0	6.5	6.5	0.0	3.2	1.9	
60	0.0	6.5	3.2	6.5	9.7	6.5	9.7	19.4	7.7	
90	25.8	19.4	25.8	9.7	3.2	9.7	16.1	12.9	15.3	
120	35.5	38.7	25.8	3.2	0.0	3.2	6.5	22.6	16.7	
150	9.7	0.0	6.5	0.0	3.2	0.0	0.0	0.0	2.2	
180	0.0	3.2	0.0	3.2	3.2	0.0	0.0	3.2	2.6	
210	6.5	3.2	6.5	22.6	9.7	3.2	6.5	9.7	6.9	
240	16.1	19.4	9.7	38.7	51.6	54.8	35.5	29.0	31.5	
270	3.2	0.0	3.2	9.7	6.5	12.9	16.1	0.0	6.6	
300	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	1.2	
330	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.5	
360	0.0	0.0	0.0	3.2	0.0	0.0	3.2	0.0	1.1	
Stille	3.2	9.7	19.4	3.2	3.2	3.2	3.2	0.0	6.0	
Ant.obs (	31)	( 31)	( 31)	( 31)	( 31)	( 31)	( 31)	( 31)	( 744)	
Midlere vind m/s	1.6	1.4	1.1	1.6	2.3	2.7	2.6	1.7	1.9	

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

Klasse I: Vindstyrke 0.5 - 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	0.8	0.5	0.5	0.0	1.9	( 14)	2.8	
60	3.9	2.2	1.6	0.0	7.7	( 57)	2.6	
90	13.4	1.9	0.0	0.0	15.3	( 114)	1.3	
120	16.5	0.1	0.0	0.0	16.7	( 124)	1.0	
150	2.2	0.0	0.0	0.0	2.2	( 16)	0.8	
180	2.4	0.1	0.0	0.0	2.6	( 19)	0.9	
210	5.6	1.2	0.0	0.0	6.9	( 51)	1.5	
240	12.1	12.6	4.8	1.9	31.5	( 234)	2.9	
270	3.1	2.0	1.2	0.3	6.6	( 49)	2.6	
300	1.1	0.1	0.0	0.0	1.2	( 9)	1.3	
330	0.5	0.0	0.0	0.0	0.5	( 4)	0.9	
360	0.9	0.1	0.0	0.0	1.1	( 8)	1.0	
Stille					6.0	( 45)		
Total	62.6	21.0	8.2	2.2	100.0	( 744)		
Midlere vind m/s	1.1	3.0	4.8	7.5			1.9	

\*) Dette tallet angir sentrum av vindsektor

Stasjon : Sauda met  
 Periode : 01.06.11 - 30.06.11

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind- retning	Klokkeslett									Vind- rose
	01	04	07	10	13	16	19	22		
30	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3		1.4
60	6.7	3.3	0.0	3.3	0.0	6.7	3.4	6.7		3.2
90	46.7	40.0	23.3	3.3	3.3	0.0	10.3	13.3		15.4
120	16.7	13.3	13.3	3.3	3.3	6.7	0.0	6.7		9.3
150	13.3	6.7	3.3	3.3	0.0	0.0	3.4	3.3		4.0
180	0.0	3.3	6.7	3.3	0.0	0.0	3.4	10.0		3.3
210	3.3	6.7	6.7	10.0	6.7	10.0	17.2	30.0		14.2
240	0.0	3.3	13.3	70.0	66.7	60.0	41.4	10.0		34.2
270	0.0	3.3	0.0	0.0	16.7	16.7	13.8	3.3		5.6
300	3.3	0.0	0.0	0.0	0.0	0.0	3.4	3.3		1.0
330	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0		0.8
360	0.0	3.3	6.7	0.0	0.0	0.0	3.4	6.7		1.1
Stille	10.0	13.3	23.3	3.3	3.3	0.0	0.0	3.3		6.4
Ant.obs (	30)	( 30)	( 30)	( 30)	( 30)	( 30)	( 29)	( 30)	( 719)	
Midlere vind m/s	1.0	1.1	1.0	1.4	2.0	2.6	1.9	1.1	1.5	

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

Klasse I: Vindstyrke 0.5 - 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	1.3	0.1	0.0	0.0	1.4	( 10)	1.2
60	2.8	0.0	0.4	0.0	3.2	( 23)	1.5
90	15.0	0.4	0.0	0.0	15.4	( 111)	1.2
120	9.3	0.0	0.0	0.0	9.3	( 67)	0.9
150	4.0	0.0	0.0	0.0	4.0	( 29)	0.8
180	3.3	0.0	0.0	0.0	3.3	( 24)	0.8
210	11.3	2.8	0.1	0.0	14.2	( 102)	1.4
240	18.9	11.0	4.0	0.3	34.2	( 246)	2.2
270	2.8	2.2	0.6	0.0	5.6	( 40)	2.2
300	0.8	0.1	0.0	0.0	1.0	( 7)	1.2
330	0.8	0.0	0.0	0.0	0.8	( 6)	0.9
360	1.1	0.0	0.0	0.0	1.1	( 8)	0.9
Stille					6.4	( 46)	
Total	71.5	16.7	5.1	0.3	100.0	( 719)	
Midlere vind m/s	1.1	2.8	4.7	6.6			1.5

\*) Dette tallet angir sentrum av vindsektor

Stasjon : Sauda met  
 Periode : 01.07.11 - 31.07.11

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind- retning	Klokkeslett								Vind- rose
	01	04	07	10	13	16	19	22	
30	0.0	0.0	6.7	3.2	3.2	6.5	0.0	3.3	3.6
60	9.7	6.5	6.7	3.2	3.2	6.5	3.2	6.7	5.7
90	41.9	25.8	6.7	3.2	0.0	12.9	9.7	13.3	16.6
120	25.8	25.8	30.0	0.0	3.2	0.0	0.0	23.3	13.5
150	6.5	3.2	0.0	0.0	3.2	0.0	3.2	6.7	2.3
180	0.0	0.0	0.0	3.2	3.2	0.0	9.7	3.3	1.5
210	9.7	3.2	16.7	9.7	6.5	6.5	3.2	6.7	8.6
240	0.0	0.0	10.0	64.5	61.3	32.3	32.3	13.3	28.5
270	3.2	0.0	0.0	9.7	9.7	25.8	29.0	13.3	9.2
300	0.0	0.0	3.3	0.0	6.5	3.2	3.2	0.0	1.2
330	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.3	0.5
360	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.4
Stille	3.2	32.3	20.0	3.2	0.0	3.2	3.2	6.7	8.4
Ant.obs (	31)	( 31)	( 30)	( 31)	( 31)	( 31)	( 31)	( 30)	( 741)
Midlere vind m/s	1.0	0.8	1.0	1.5	1.9	2.4	2.1	1.3	1.5

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

Klasse I: Vindstyrke 0.5 - 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	2.0	0.7	0.4	0.5	3.6	( 27)	2.6
60	3.8	0.9	0.7	0.3	5.7	( 42)	2.2
90	14.8	1.8	0.0	0.0	16.6	( 123)	1.2
120	13.2	0.3	0.0	0.0	13.5	( 100)	1.0
150	2.3	0.0	0.0	0.0	2.3	( 17)	0.8
180	1.5	0.0	0.0	0.0	1.5	( 11)	0.9
210	8.4	0.3	0.0	0.0	8.6	( 64)	1.0
240	18.5	8.9	1.1	0.0	28.5	( 211)	1.8
270	4.7	3.0	1.5	0.0	9.2	( 68)	2.4
300	0.9	0.3	0.0	0.0	1.2	( 9)	1.4
330	0.5	0.0	0.0	0.0	0.5	( 4)	1.0
360	0.4	0.0	0.0	0.0	0.4	( 3)	1.0
Stille					8.4	( 62)	
Total	71.1	16.1	3.6	0.8	100.0	( 741)	
Midlere vind m/s	1.1	2.8	4.7	7.1			1.5

\*) Dette tallet angir sentrum av vindsektor

Stasjon : Sauda met  
 Periode : 01.08.11 - 31.08.11

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind- retning	Klokkeslett									Vind- rose
	01	04	07	10	13	16	19	22		
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
60	3.2	3.2	12.9	6.5	6.5	6.5	12.9	6.5	7.7	7.7
90	35.5	38.7	38.7	12.9	6.5	12.9	12.9	32.3	21.5	21.5
120	51.6	29.0	35.5	6.5	6.5	6.5	3.2	41.9	22.4	22.4
150	3.2	3.2	3.2	3.2	0.0	0.0	0.0	3.2	2.8	2.8
180	0.0	3.2	0.0	0.0	0.0	0.0	0.0	3.2	2.0	2.0
210	0.0	0.0	0.0	12.9	12.9	0.0	9.7	0.0	3.9	3.9
240	6.5	3.2	3.2	35.5	35.5	48.4	29.0	9.7	21.4	21.4
270	0.0	6.5	0.0	9.7	25.8	22.6	19.4	3.2	11.3	11.3
300	0.0	0.0	0.0	6.5	6.5	3.2	12.9	0.0	2.6	2.6
330	0.0	3.2	0.0	3.2	0.0	0.0	0.0	0.0	0.8	0.8
360	0.0	3.2	0.0	3.2	0.0	0.0	0.0	0.0	0.4	0.4
Stille	0.0	6.5	6.5	0.0	0.0	0.0	0.0	0.0	2.7	2.7
Ant.obs (	31)	( 31)	( 31)	( 31)	( 31)	( 31)	( 31)	( 31)	( 744)	
Midlere vind m/s	1.2	1.1	1.1	1.1	1.6	2.2	2.1	1.8	1.5	

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

Klasse I: Vindstyrke 0.5 - 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	0.4	0.1	0.0	0.0	0.5	( 4)	1.2
60	5.0	1.3	0.9	0.4	7.7	( 57)	2.1
90	19.8	1.6	0.0	0.1	21.5	( 160)	1.2
120	22.0	0.4	0.0	0.0	22.4	( 167)	1.0
150	2.8	0.0	0.0	0.0	2.8	( 21)	1.0
180	2.0	0.0	0.0	0.0	2.0	( 15)	1.0
210	3.9	0.0	0.0	0.0	3.9	( 29)	0.9
240	13.7	6.9	0.8	0.0	21.4	( 159)	1.9
270	4.4	5.2	1.6	0.0	11.3	( 84)	2.7
300	1.9	0.7	0.0	0.0	2.6	( 19)	1.5
330	0.8	0.0	0.0	0.0	0.8	( 6)	0.9
360	0.4	0.0	0.0	0.0	0.4	( 3)	0.9
Stille					2.7	( 20)	
Total	77.2	16.3	3.4	0.5	100.0	( 744)	
Midlere vind m/s	1.1	2.9	4.9	7.3			1.5

\*) Dette tallet angir sentrum av vindsektor

Stasjon : Sauda met  
 Periode : 01.04.11 - 30.04.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	Min	*)Døgn-		Nobs	A n t a l l		
		midde	Maks		99	Null	Peak
010411	0.4	0.8	1.1	24	0	0	0
020411	0.6	1.3	3.1	24	0	0	0
030411	0.4	0.9	1.3	24	0	0	0
040411	0.8	2.4	4.9	24	0	0	0
050411	0.4	1.2	2.0	24	0	0	0
060411	0.5	0.9	1.3	24	0	0	0
070411	1.2	4.5	6.9	24	0	0	0
080411	1.2	3.8	7.4	24	0	0	0
090411	1.0	1.3	1.9	24	0	0	0
100411	0.6	1.1	1.7	24	0	0	0
110411	0.3	1.2	4.3	24	0	0	0
120411	1.1	1.9	2.8	24	0	0	0
130411	0.6	1.5	3.3	24	0	0	0
140411	-0.1	0.7	1.3	24	0	0	1
150411	0.2	0.6	1.1	24	0	0	0
160411	0.3	0.8	1.5	24	0	0	0
170411	0.3	0.7	1.5	24	0	0	0
180411	0.7	1.3	2.3	24	0	0	0
190411	0.5	1.3	2.7	24	0	0	0
200411	0.6	1.4	3.0	24	0	0	0
210411	0.4	1.3	2.5	24	0	0	0
220411	0.5	1.5	3.4	24	0	0	0
230411	0.7	2.0	6.4	24	0	0	0
240411	0.7	1.6	3.5	24	0	0	0
250411	0.3	1.3	2.4	24	0	0	0
260411	0.7	1.9	3.1	24	0	0	0
270411	0.7	1.4	2.7	24	0	0	0
280411	0.4	1.5	3.1	24	0	0	0
290411	0.3	1.5	3.5	24	0	0	0
300411	0.5	1.4	2.5	24	0	0	0

Midlere minimum måneden : 0.6 m/s  
 Middelvei for måneden : 1.5 m/s  
 Stand.avvik for måneden : 1.1 m/s  
 Midlere maksimum måneden: 2.9 m/s

\*) Døgnet er midlet fra kl 01 - 24



Stasjon : Sauda met  
 Periode : 01.04.11 - 30.04.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## MIDLERE DØGNFORDELING

Time	Middel	Stand. avvik	Maks.	Nobs	A n t a l l		
					99	Null	Peak
01	1.2	1.0	6.0	30	0	0	0
02	1.2	0.8	4.9	30	0	0	0
03	1.1	0.6	3.8	30	0	0	0
04	1.1	0.7	4.5	30	0	0	0
05	1.2	1.0	6.2	30	0	0	0
06	1.2	1.0	4.9	30	0	0	0
07	1.2	1.2	6.6	30	0	0	0
08	1.2	1.3	7.4	30	0	0	0
09	1.2	1.5	7.2	30	0	0	0
10	1.4	1.3	6.2	30	0	0	0
11	1.6	1.4	6.6	30	0	0	0
12	1.8	1.2	5.7	30	0	0	0
13	2.0	1.4	6.6	30	0	0	0
14	2.1	1.5	6.9	30	0	0	0
15	2.1	1.2	5.4	30	0	0	0
16	1.9	1.1	4.6	30	0	0	0
17	2.1	1.4	6.9	30	0	0	0
18	2.1	1.3	6.8	30	0	0	0
19	1.8	0.9	3.9	30	0	0	0
20	1.5	0.7	3.6	30	0	0	1
21	1.3	0.8	4.3	30	0	0	0
22	1.3	0.6	3.1	30	0	0	0
23	1.3	0.5	2.6	30	0	0	0
24	1.1	0.3	2.0	30	0	0	0

Stasjon : Sauda met  
 Periode : 01.04.11 - 30.04.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## FREKVENSFORDELING I INTERVALLER

Intervall	Antall obs.		Prosent forekomst		
	L-H	<H	L-H	<H	>L
0. - 10.	720	720	100.00	100.00	
OVER 10.	0	720	0.00	100.00	0.00

Stasjon : Sauda met  
 Periode : 01.05.11 - 31.05.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	Min	*) Døgn-		Nobs	A n t a l l		
		middel	Maks		99	Null	Peak
010511	0.4	1.4	2.5	24	0	0	0
020511	0.2	1.2	2.5	24	0	0	0
030511	0.9	1.9	4.3	24	0	0	0
040511	0.7	2.0	3.2	24	0	0	0
050511	0.4	2.0	4.2	24	0	0	0
060511	-0.1	0.8	1.9	24	0	0	1
070511	0.5	1.8	3.4	24	0	0	0
080511	1.0	2.9	5.9	24	0	0	0
090511	0.9	3.2	6.0	24	0	0	0
100511	0.5	1.0	2.4	24	0	0	0
110511	0.5	1.8	4.9	24	0	0	0
120511	0.3	1.8	4.7	24	0	0	0
130511	0.5	1.1	1.9	24	0	0	0
140511	0.2	1.0	1.6	24	0	0	0
150511	0.3	1.4	4.3	24	0	0	0
160511	0.3	1.1	3.1	24	0	0	0
170511	-0.1	1.4	4.3	24	0	1	2
180511	0.3	1.2	3.7	24	0	0	0
190511	0.7	3.3	6.5	24	0	0	0
200511	0.4	1.2	3.8	24	0	0	0
210511	0.6	2.4	7.8	24	0	0	0
220511	0.5	2.2	4.0	24	0	0	0
230511	0.9	2.8	6.9	24	0	0	0
240511	2.8	5.7	9.4	24	0	0	0
250511	0.8	2.6	6.0	24	0	0	0
260511	0.2	1.7	4.3	24	0	0	0
270511	0.4	1.8	3.9	24	0	0	0
280511	0.4	1.5	5.8	24	0	0	0
290511	0.5	1.7	5.0	24	0	0	0
300511	0.3	2.1	4.7	24	0	0	0
310511	0.2	1.0	2.9	24	0	0	0

Midlere minimum måneden : 0.5 m/s  
 Middelerdi for måneden : 1.9 m/s  
 Stand.avvik for måneden : 1.5 m/s  
 Midlere maksimum måneden: 4.4 m/s

\*) Døgnet er midlet fra kl 01 - 24

Stasjon : Sauda met  
 Periode : 01.05.11 - 31.05.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## MIDLERE DØGNFORDELING

Time	Middel	Stand.		Maks.	Nobs	A n t a l l		
		avvik				99	Null	Peak
01	1.6	1.5		8.0	31	0	0	0
02	1.4	1.4		7.8	31	0	0	0
03	1.3	1.4		8.0	31	0	1	1
04	1.4	1.5		8.6	31	0	0	1
05	1.4	1.7		9.4	31	0	0	0
06	1.5	1.8		9.1	31	0	0	0
07	1.1	1.2		6.3	31	0	0	1
08	1.1	1.1		5.2	31	0	0	0
09	1.4	1.2		5.5	31	0	0	0
10	1.6	1.4		5.8	31	0	0	0
11	1.9	1.3		5.3	31	0	0	0
12	2.1	1.4		6.7	31	0	0	0
13	2.3	1.4		5.9	31	0	0	0
14	2.6	1.6		7.8	31	0	0	0
15	2.7	1.7		7.5	31	0	0	0
16	2.7	1.8		7.8	31	0	0	0
17	2.8	1.6		5.8	31	0	0	0
18	2.8	1.7		6.5	31	0	0	0
19	2.6	1.7		6.3	31	0	0	0
20	2.3	1.4		5.5	31	0	0	0
21	2.1	1.4		4.9	31	0	0	0
22	1.7	0.9		4.3	31	0	0	0
23	1.6	1.1		5.0	31	0	0	0
24	1.7	1.4		6.9	31	0	0	0

Stasjon : Sauda met  
 Periode : 01.05.11 - 31.05.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## FREKVENSFORDELING I INTERVALLER

Intervall	L - H	Antall obs.		Prosent forekomst		
		L-H	<H	L-H	<H	>L
0. - 10.		744	744	100.00	100.00	
OVER	10.	0	744	0.00	100.00	0.00

Stasjon : Sauda met  
 Periode : 01.06.11 - 30.06.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	Min	*) Døgn-		Nobs	A n t a l l		
		middel	Maks		99	Null	Peak
010611	0.4	1.2	5.2	24	0	0	0
020611	0.6	1.4	3.3	24	0	0	0
030611	-0.1	1.0	1.9	24	0	0	1
040611	0.6	1.7	3.2	24	0	0	0
050611	0.6	1.8	4.3	24	0	0	0
060611	0.5	0.9	1.6	24	0	0	0
070611	0.3	1.1	1.9	24	0	0	0
080611	0.4	0.8	1.5	24	0	0	0
090611	0.3	0.9	2.0	24	0	0	0
100611	0.2	0.9	1.9	24	0	0	0
110611	0.2	1.8	5.7	24	0	0	0
120611	0.3	1.3	3.4	24	0	0	0
130611	0.6	1.5	3.9	24	0	0	0
140611	0.9	3.4	5.2	24	0	0	0
150611	0.8	2.4	4.6	24	0	0	0
160611	0.2	1.8	5.6	24	0	0	0
170611	0.3	0.9	2.4	24	0	0	0
180611	0.3	1.5	3.2	24	0	0	0
190611	0.4	1.4	2.9	24	0	0	0
200611	0.7	2.6	4.8	24	0	0	0
210611	0.7	2.0	4.9	24	0	0	0
220611	0.6	1.7	6.7	24	0	0	0
230611	0.4	1.2	2.2	24	0	0	0
240611	0.8	2.7	6.5	24	0	0	0
250611	0.7	2.0	4.1	24	0	0	0
260611	0.6	1.9	5.5	24	0	0	0
270611	0.4	0.7	1.2	24	0	0	0
280611	0.6	1.1	1.6	24	0	0	0
290611	0.3	1.0	1.6	24	0	0	0
300611	0.4	1.2	2.6	24	0	0	0

Midlere minimum måneden : 0.5 m/s  
 Middelerdi for måneden : 1.5 m/s  
 Stand.avvik for måneden : 1.1 m/s  
 Midlere maksimum måneden: 3.5 m/s

\*) Døgnet er midlet fra kl 01 - 24

Stasjon : Sauda met  
 Periode : 01.06.11 - 30.06.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## MIDLERE DØGNFORDELING

Time	Middel	Stand. avvik	Maks.	Nobs	A n t a l l		
					99	Null	Peak
01	1.0	0.5	2.4	30	0	0	0
02	1.0	0.6	3.3	30	0	0	0
03	1.0	0.7	3.3	30	0	0	0
04	1.1	0.7	2.9	30	0	0	1
05	1.0	0.8	4.6	30	0	0	0
06	0.9	0.6	3.6	30	0	0	0
07	1.0	0.7	3.2	30	0	0	0
08	1.0	0.6	3.7	30	0	0	0
09	1.3	0.8	4.2	30	0	0	0
10	1.4	0.9	4.7	30	0	0	0
11	1.7	1.0	4.8	30	0	0	0
12	1.9	1.0	5.2	30	0	0	0
13	2.0	1.3	5.1	30	0	0	0
14	2.3	1.5	6.7	30	0	0	0
15	2.4	1.4	4.8	30	0	0	0
16	2.6	1.6	6.5	30	0	0	0
17	2.4	1.6	5.5	30	0	0	0
18	2.4	1.3	5.5	30	0	0	0
19	1.9	1.2	4.3	30	0	0	0
20	1.6	1.0	4.1	30	0	0	0
21	1.3	0.7	3.2	30	0	0	0
22	1.1	0.6	3.3	30	0	0	0
23	1.2	0.6	3.1	30	0	0	0
24	1.1	0.4	2.5	30	0	0	0

Stasjon : Sauda met  
 Periode : 01.06.11 - 30.06.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## FREKVENSFORDELING I INTERVALLER

Intervall	L - H	Antall obs.		Prosent forekomst		
		L-H	<H	L-H	<H	>L
0. - 10.		720	720	100.00	100.00	
OVER	10.	0	720	0.00	100.00	0.00

Stasjon : Sauda met  
 Periode : 01.07.11 - 31.07.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	Min	*)Døgn-		Nobs	A n t a l l		
		middel	Maks		99	Null	Peak
010711	0.3	0.9	1.8	24	0	0	0
020711	0.2	1.0	1.9	24	0	0	0
030711	0.2	0.9	1.7	24	0	0	0
040711	0.4	1.4	3.4	24	0	0	0
050711	0.3	1.2	2.3	24	0	0	0
060711	0.4	1.3	3.1	24	0	0	0
070711	0.6	1.4	2.4	24	0	0	0
080711	0.2	1.0	2.1	24	0	0	0
090711	0.4	1.2	4.2	24	0	0	0
100711	0.6	1.8	5.0	24	0	0	0
110711	0.5	1.2	2.0	24	0	0	0
120711	0.6	1.8	3.3	24	0	0	0
130711	0.3	2.0	4.5	24	0	0	0
140711	0.6	1.6	3.9	24	0	0	0
150711	0.4	1.5	3.9	24	0	0	0
160711	0.4	1.2	2.3	24	0	0	0
170711	0.6	3.9	7.8	24	0	0	0
180711	0.8	2.3	4.5	24	0	0	0
190711	0.7	1.2	2.3	24	0	0	0
200711	0.2	1.0	2.5	24	0	0	0
210711	0.4	1.8	3.6	24	0	0	0
220711	0.2	0.7	1.2	24	0	0	0
230711	0.5	1.1	1.9	24	0	0	0
240711	0.7	1.4	2.7	24	0	0	0
250711	0.3	0.9	2.1	24	0	0	0
260711	0.0	0.7	1.6	24	0	1	1
270711	0.2	2.0	4.8	24	0	0	0
280711	0.3	1.8	4.5	24	0	0	0
290711	0.4	1.9	4.1	24	0	0	0
300711	0.3	2.0	5.4	24	0	0	0
310711	0.2	1.9	4.3	24	0	0	0

Midlere minimum måneden : 0.4 m/s  
 Middelerdi for måneden : 1.5 m/s  
 Stand.avvik for måneden : 1.1 m/s  
 Midlere maksimum måneden: 3.3 m/s

\*) Døgnet er midlet fra kl 01 - 24

Stasjon : Sauda met  
 Periode : 01.07.11 - 31.07.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## MIDLERE DØGNFORDELING

Time	Middel	Stand. avvik	Maks.	Nobs	A n t a l l		
					99	Null	Peak
01	1.0	0.4	2.0	31	0	0	0
02	1.0	0.5	2.3	31	0	0	0
03	0.8	0.5	1.9	31	0	0	0
04	0.8	0.7	3.7	31	0	0	0
05	0.9	0.7	4.5	31	0	0	0
06	1.0	0.9	5.5	31	0	0	0
07	1.0	0.8	5.1	31	0	0	0
08	0.8	0.8	4.8	31	0	1	1
09	1.1	1.0	5.7	31	0	0	0
10	1.5	1.1	6.3	31	0	0	0
11	1.7	1.0	6.1	31	0	0	0
12	1.9	1.2	6.8	31	0	0	0
13	1.9	1.4	7.8	31	0	0	0
14	2.0	1.3	7.8	31	0	0	0
15	2.3	1.5	7.8	31	0	0	0
16	2.4	1.4	5.3	31	0	0	0
17	2.2	1.4	5.4	31	0	0	0
18	2.2	1.4	5.4	31	0	0	0
19	2.1	1.3	4.6	31	0	0	0
20	2.0	1.0	3.6	31	0	0	0
21	1.6	0.9	4.2	31	0	0	0
22	1.3	0.6	2.7	31	0	0	0
23	1.2	0.5	2.5	31	0	0	0
24	1.1	0.5	2.4	31	0	0	0

Stasjon : Sauda met  
 Periode : 01.07.11 - 31.07.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## FREKVENSFORDELING I INTERVALLER

Intervall	L - H	Antall obs.		Prosent forekomst		
		L-H	<H	L-H	<H	>L
0. - 10.		744	744	100.00	100.00	
OVER	10.	0	744	0.00	100.00	0.00

Stasjon : Sauda met  
 Periode : 01.08.11 - 31.08.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	Min	*)Døgn-		Nobs	A n t a l l		
		middel	Maks		99	Null	Peak
010811	0.3	1.5	3.5	24	0	0	0
020811	0.3	1.5	4.5	24	0	0	0
030811	0.6	1.0	1.7	24	0	0	0
040811	0.7	1.5	2.6	24	0	0	0
050811	0.4	1.3	4.0	24	0	0	0
060811	0.9	2.7	4.7	24	0	0	0
070811	0.6	1.4	5.3	24	0	0	0
080811	0.8	1.5	4.0	24	0	0	0
090811	0.6	2.6	6.0	24	0	0	0
100811	0.7	1.8	3.1	24	0	0	0
110811	0.6	1.4	2.9	24	0	0	0
120811	0.6	1.6	3.1	24	0	0	0
130811	0.8	2.4	8.5	24	0	0	0
140811	0.5	2.1	5.7	24	0	0	0
150811	0.3	0.9	2.0	24	0	0	0
160811	0.7	1.7	3.8	24	0	0	0
170811	0.4	0.9	1.3	24	0	0	0
180811	0.7	1.8	4.3	24	0	0	0
190811	0.6	1.2	3.2	24	0	0	0
200811	0.3	0.9	1.6	24	0	0	0
210811	0.5	0.8	1.9	24	0	0	0
220811	0.5	0.9	1.2	24	0	0	0
230811	0.5	1.2	2.2	24	0	0	0
240811	0.4	1.0	1.9	24	0	0	0
250811	0.3	1.2	2.3	24	0	0	0
260811	0.5	1.2	3.7	24	0	0	0
270811	0.8	1.7	3.8	24	0	0	0
280811	0.7	1.9	6.6	24	0	0	0
290811	0.7	2.1	4.6	24	0	0	0
300811	0.5	2.2	5.3	24	0	0	0
310811	-0.1	1.2	3.5	24	0	0	1

Midlere minimum måneden : 0.5 m/s  
 Middelerdi for måneden : 1.5 m/s  
 Stand.avvik for måneden : 1.1 m/s  
 Midlere maksimum måneden: 3.6 m/s

\*) Døgnet er midlet fra kl 01 - 24



Stasjon : Sauda met  
 Periode : 01.08.11 - 31.08.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## MIDLERE DØGNFORDELING

Time	Middel	Stand. avvik	Maks.	Nobs	A n t a l l		
					99	Null	Peak
01	1.2	0.7	4.6	31	0	0	0
02	1.2	0.7	3.9	31	0	0	0
03	1.2	0.6	3.3	31	0	0	0
04	1.1	0.5	2.7	31	0	0	0
05	1.1	0.6	3.1	31	0	0	1
06	1.1	0.7	3.5	31	0	0	0
07	1.1	0.5	3.1	31	0	0	0
08	1.0	0.7	4.0	31	0	0	0
09	1.0	0.7	3.4	31	0	0	0
10	1.1	0.5	2.7	31	0	0	0
11	1.4	0.7	3.6	31	0	0	0
12	1.6	1.0	4.8	31	0	0	0
13	1.6	1.2	5.7	31	0	0	0
14	1.9	1.3	5.3	31	0	0	0
15	2.2	1.4	5.1	31	0	0	0
16	2.2	1.3	5.6	31	0	0	0
17	2.1	1.3	5.8	31	0	0	0
18	2.3	1.4	6.0	31	0	0	0
19	2.1	1.3	5.2	31	0	0	0
20	1.7	1.3	6.4	31	0	0	0
21	1.5	1.5	8.5	31	0	0	0
22	1.8	1.5	7.7	31	0	0	0
23	1.5	1.2	6.6	31	0	0	0
24	1.3	0.9	5.6	31	0	0	0

Stasjon : Sauda met  
 Periode : 01.08.11 - 31.08.11  
 Parameter: Vindstyrke  
 Enhet : m/s

## FREKVENSFORDELING I INTERVALLER

Intervall	Antall obs.	Prosent forekomst		
		L-H	<H	>L
0. - 10.	744	744	100.00	100.00
OVER 10.	0	744	0.00	100.00

Stasjon : Sauda met  
 Periode : 01.04.11 - 30.04.11  
 Parameter: Gust  
 Enhet : m/s

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	Min	*) Døgn-		Nobs	A n t a l l		
		min	Maks		99	Null	Peak
010411	1.6	2.1	2.5	24	0	0	0
020411	1.9	3.8	9.6	24	0	0	0
030411	1.2	2.2	3.1	24	0	0	0
040411	1.9	5.6	11.2	24	0	0	0
050411	1.6	2.9	5.6	24	0	0	0
060411	1.6	2.4	3.4	24	0	0	0
070411	3.1	11.9	16.5	24	0	0	0
080411	3.4	10.4	19.9	24	0	0	0
090411	2.2	3.2	5.6	24	0	0	0
100411	1.6	2.6	5.0	24	0	0	0
110411	1.6	3.0	8.7	24	0	0	0
120411	2.5	5.9	10.3	24	0	0	0
130411	1.9	3.3	7.1	24	0	0	0
140411	0.6	1.7	2.8	24	0	0	0
150411	0.9	1.7	2.5	24	0	0	0
160411	1.2	2.1	3.1	24	0	0	0
170411	0.9	1.8	3.1	24	0	0	0
180411	1.9	3.0	5.9	24	0	0	0
190411	1.9	3.2	6.8	24	0	0	0
200411	1.6	3.2	6.2	24	0	0	0
210411	1.6	3.1	5.6	24	0	0	0
220411	1.2	3.5	6.8	24	0	0	0
230411	1.9	5.1	15.2	24	0	0	0
240411	1.6	4.2	7.8	24	0	0	0
250411	1.2	3.3	6.5	24	0	0	0
260411	1.9	4.4	7.1	24	0	0	0
270411	1.9	3.6	7.5	24	0	0	0
280411	1.9	3.7	6.8	24	0	0	0
290411	1.2	3.3	7.1	24	0	0	0
300411	1.6	3.3	5.9	24	0	0	0

Midlere minimum måneden : 1.7 m/s  
 Middelvei for måneden : 3.8 m/s  
 Stand.avvik for måneden : 2.9 m/s  
 Midlere maksimum måneden: 7.2 m/s

\*) Døgnet er midlet fra kl 01 - 24

Stasjon : Sauda met  
 Periode : 01.04.11 - 30.04.11  
 Parameter: Gust  
 Enhet : m/s

## MIDLERE DØGNFORDELING

Time	Middel	Stand.		Maks.	Nobs	A n t a l l		
		avvik				99	Null	Peak
01	3.1	2.5		15.2	30	0	0	0
02	3.0	2.4		14.6	30	0	0	0
03	2.7	1.4		8.4	30	0	0	0
04	2.7	1.7		10.9	30	0	0	0
05	3.0	2.5		15.2	30	0	0	0
06	3.1	2.8		13.4	30	0	0	0
07	3.2	3.1		14.0	30	0	0	0
08	2.9	2.6		13.4	30	0	0	0
09	3.0	3.2		15.9	30	0	0	0
10	3.3	3.0		13.4	30	0	0	0
11	3.8	3.3		15.9	30	0	0	0
12	4.4	3.5		16.2	30	0	0	0
13	4.7	3.4		15.2	30	0	0	0
14	5.0	3.6		15.2	30	0	0	0
15	4.9	2.9		13.7	30	0	0	0
16	5.1	2.5		12.1	30	0	0	0
17	5.1	3.0		14.6	30	0	0	0
18	5.4	3.6		16.5	30	0	0	0
19	5.3	3.9		19.9	30	0	0	0
20	4.3	2.2		12.1	30	0	0	0
21	3.9	2.5		12.1	30	0	0	0
22	3.4	1.9		9.6	30	0	0	0
23	3.1	1.5		9.3	30	0	0	0
24	2.5	0.7		4.7	30	0	0	0

Stasjon : Sauda met  
 Periode : 01.04.11 - 30.04.11  
 Parameter: Gust  
 Enhet : m/s

## FREKVENSFORDELING I INTERVALLER

Intervall	Antall obs.		Prosent forekomst			
	L - H	L-H	<H	L-H	<H	>L
0. - 10.	685	685	95.14	95.14		
10. - 11.	5	690	0.69	95.83	4.86	
11. - 12.	2	692	0.28	96.11	4.17	
12. - 13.	5	697	0.69	96.81	3.89	
13. - 14.	10	707	1.39	98.19	3.19	
OVER	14.	13	720	1.81	100.00	0.00

Stasjon : Sauda met  
 Periode : 01.05.11 - 31.05.11  
 Parameter: Gust  
 Enhet : m/s

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	Min	*)Døgn-		Nobs	A n t a l l		
		middel	Maks		99	Null	Peak
010511	1.6	3.7	7.5	24	0	0	0
020511	1.2	3.1	6.2	24	0	0	0
030511	1.9	4.2	11.2	24	0	0	0
040511	1.9	4.1	6.2	24	0	0	0
050511	1.2	4.3	7.8	24	0	0	0
060511	0.9	2.2	5.0	24	0	0	0
070511	1.6	4.9	9.6	24	0	0	0
080511	2.8	7.4	17.1	24	0	0	0
090511	3.4	8.1	13.7	24	0	0	0
100511	1.6	3.4	11.5	24	0	0	0
110511	1.9	3.6	8.1	24	0	0	0
120511	1.2	4.0	8.7	24	0	0	0
130511	1.6	2.8	4.4	24	0	0	0
140511	1.2	2.5	5.6	24	0	0	0
150511	1.2	3.6	8.4	24	0	0	0
160511	1.2	2.7	5.6	24	0	0	0
170511	0.6	4.3	12.7	24	0	0	0
180511	0.9	3.3	8.7	24	0	0	0
190511	1.9	7.9	11.8	24	0	0	0
200511	1.2	3.4	13.4	24	0	0	0
210511	1.6	5.1	13.1	24	0	0	0
220511	1.9	6.7	17.1	24	0	0	0
230511	2.2	6.8	16.2	24	0	0	0
240511	7.8	12.5	20.2	24	0	0	0
250511	1.9	6.9	12.4	24	0	0	0
260511	0.6	4.2	11.5	24	0	0	0
270511	1.6	4.8	9.6	24	0	0	0
280511	0.9	3.8	11.8	24	0	0	0
290511	1.6	5.1	13.4	24	0	0	0
300511	0.9	5.5	9.6	24	0	0	0
310511	0.9	3.1	9.3	24	0	0	0

Midlere minimum måneden : 1.7 m/s  
 Middelerdi for måneden : 4.8 m/s  
 Stand.avvik for måneden : 3.4 m/s  
 Midlere maksimum måneden: 10.6 m/s

\*) Døgnet er midlet fra kl 01 - 24

Stasjon : Sauda met  
 Periode : 01.05.11 - 31.05.11  
 Parameter: Gust  
 Enhet : m/s

## MIDLERE DØGNFORDELING

Time	Middel	Stand. avvik	Maks.	Nobs	A n t a l l		
					99	Null	Peak
01	3.8	3.0	14.6	31	0	0	0
02	3.5	3.3	17.7	31	0	0	0
03	3.5	3.3	16.8	31	0	0	0
04	3.3	3.1	16.2	31	0	0	0
05	3.4	3.7	20.2	31	0	0	0
06	3.7	3.8	18.6	31	0	0	0
07	3.2	2.9	14.3	31	0	0	0
08	3.2	2.6	11.8	31	0	0	0
09	3.7	2.8	10.3	31	0	0	0
10	4.1	2.9	10.6	31	0	0	0
11	4.6	2.8	10.6	31	0	0	0
12	4.9	3.0	10.9	31	0	0	0
13	5.6	3.0	11.2	31	0	0	0
14	6.4	3.2	12.7	31	0	0	0
15	6.9	4.1	17.1	31	0	0	0
16	6.6	3.7	16.8	31	0	0	0
17	7.0	3.9	17.1	31	0	0	0
18	6.7	3.3	12.7	31	0	0	0
19	6.3	2.8	12.4	31	0	0	0
20	5.7	2.8	11.5	31	0	0	0
21	5.4	3.0	13.4	31	0	0	0
22	4.8	2.7	11.5	31	0	0	0
23	4.1	2.8	13.4	31	0	0	0
24	4.1	3.5	16.2	31	0	0	0

Stasjon : Sauda met  
 Periode : 01.05.11 - 31.05.11  
 Parameter: Gust  
 Enhet : m/s

## FREKVENSFORDELING I INTERVALLER

Intervall	Antall obs.		Prosent forekomst			
	L - H	L-H	<H	L-H	>L	
0. - 10.	679	679	91.26	91.26		
10. - 11.	21	700	2.82	94.09	8.74	
11. - 12.	15	715	2.02	96.10	5.91	
12. - 13.	10	725	1.34	97.45	3.90	
13. - 14.	7	732	0.94	98.39	2.55	
OVER	14.	12	744	1.61	100.00	0.00

Stasjon : Sauda met  
 Periode : 01.06.11 - 30.06.11  
 Parameter: Gust  
 Enhet : m/s

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	Min	*)Døgn-		Nobs	A n t a l l		
		middel	Maks		99	Null	Peak
010611	1.6	3.4	13.7	24	0	0	0
020611	1.6	4.3	8.1	24	0	0	0
030611	0.9	2.2	3.7	24	0	0	0
040611	1.6	4.1	6.5	24	0	0	0
050611	1.9	3.9	8.7	24	0	0	0
060611	1.9	2.7	5.0	24	0	0	0
070611	0.9	2.8	4.4	24	0	0	0
080611	1.2	2.4	4.7	24	0	0	0
090611	1.2	2.3	3.7	24	0	0	0
100611	0.9	2.7	5.9	24	0	0	0
110611	0.9	3.7	10.6	24	0	0	0
120611	0.9	3.2	7.1	24	0	0	0
130611	1.6	3.8	9.0	24	0	0	0
140611	2.2	9.0	14.0	24	0	0	0
150611	1.9	5.6	8.7	24	0	0	0
160611	1.2	5.3	14.0	24	0	0	0
170611	1.2	2.7	6.8	24	0	0	0
180611	0.9	2.9	5.6	24	0	0	0
190611	1.6	3.5	6.8	24	0	0	0
200611	3.1	5.6	9.0	24	0	0	0
210611	1.6	4.2	7.8	24	0	0	0
220611	1.6	3.6	9.6	24	0	0	0
230611	1.2	3.1	5.9	24	0	0	0
240611	2.5	6.5	12.1	24	0	0	0
250611	1.9	4.2	7.1	24	0	0	0
260611	1.6	3.9	10.3	24	0	0	0
270611	1.2	2.1	3.1	24	0	0	0
280611	2.2	3.5	10.6	24	0	0	0
290611	1.2	3.3	6.8	24	0	0	0
300611	1.6	3.7	6.5	24	0	0	0

Midlere minimum måneden : 1.5 m/s  
 Middelerdi for måneden : 3.8 m/s  
 Stand.avvik for måneden : 2.3 m/s  
 Midlere maksimum måneden: 7.9 m/s

\*) Døgnet er midlet fra kl 01 - 24

Stasjon : Sauda met  
 Periode : 01.06.11 - 30.06.11  
 Parameter: Gust  
 Enhet : m/s

## MIDLERE DØGNFORDELING

Time	Middel	Stand. avvik	Maks.	Nobs	A n t a l l		
					99	Null	Peak
01	2.5	1.2	7.8	30	0	0	0
02	2.6	1.6	8.7	30	0	0	0
03	2.8	1.8	8.1	30	0	0	0
04	2.8	1.9	8.7	30	0	0	0
05	3.0	2.4	11.8	30	0	0	0
06	2.7	1.6	8.7	30	0	0	0
07	2.8	1.8	9.3	30	0	0	0
08	2.9	1.5	8.4	30	0	0	0
09	3.2	1.8	9.3	30	0	0	0
10	3.5	1.6	9.0	30	0	0	0
11	3.9	1.9	10.3	30	0	0	0
12	4.2	1.9	11.8	30	0	0	0
13	4.6	2.4	12.4	30	0	0	0
14	5.0	2.8	14.0	30	0	0	0
15	5.7	3.0	13.4	30	0	0	0
16	6.1	3.4	14.0	30	0	0	0
17	5.5	2.8	11.8	30	0	0	0
18	5.7	2.7	11.8	30	0	0	0
19	4.8	2.3	9.6	30	0	0	0
20	4.4	2.2	9.0	30	0	0	0
21	3.8	1.7	8.1	30	0	0	0
22	3.3	1.5	8.7	30	0	0	0
23	3.3	1.5	8.7	30	0	0	0
24	2.6	1.1	7.1	30	0	0	0

Stasjon : Sauda met  
 Periode : 01.06.11 - 30.06.11  
 Parameter: Gust  
 Enhet : m/s

## FREKVENSFORDELING I INTERVALLER

Intervall	Antall obs.		Prosent forekomst			
	L - H	L-H <H	L-H	<H	>L	
0. - 10.	703	703	97.64	97.64		
10. - 11.	5	708	0.69	98.33	2.36	
11. - 12.	6	714	0.83	99.17	1.67	
12. - 13.	2	716	0.28	99.44	0.83	
13. - 14.	4	720	0.56	100.00	0.56	
OVER	14.	0	720	0.00	100.00	0.00

Stasjon : Sauda met  
 Periode : 01.07.11 - 31.07.11  
 Parameter: Gust  
 Enhet : m/s

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	Min	*) Døgn-		Nobs	A n t a l l		
		midde l	Maks		99	Null	Peak
010711	1.2	3.0	5.6	24	0	0	0
020711	0.9	2.3	3.7	24	0	0	0
030711	0.9	2.7	5.3	24	0	0	0
040711	1.2	3.3	6.2	24	0	0	0
050711	0.9	3.3	7.5	24	0	0	0
060711	1.2	3.6	7.8	24	0	0	0
070711	1.9	3.7	6.8	24	0	0	0
080711	0.9	2.7	5.9	24	0	0	0
090711	1.6	3.9	15.2	24	0	0	0
100711	1.6	4.2	9.9	24	0	0	0
110711	1.6	3.5	7.1	24	0	0	0
120711	1.6	4.3	6.5	24	0	0	0
130711	0.9	3.8	7.5	24	0	0	0
140711	1.2	3.3	7.8	24	0	0	0
150711	1.2	3.6	7.1	24	0	0	0
160711	1.6	3.2	7.5	24	0	0	0
170711	1.9	9.3	17.7	24	0	0	0
180711	1.9	5.5	10.3	24	0	0	0
190711	1.9	3.7	7.5	24	0	0	0
200711	1.2	3.0	5.9	24	0	0	0
210711	1.2	3.9	7.5	24	0	0	0
220711	0.9	1.9	3.1	24	0	0	0
230711	1.9	3.3	6.5	24	0	0	0
240711	2.5	4.0	9.6	24	0	0	0
250711	0.9	2.0	3.4	24	0	0	0
260711	0.9	2.1	4.7	24	0	0	0
270711	0.6	4.1	8.1	24	0	0	0
280711	1.2	3.6	7.8	24	0	0	0
290711	1.2	3.8	7.1	24	0	0	0
300711	1.2	4.0	9.3	24	0	0	0
310711	0.9	3.9	9.3	24	0	0	0

Midlere minimum måneden : 1.3 m/s  
 Middelerdi for måneden : 3.6 m/s  
 Stand.avvik for måneden : 2.4 m/s  
 Midlere maksimum måneden: 7.6 m/s

\*) Døgnnet er midlet fra kl 01 - 24



Stasjon : Sauda met  
 Periode : 01.07.11 - 31.07.11  
 Parameter: Gust  
 Enhet : m/s

## MIDLERE DØGNFORDELING

Time	Middel	Stand. avvik	Maks.	Nobs	A n t a l l		
					99	Null	Peak
01	2.3	0.8	4.4	31	0	0	0
02	2.3	0.8	4.0	31	0	0	0
03	2.2	1.0	5.0	31	0	0	0
04	2.3	1.5	9.0	31	0	0	0
05	2.2	1.3	8.7	31	0	0	0
06	2.8	2.4	15.2	31	0	0	0
07	2.6	2.0	11.8	31	0	0	0
08	2.5	2.4	14.3	31	0	0	0
09	2.9	2.4	14.9	31	0	0	0
10	3.3	2.2	13.7	31	0	0	0
11	3.9	2.3	14.6	31	0	0	0
12	4.2	2.5	15.9	31	0	0	0
13	4.2	2.9	17.7	31	0	0	0
14	4.6	2.8	17.1	31	0	0	0
15	5.2	2.8	17.4	31	0	0	0
16	5.2	2.2	9.9	31	0	0	0
17	5.3	2.1	9.6	31	0	0	0
18	5.1	2.3	9.9	31	0	0	0
19	5.4	2.8	15.2	31	0	0	0
20	5.1	2.4	13.1	31	0	0	0
21	4.3	2.0	9.6	31	0	0	0
22	3.5	1.6	8.4	31	0	0	0
23	3.1	1.7	9.6	31	0	0	0
24	2.5	0.9	4.4	31	0	0	0

Stasjon : Sauda met  
 Periode : 01.07.11 - 31.07.11  
 Parameter: Gust  
 Enhet : m/s

## FREKVENSFORDELING I INTERVALLER

Intervall L - H	Antall obs.		Prosent forekomst			
	L-H	<H	L-H	<H	>L	
0. - 10.	731	731	98.25	98.25		
10. - 11.	1	732	0.13	98.39	1.75	
11. - 12.	1	733	0.13	98.52	1.61	
12. - 13.	0	733	0.00	98.52	1.48	
13. - 14.	2	735	0.27	98.79	1.48	
OVER	14.	9	744	1.21	100.00	0.00

Stasjon : Sauda met  
 Periode : 01.08.11 - 31.08.11  
 Parameter: Gust  
 Enhet : m/s

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	Min	*) Døgn-			A n t a l l		
		middel	Maks	Nobs	99	Null	Peak
010811	0.9	3.3	7.8	24	0	0	0
020811	0.9	3.2	7.8	24	0	0	0
030811	1.9	2.7	5.0	24	0	0	0
040811	1.9	4.0	9.0	24	0	0	0
050811	1.2	3.7	9.0	24	0	0	0
060811	1.9	5.8	8.7	24	0	0	0
070811	2.2	3.7	13.1	24	0	0	0
080811	1.9	4.0	9.3	24	0	0	0
090811	1.2	6.0	11.8	24	0	0	0
100811	1.9	4.8	8.7	24	0	0	0
110811	1.6	3.1	6.5	24	0	0	0
120811	1.2	3.3	5.6	24	0	0	0
130811	1.9	6.8	18.0	24	0	0	0
140811	1.9	5.7	13.7	24	0	0	0
150811	1.2	2.7	5.0	24	0	0	0
160811	1.6	3.6	9.3	24	0	0	0
170811	1.6	2.2	3.4	24	0	0	0
180811	1.6	4.1	8.7	24	0	0	0
190811	1.6	2.8	6.5	24	0	0	0
200811	1.2	2.3	3.7	24	0	0	0
210811	1.2	2.4	5.0	24	0	0	0
220811	1.6	2.5	3.7	24	0	0	0
230811	1.2	2.5	4.0	24	0	0	0
240811	1.6	3.1	5.0	24	0	0	0
250811	0.9	2.7	5.0	24	0	0	0
260811	1.9	3.6	12.1	24	0	0	0
270811	2.5	5.0	15.9	24	0	0	0
280811	1.9	5.8	13.4	24	0	0	0
290811	1.9	5.6	11.8	24	0	0	0
300811	1.6	4.6	9.3	24	0	0	0
310811	0.9	2.8	7.1	24	0	0	0

Midlere minimum måneden : 1.6 m/s  
 Middelvei for måneden : 3.8 m/s  
 Stand.avvik for måneden : 2.5 m/s  
 Midlere maksimum måneden: 8.5 m/s

\*) Døgnet er midlet fra kl 01 - 24

Stasjon : Sauda met  
 Periode : 01.08.11 - 31.08.11  
 Parameter: Gust  
 Enhet : m/s

## MIDLERE DØGNFORDELING

Time	Middel	Stand. avvik	Maks.	Nobs	A n t a l l		
					99	Null	Peak
01	3.0	2.0	11.8	31	0	0	0
02	3.1	2.2	10.6	31	0	0	0
03	3.2	2.0	9.0	31	0	0	0
04	3.1	2.0	7.8	31	0	0	0
05	2.7	1.6	8.7	31	0	0	0
06	2.7	1.4	8.1	31	0	0	0
07	2.8	1.5	8.4	31	0	0	0
08	2.7	1.9	9.3	31	0	0	0
09	2.8	1.7	7.8	31	0	0	0
10	3.0	1.1	5.9	31	0	0	0
11	3.9	2.7	13.4	31	0	0	0
12	3.9	2.4	13.7	31	0	0	0
13	4.2	2.5	13.1	31	0	0	0
14	4.6	2.8	11.8	31	0	0	0
15	4.8	2.3	10.9	31	0	0	0
16	5.0	2.3	10.6	31	0	0	0
17	5.0	2.3	10.9	31	0	0	0
18	5.5	2.8	13.1	31	0	0	0
19	5.2	3.1	15.2	31	0	0	0
20	4.7	2.6	14.0	31	0	0	0
21	4.2	3.2	18.0	31	0	0	0
22	4.5	4.1	17.4	31	0	0	0
23	3.7	2.7	13.4	31	0	0	0
24	3.3	2.5	12.4	31	0	0	0

Stasjon : Sauda met  
 Periode : 01.08.11 - 31.08.11  
 Parameter: Gust  
 Enhet : m/s

## FREKVENSFORDELING I INTERVALLER

Intervall	Antall obs.		Prosent forekomst		
	L-H	<H	L-H	<H	>L
0. - 10.	721	721	96.91	96.91	
10. - 11.	6	727	0.81	97.72	3.09
11. - 12.	4	731	0.54	98.25	2.28
12. - 13.	3	734	0.40	98.66	1.75
13. - 14.	6	740	0.81	99.46	1.34
OVER	4	744	0.54	100.00	0.00



**Vedlegg C**  
**Stabilitetsforhold**



Stasjon : Sauda met  
 Parameter: Temperatur differanse (DT)  
 Enhet : Grader C  
 Periode : 01.04.11 - 31.08.11

STABILITETSKLASSER (%) FORDELT OVER DØGNET

Klasse I: Ustabil DT < -0.5 Grader C  
 Klasse II: Nøytral -0.5 < DT < 0.0 Grader C  
 Klasse III: Lett stabil 0.0 < DT < 0.5 Grader C  
 Klasse IV: Stabil 0.5 < DT Grader C

Time	Klasser			
	I	II	III	IV
01	0.7	20.1	54.5	24.6
02	0.7	17.2	60.4	21.6
03	0.0	19.4	56.7	23.9
04	0.7	19.4	58.2	21.6
05	0.7	22.4	57.5	19.4
06	0.0	32.8	52.2	14.9
07	1.5	47.8	47.8	3.0
08	3.7	67.9	26.9	1.5
09	9.7	71.6	17.9	0.7
10	26.9	60.4	11.9	0.7
11	34.3	58.2	6.7	0.7
12	40.3	52.2	7.5	0.0
13	43.3	50.7	6.0	0.0
14	41.0	52.2	6.7	0.0
15	39.6	51.5	9.0	0.0
16	35.8	54.5	9.0	0.7
17	36.6	51.5	11.2	0.7
18	25.4	59.7	14.9	0.0
19	16.4	61.9	20.1	1.5
20	10.4	53.7	31.3	4.5
21	0.7	44.0	45.5	9.7
22	0.0	23.9	57.5	18.7
23	0.0	19.4	55.2	25.4
24	0.7	17.9	56.7	24.6
Total	15.4	42.9	32.6	9.1

Antall obs : 3216  
 Manglende obs: 456

## Kummulerte stabilitetsklasser (%) fordelt over døgnet

Time	IV	III	II	I
01	24.6	79.1	99.3	100.0
02	21.6	82.1	99.3	100.0
03	23.9	80.6	100.0	100.0
04	21.6	79.9	99.3	100.0
05	19.4	76.9	99.3	100.0
06	14.9	67.2	100.0	100.0
07	3.0	50.7	98.5	100.0
08	1.5	28.4	96.3	100.0
09	0.7	18.7	90.3	100.0
10	0.7	12.7	73.1	100.0
11	0.7	7.5	65.7	100.0
12	0.0	7.5	59.7	100.0
13	0.0	6.0	56.7	100.0
14	0.0	6.7	59.0	100.0
15	0.0	9.0	60.4	100.0
16	0.7	9.7	64.2	100.0
17	0.7	11.9	63.4	100.0
18	0.0	14.9	74.6	100.0
19	1.5	21.6	83.6	100.0
20	4.5	35.8	89.6	100.0
21	9.7	55.2	99.3	100.0
22	18.7	76.1	100.0	100.0
23	25.4	80.6	100.0	100.0
24	24.6	81.3	99.3	100.0



Stasjon : Sauda met  
 Parameter: Temperatur differanse (DT)  
 Enhet : Grader C  
 Periode : 01.04.11 - 30.04.11

STABILITETSKLASSER (%) FORDELT OVER DØGNET

Klasse I: Ustabil DT < -0.5 Grader C  
 Klasse II: Nøytral -0.5 < DT < 0.0 Grader C  
 Klasse III: Lett stabil 0.0 < DT < 0.5 Grader C  
 Klasse IV: Stabil 0.5 < DT Grader C

Time	Klasser			
	I	II	III	IV
01	0.0	6.7	70.0	23.3
02	0.0	0.0	73.3	26.7
03	0.0	0.0	70.0	30.0
04	0.0	0.0	73.3	26.7
05	0.0	0.0	83.3	16.7
06	0.0	3.3	83.3	13.3
07	0.0	10.0	90.0	0.0
08	0.0	50.0	50.0	0.0
09	0.0	63.3	36.7	0.0
10	16.7	53.3	30.0	0.0
11	26.7	50.0	23.3	0.0
12	33.3	43.3	23.3	0.0
13	43.3	36.7	20.0	0.0
14	50.0	33.3	16.7	0.0
15	56.7	26.7	16.7	0.0
16	60.0	20.0	20.0	0.0
17	60.0	13.3	23.3	3.3
18	50.0	23.3	26.7	0.0
19	40.0	30.0	30.0	0.0
20	30.0	30.0	33.3	6.7
21	0.0	50.0	46.7	3.3
22	0.0	16.7	73.3	10.0
23	0.0	13.3	66.7	20.0
24	0.0	10.0	70.0	20.0
Total	19.4	24.3	47.9	8.3

Antall obs : 720  
 Manglende obs: 0

## Kummulerte stabilitetsklasser (%) fordelt over døgnet

Time	IV	III	II	I
01	23.3	93.3	100.0	100.0
02	26.7	100.0	100.0	100.0
03	30.0	100.0	100.0	100.0
04	26.7	100.0	100.0	100.0
05	16.7	100.0	100.0	100.0
06	13.3	96.7	100.0	100.0
07	0.0	90.0	100.0	100.0
08	0.0	50.0	100.0	100.0
09	0.0	36.7	100.0	100.0
10	0.0	30.0	83.3	100.0
11	0.0	23.3	73.3	100.0
12	0.0	23.3	66.7	100.0
13	0.0	20.0	56.7	100.0
14	0.0	16.7	50.0	100.0
15	0.0	16.7	43.3	100.0
16	0.0	20.0	40.0	100.0
17	3.3	26.7	40.0	100.0
18	0.0	26.7	50.0	100.0
19	0.0	30.0	60.0	100.0
20	6.7	40.0	70.0	100.0
21	3.3	50.0	100.0	100.0
22	10.0	83.3	100.0	100.0
23	20.0	86.7	100.0	100.0
24	20.0	90.0	100.0	100.0

Stasjon : Sauda met  
 Parameter: Temperatur differanse (DT)  
 Enhet : Grader C  
 Periode : 01.05.11 - 31.05.11

STABILITETSKLASSER (%) FORDELT OVER DØGNET

Klasse I: Ustabil DT < -0.5 Grader C  
 Klasse II: Nøytral -0.5 < DT < 0.0 Grader C  
 Klasse III: Lett stabil 0.0 < DT < 0.5 Grader C  
 Klasse IV: Stabil 0.5 < DT Grader C

Time	Klasser			
	I	II	III	IV
01	5.6	61.1	27.8	5.6
02	5.6	50.0	33.3	11.1
03	0.0	61.1	22.2	16.7
04	5.6	61.1	33.3	0.0
05	5.6	66.7	27.8	0.0
06	0.0	77.8	22.2	0.0
07	0.0	100.0	0.0	0.0
08	5.6	83.3	11.1	0.0
09	22.2	72.2	5.6	0.0
10	44.4	50.0	5.6	0.0
11	55.6	44.4	0.0	0.0
12	55.6	44.4	0.0	0.0
13	66.7	33.3	0.0	0.0
14	50.0	50.0	0.0	0.0
15	44.4	55.6	0.0	0.0
16	38.9	61.1	0.0	0.0
17	38.9	61.1	0.0	0.0
18	22.2	77.8	0.0	0.0
19	27.8	72.2	0.0	0.0
20	16.7	83.3	0.0	0.0
21	5.6	94.4	0.0	0.0
22	0.0	77.8	22.2	0.0
23	0.0	83.3	16.7	0.0
24	5.6	72.2	22.2	0.0
Total	21.8	66.4	10.4	1.4

Antall obs : 432  
 Manglende obs: 312

## Kummulerte stabilitetsklasser (%) fordelt over døgnet

Time	IV	III	II	I
01	5.6	33.3	94.4	100.0
02	11.1	44.4	94.4	100.0
03	16.7	38.9	100.0	100.0
04	0.0	33.3	94.4	100.0
05	0.0	27.8	94.4	100.0
06	0.0	22.2	100.0	100.0
07	0.0	0.0	100.0	100.0
08	0.0	11.1	94.4	100.0
09	0.0	5.6	77.8	100.0
10	0.0	5.6	55.6	100.0
11	0.0	0.0	44.4	100.0
12	0.0	0.0	44.4	100.0
13	0.0	0.0	33.3	100.0
14	0.0	0.0	50.0	100.0
15	0.0	0.0	55.6	100.0
16	0.0	0.0	61.1	100.0
17	0.0	0.0	61.1	100.0
18	0.0	0.0	77.8	100.0
19	0.0	0.0	72.2	100.0
20	0.0	0.0	83.3	100.0
21	0.0	0.0	94.4	100.0
22	0.0	22.2	100.0	100.0
23	0.0	16.7	100.0	100.0
24	0.0	22.2	94.4	100.0

Stasjon : Sauda met  
 Parameter: Temperatur differanse (DT)  
 Enhet : Grader C  
 Periode : 01.06.11 - 30.06.11

STABILITETSKLASSER (%) FORDELT OVER DØGNET

Klasse I: Ustabil DT < -0.5 Grader C  
 Klasse II: Nøytral -0.5 < DT < 0.0 Grader C  
 Klasse III: Lett stabil 0.0 < DT < 0.5 Grader C  
 Klasse IV: Stabil 0.5 < DT Grader C

Time	Klasser			
	I	II	III	IV
01	0.0	33.3	54.2	12.5
02	0.0	33.3	54.2	12.5
03	0.0	33.3	50.0	16.7
04	0.0	37.5	45.8	16.7
05	0.0	41.7	37.5	20.8
06	0.0	58.3	33.3	8.3
07	8.3	70.8	20.8	0.0
08	8.3	87.5	4.2	0.0
09	16.7	79.2	4.2	0.0
10	33.3	66.7	0.0	0.0
11	45.8	54.2	0.0	0.0
12	45.8	54.2	0.0	0.0
13	37.5	62.5	0.0	0.0
14	41.7	58.3	0.0	0.0
15	37.5	62.5	0.0	0.0
16	29.2	66.7	4.2	0.0
17	29.2	66.7	4.2	0.0
18	25.0	66.7	8.3	0.0
19	16.7	70.8	12.5	0.0
20	0.0	83.3	12.5	4.2
21	0.0	58.3	37.5	4.2
22	0.0	29.2	58.3	12.5
23	0.0	12.5	66.7	20.8
24	0.0	12.5	70.8	16.7
Total	15.6	54.2	24.1	6.1

Antall obs : 576  
 Manglende obs: 144

## Kummulerte stabilitetsklasser (%) fordelt over døgnet

Time	IV	III	II	I
01	12.5	66.7	100.0	100.0
02	12.5	66.7	100.0	100.0
03	16.7	66.7	100.0	100.0
04	16.7	62.5	100.0	100.0
05	20.8	58.3	100.0	100.0
06	8.3	41.7	100.0	100.0
07	0.0	20.8	91.7	100.0
08	0.0	4.2	91.7	100.0
09	0.0	4.2	83.3	100.0
10	0.0	0.0	66.7	100.0
11	0.0	0.0	54.2	100.0
12	0.0	0.0	54.2	100.0
13	0.0	0.0	62.5	100.0
14	0.0	0.0	58.3	100.0
15	0.0	0.0	62.5	100.0
16	0.0	4.2	70.8	100.0
17	0.0	4.2	70.8	100.0
18	0.0	8.3	75.0	100.0
19	0.0	12.5	83.3	100.0
20	4.2	16.7	100.0	100.0
21	4.2	41.7	100.0	100.0
22	12.5	70.8	100.0	100.0
23	20.8	87.5	100.0	100.0
24	16.7	87.5	100.0	100.0

Stasjon : Sauda met  
 Parameter: Temperatur differanse (DT)  
 Enhet : Grader C  
 Periode : 01.07.11 - 31.07.11

STABILITETSKLASSER (%) FORDELT OVER DØGNET

Klasse I: Ustabil DT < -0.5 Grader C  
 Klasse II: Nøytral -0.5 < DT < 0.0 Grader C  
 Klasse III: Lett stabil 0.0 < DT < 0.5 Grader C  
 Klasse IV: Stabil 0.5 < DT Grader C

Time	Klasser			
	I	II	III	IV
01	0.0	16.1	58.1	25.8
02	0.0	16.1	64.5	19.4
03	0.0	19.4	58.1	22.6
04	0.0	16.1	61.3	22.6
05	0.0	19.4	64.5	16.1
06	0.0	35.5	54.8	9.7
07	0.0	61.3	38.7	0.0
08	0.0	80.6	19.4	0.0
09	12.9	77.4	9.7	0.0
10	35.5	54.8	9.7	0.0
11	41.9	54.8	3.2	0.0
12	45.2	51.6	3.2	0.0
13	48.4	48.4	3.2	0.0
14	38.7	48.4	12.9	0.0
15	35.5	48.4	16.1	0.0
16	32.3	54.8	9.7	3.2
17	41.9	45.2	12.9	0.0
18	19.4	67.7	12.9	0.0
19	3.2	77.4	19.4	0.0
20	3.2	61.3	29.0	6.5
21	0.0	38.7	48.4	12.9
22	0.0	19.4	51.6	29.0
23	0.0	12.9	54.8	32.3
24	0.0	16.1	54.8	29.0
Total	14.9	43.4	32.1	9.5

Antall obs : 744  
 Manglende obs: 0

## Kummulerte stabilitetsklasser (%) fordelt over døgnet

Time	IV	III	II	I
01	25.8	83.9	100.0	100.0
02	19.4	83.9	100.0	100.0
03	22.6	80.6	100.0	100.0
04	22.6	83.9	100.0	100.0
05	16.1	80.6	100.0	100.0
06	9.7	64.5	100.0	100.0
07	0.0	38.7	100.0	100.0
08	0.0	19.4	100.0	100.0
09	0.0	9.7	87.1	100.0
10	0.0	9.7	64.5	100.0
11	0.0	3.2	58.1	100.0
12	0.0	3.2	54.8	100.0
13	0.0	3.2	51.6	100.0
14	0.0	12.9	61.3	100.0
15	0.0	16.1	64.5	100.0
16	3.2	12.9	67.7	100.0
17	0.0	12.9	58.1	100.0
18	0.0	12.9	80.6	100.0
19	0.0	19.4	96.8	100.0
20	6.5	35.5	96.8	100.0
21	12.9	61.3	100.0	100.0
22	29.0	80.6	100.0	100.0
23	32.3	87.1	100.0	100.0
24	29.0	83.9	100.0	100.0



Stasjon : Sauda met  
 Parameter: Temperatur differanse (DT)  
 Enhet : Grader C  
 Periode : 01.08.11 - 31.08.11

STABILITETSKLASSER (%) FORDELT OVER DØGNET

Klasse I: Ustabil DT < -0.5 Grader C  
 Klasse II: Nøytral -0.5 < DT < 0.0 Grader C  
 Klasse III: Lett stabil 0.0 < DT < 0.5 Grader C  
 Klasse IV: Stabil 0.5 < DT Grader C

Time	Klasser			
	I	II	III	IV
01	0.0	3.2	51.6	45.2
02	0.0	3.2	64.5	32.3
03	0.0	3.2	67.7	29.0
04	0.0	3.2	64.5	32.3
05	0.0	6.5	58.1	35.5
06	0.0	12.9	51.6	35.5
07	0.0	22.6	64.5	12.9
08	6.5	48.4	38.7	6.5
09	3.2	67.7	25.8	3.2
10	12.9	74.2	9.7	3.2
11	12.9	80.6	3.2	3.2
12	29.0	64.5	6.5	0.0
13	29.0	67.7	3.2	0.0
14	29.0	71.0	0.0	0.0
15	25.8	67.7	6.5	0.0
16	19.4	74.2	6.5	0.0
17	12.9	77.4	9.7	0.0
18	9.7	71.0	19.4	0.0
19	0.0	64.5	29.0	6.5
20	3.2	29.0	64.5	3.2
21	0.0	3.2	74.2	22.6
22	0.0	0.0	67.7	32.3
23	0.0	0.0	58.1	41.9
24	0.0	0.0	54.8	45.2
Total	8.1	38.2	37.5	16.3

Antall obs : 744  
 Manglende obs: 0

## Kummulerte stabilitetsklasser (%) fordelt over døgnet

Time	IV	III	II	I
01	45.2	96.8	100.0	100.0
02	32.3	96.8	100.0	100.0
03	29.0	96.8	100.0	100.0
04	32.3	96.8	100.0	100.0
05	35.5	93.5	100.0	100.0
06	35.5	87.1	100.0	100.0
07	12.9	77.4	100.0	100.0
08	6.5	45.2	93.5	100.0
09	3.2	29.0	96.8	100.0
10	3.2	12.9	87.1	100.0
11	3.2	6.5	87.1	100.0
12	0.0	6.5	71.0	100.0
13	0.0	3.2	71.0	100.0
14	0.0	0.0	71.0	100.0
15	0.0	6.5	74.2	100.0
16	0.0	6.5	80.6	100.0
17	0.0	9.7	87.1	100.0
18	0.0	19.4	90.3	100.0
19	6.5	35.5	100.0	100.0
20	3.2	67.7	96.8	100.0
21	22.6	96.8	100.0	100.0
22	32.3	100.0	100.0	100.0
23	41.9	100.0	100.0	100.0
24	45.2	100.0	100.0	100.0

**Vedlegg D**  
**Vind og stabilitet**



Variabel 4 er testet på AWS-vindretning, 1000-data er tatt med.

Variabel 4 er testet på vindretning; Retning 0= 360.

Variabel 4 er testet på AWS-vindretning, 1000-data er tatt med.

Variabel 4 er testet på vindretning; Retning 0= 360.

Variabel 4 er testet på AWS-vindretning, 1000-data er tatt med.

Variabel 4 er testet på vindretning; Retning 0= 360.

Variabel 4 er testet på AWS-vindretning, 1000-data er tatt med.

Variabel 4 er testet på vindretning; Retning 0= 360.

Variabel 4 er testet på AWS-vindretning, 1000-data er tatt med.

Variabel 4 er testet på vindretning; Retning 0= 360.

Delta T : Sauda met  
 Vind : Sauda met  
 Periode : 01.04.11 - 31.08.11  
 Enhet : Prosent

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Klasse I: Ustabil DT < -0.5 Grader C  
 Klasse II: Nøytral -0.5 < DT < 0.0 Grader C  
 Klasse III: Lett stabil 0.0 < DT < 0.5 Grader C  
 Klasse IV: Stabil 0.5 < DT Grader C

Vindstille: U mindre eller lik 0.4 m/s

Vind- retning	0.0- 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	0.2	0.9	0.2	0.1	0.6	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	2.4
60	0.2	2.0	1.5	0.1	0.5	0.4	0.3	0.0	0.0	0.3	0.1	0.1	0.0	0.0	0.2	0.0	5.8
90	0.3	5.1	8.1	3.1	0.3	0.4	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2
120	0.2	3.3	10.5	4.6	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0
150	0.0	1.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
180	0.1	1.1	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
210	1.0	4.4	1.9	0.2	0.1	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5
240	4.5	9.6	1.3	0.1	3.1	4.0	1.2	0.0	0.9	1.5	0.1	0.0	0.1	0.5	0.1	0.0	27.1
270	0.4	2.0	0.7	0.1	0.9	1.5	0.4	0.0	0.5	0.6	0.2	0.0	0.0	0.2	0.0	0.0	7.5
300	0.2	0.4	0.3	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
330	0.1	0.3	0.2	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
360	0.4	0.6	0.1	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
Stille	0.1	1.7	0.8	0.0													2.6
Total	7.7	32.6	27.9	8.7	6.4	7.1	3.3	0.5	1.5	2.4	0.5	0.1	0.1	0.7	0.4	0.0	100.0

Forekomst	76.9 %	17.3 %	4.5 %	1.3 %
Vindstyrke	1.1 m/s	2.8 m/s	4.8 m/s	7.1 m/s

## Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	15.7 %	42.8 %	32.2 %	9.3 %	100.0 %

Antall obs. : 3114  
Manglende obs.: 558





# **Vedlegg E**

## **Temperaturdata**



Stasjon : Sauda met  
 Periode : 01.04.11 - 31.08.11  
 Parameter: TEMPERATUR  
 Enhet : GRADER C

## MIDDEL-, MAKSIMUM- OG MINIMUMVERDIER

Måned	Nobs	Tmidl	Maks			Min			Midlere	
			T	Dag	Kl	T	Dag	Kl	Tmaks	Tmin
Apr 2011	6	4.3	8.1	* 4	15	-10.3	3	04	7.1	1.2
Mai 2011	0	0.0	0.0	0	00	0.0	0	00	0.0	0.0
Jun 2011	25	13.1	21.0	16	15	6.4	16	05	16.0	10.4
Jul 2011	31	16.1	24.8	14	17	8.2	*13	05	19.7	13.0
Aug 2011	31	14.7	23.2	3	17	6.4	11	05	18.1	11.5

## FOREKOMST INNEN GITTE GRENSER

Måned	T <-20.0		T <-15.0		T <-10.0		T < -5.0	
	Døgn	Timer	Døgn	Timer	Døgn	Timer	Døgn	Timer
Apr 2011	0	0	0	0	1	2	1	7
Mai 2011	0	0	0	0	0	0	0	0
Jun 2011	0	0	0	0	0	0	0	0
Jul 2011	0	0	0	0	0	0	0	0
Aug 2011	0	0	0	0	0	0	0	0

Stasjon : Sauda met  
 Periode : 01.04.11 - 31.08.11  
 Parameter: TEMPERATUR  
 Enhhet : GRADER C

## MIDLERE MÅNEDSVIS DØGNFORDELING

Måned: Apr 2011	Klokkeslett								
	01	04	07	10	13	16	19	22	
Middelverdi	2.9	1.8	3.4	4.6	3.7	6.7	4.9	5.3	
Stand.avvik	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Nobs	( 6)	( 6)	( 6)	( 6)	( 6)	( 6)	( 6)	( 5)	(139)
Måned: Mai 2011	Klokkeslett								
	01	04	07	10	13	16	19	22	
Middelverdi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Stand.avvik	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Nobs	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
Måned: Jun 2011	Klokkeslett								
	01	04	07	10	13	16	19	22	
Middelverdi	11.5	11.0	11.5	12.6	14.4	15.3	15.0	13.5	
Stand.avvik	1.7	2.0	1.6	1.6	2.2	2.5	2.4	1.8	
Nobs	(24)	(24)	(24)	(24)	(24)	(25)	(25)	(25)	(587)
Måned: Jul 2011	Klokkeslett								
	01	04	07	10	13	16	19	22	
Middelverdi	14.1	13.6	14.0	15.8	17.9	18.8	18.4	16.2	
Stand.avvik	1.8	2.1	2.0	1.6	2.1	2.4	2.6	1.8	
Nobs	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)
Måned: Aug 2011	Klokkeslett								
	01	04	07	10	13	16	19	22	
Middelverdi	13.2	12.7	12.2	14.5	16.2	17.2	17.2	14.5	
Stand.avvik	2.3	3.0	2.7	1.9	2.4	2.8	2.8	2.2	
Nobs	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)

## **Vedlegg F**

### **Svevestøv**



Stasjon : Søndenaia (saud)  
 Periode : 01.04.11 - 30.04.11  
 Parameter: PM10  
 Enhet : ug/m3

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	Min	*) Døgn-		Nobs	A n t a l l		
		middel	Maks		99	Null	Peak
010411	2.0	19.5	46.0	24	0	0	0
020411	0.0	21.2	64.0	24	0	1	1
030411	1.0	11.9	32.0	24	0	0	0
040411	2.0	18.1	38.0	24	0	0	0
050411	0.0	14.0	32.0	24	0	1	1
060411	1.0	8.2	17.0	24	0	0	0
070411	2.0	15.3	36.0	24	0	0	0
080411	1.0	18.0	48.0	24	0	0	0
090411	3.0	25.1	68.0	23	1	0	0
100411	1.0	27.5	65.0	24	0	0	0
110411	1.0	44.8	107.0	24	0	0	0
120411	0.0	12.6	42.0	24	0	3	3
130411	4.0	26.2	56.0	24	0	0	0
140411	3.0	38.8	81.0	24	0	0	0
150411	0.0	14.5	43.0	24	0	1	1
160411	9.0	18.6	39.0	24	0	0	0
170411	0.0	8.0	28.0	24	0	2	2
180411	4.0	18.4	57.0	24	0	0	0
190411	0.0	29.0	66.0	24	0	2	2
200411	4.0	37.1	86.0	24	0	0	0
210411	4.0	43.0	73.0	24	0	0	0
220411	6.0	29.2	49.0	24	0	0	0
230411	9.0	26.2	54.0	24	0	0	0
240411	0.0	22.1	47.0	24	0	1	1
250411	7.0	24.0	52.0	24	0	0	0
260411	0.0	12.2	29.0	24	0	1	1
270411	6.0	20.8	51.0	24	0	0	0
280411	9.0	31.1	80.0	16	8	0	0
290411	8.0	39.4	125.0	24	0	0	0
300411	8.0	23.6	81.0	24	0	0	0

Midlere minimum måneden : 3.2 ug/m3  
 Middelerdi for måneden : 23.2 ug/m3  
 Stand.avvik for måneden : 18.6 ug/m3  
 Midlere maksimum måneden: 56.4 ug/m3

\*) Døgnnet er midlet fra kl 01 - 24

Stasjon : Søndenaia (saud)  
 Periode : 01.05.11 - 31.05.11  
 Parameter: PM10  
 Enhet : ug/m3

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	Min	*)Døgn-			A n t a l l		
		midde l	Maks	Nobs	99	Null	Peak
010511	0.0	17.0	32.0	24	0	1	1
020511	0.0	9.3	23.0	24	0	2	2
030511	1.0	11.8	27.0	24	0	0	0
040511	0.0	12.2	28.0	24	0	1	1
050511	7.0	18.3	31.0	24	0	0	0
060511	2.0	15.6	37.0	24	0	0	0
070511	0.0	21.8	71.0	24	0	1	1
080511	0.0	11.7	27.0	24	0	2	2
090511	0.0	12.8	35.0	24	0	1	1
100511	1.0	29.3	52.0	24	0	0	0
110511	5.0	24.2	48.0	24	0	0	0
120511	0.0	27.5	243.0	24	0	3	3
130511	0.0	8.5	19.0	24	0	1	1
140511	3.0	11.5	27.0	24	0	0	0
150511	0.0	9.4	21.0	24	0	1	1
160511	4.0	10.0	19.0	24	0	0	0
170511	0.0	5.5	16.0	24	0	4	4
180511	1.0	15.8	67.0	24	0	0	0
190511	0.0	20.6	46.0	24	0	1	1
200511	4.0	22.5	49.0	24	0	0	0
210511	0.0	15.4	38.0	24	0	1	1
220511	1.0	16.3	36.0	24	0	0	0
230511	0.0	20.9	72.0	24	0	2	2
240511	1.0	94.4	350.0	24	0	0	0
250511	0.0	9.8	19.0	24	0	2	2
260511	0.0	17.8	54.0	24	0	1	1
270511	1.0	10.2	23.0	24	0	0	0
280511	0.0	10.5	30.0	24	0	2	2
290511	0.0	10.2	28.0	24	0	1	1
300511	1.0	15.2	34.0	24	0	0	0
310511	0.0	10.0	30.0	24	0	3	3

Midlere minimum måneden : 1.0 ug/m3  
 Middelve rdi for måneden : 17.6 ug/m3  
 Stand.avvik for måneden : 28.5 ug/m3  
 Midlere maksimum måneden: 52.6 ug/m3

\*) Døgnet er midlet fra kl 01 - 24



Stasjon : Søndenaia (saud)  
 Periode : 01.06.11 - 30.06.11  
 Parameter: PM10  
 Enhet : ug/m3

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	*) Døgn-			Nobs	A n t a l l		
	Min	midde l	Maks		99	Null	Peak
010611	1.0	16.2	33.0	24	0	0	0
020611	0.0	5.8	14.0	24	0	2	2
030611	4.0	16.5	31.0	24	0	0	0
040611	0.0	10.1	25.0	24	0	1	1
050611	0.0	15.8	34.0	24	0	2	2
060611	3.0	21.0	43.0	24	0	0	0
070611	2.0	11.3	29.0	24	0	0	0
080611	0.0	27.7	59.0	24	0	1	1
090611	0.0	16.9	72.0	24	0	2	2
100611	8.0	48.0	391.0	24	0	0	0
110611	3.0	15.0	42.0	24	0	0	0
120611	0.0	15.6	54.0	24	0	3	3
130611	1.0	17.7	103.0	24	0	0	0
140611	1.0	11.5	43.0	24	0	0	0
150611	0.0	11.8	40.0	24	0	2	2
160611	0.0	17.1	121.0	24	0	1	1
170611	2.0	15.3	35.0	24	0	0	0
180611	3.0	25.5	76.0	24	0	0	0
190611	0.0	20.0	73.0	24	0	1	1
200611	1.0	20.7	55.0	24	0	0	0
210611	0.0	16.4	65.0	24	0	1	1
220611	2.0	20.5	90.0	24	0	0	0
230611	6.0	19.0	60.0	24	0	0	0
240611	0.0	8.6	23.0	24	0	2	2
250611	0.0	8.5	29.0	24	0	1	1
260611	0.0	26.0	92.0	24	0	1	1
270611	5.0	32.9	79.0	24	0	0	0
280611	5.0	29.9	72.0	24	0	0	0
290611	1.0	21.7	75.0	24	0	0	0
300611	0.0	24.7	133.0	24	0	2	2

Midlere minimum måneden : 1.6 ug/m3  
 Middelerdi for måneden : 18.9 ug/m3  
 Stand.avvik for måneden : 24.3 ug/m3  
 Midlere maksimum måneden: 69.7 ug/m3

\*) Døgnnet er midlet fra kl 01 - 24

Stasjon : Søndenaia (saud)  
 Periode : 01.07.11 - 31.07.11  
 Parameter: PM10  
 Enhet : ug/m3

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	*) Døgn-			Nobs	A n t a l l		
	Min	midde l	Maks		99	Null	Peak
010711	1.0	9.1	29.0	24	0	0	0
020711	2.0	16.1	29.0	24	0	0	0
030711	0.0	8.0	21.0	24	0	3	3
040711	0.0	18.3	129.0	24	0	3	3
050711	2.0	25.6	84.0	24	0	0	0
060711	0.0	51.1	375.0	24	0	1	1
070711	0.0	29.4	145.0	24	0	1	1
080711	7.0	33.4	120.0	24	0	0	0
090711	0.0	23.2	144.0	24	0	1	1
100711	3.0	21.0	67.0	24	0	0	0
110711	0.0	8.6	19.0	24	0	2	2
120711	0.0	17.0	105.0	24	0	2	2
130711	0.0	13.0	32.0	24	0	1	1
140711	0.0	20.6	86.0	24	0	1	1
150711	0.0	12.5	34.0	24	0	1	1
160711	0.0	11.0	27.0	24	0	2	2
170711	0.0	7.1	16.0	24	0	2	2
180711	0.0	7.6	16.0	24	0	2	2
190711	0.0	9.1	23.0	24	0	1	1
200711	0.0	11.8	29.0	24	0	1	1
210711	0.0	9.4	20.0	24	0	1	1
220711	0.0	23.4	217.0	24	0	1	1
230711	1.0	12.7	65.0	24	0	0	0
240711	0.0	25.5	160.0	24	0	3	3
250711	1.0	10.9	29.0	24	0	0	0
260711	0.0	20.4	190.0	24	0	2	2
270711	0.0	8.4	23.0	24	0	1	1
280711	2.0	7.9	39.0	24	0	0	0
290711	2.0	9.5	29.0	24	0	0	0
300711	5.0	12.6	32.0	24	0	0	0
310711	2.0	12.9	32.0	24	0	0	0

Midlere minimum måneden : 0.9 ug/m3  
 Middelve rdi for måneden : 16.3 ug/m3  
 Stand.avvik for måneden : 25.5 ug/m3  
 Midlere maksimum måneden: 76.3 ug/m3

\*) Døgnet er midlet fra kl 01 - 24

Stasjon : Søndenaia (saud)  
 Periode : 01.08.11 - 31.08.11  
 Parameter: PM10  
 Enhet : ug/m3

## DØGNLIGE MINIMUM, MIDDEL- OG MAKSIMUMVERDIER

Dato	*) Døgn-			Nobs	A n t a l l		
	Min	middel	Maks		99	Null	Peak
010811	0.0	29.8	117.0	24	0	2	2
020811	0.0	25.8	86.0	24	0	3	3
030811	1.0	26.3	73.0	24	0	0	0
040811	2.0	16.0	56.0	24	0	0	0
050811	0.0	35.1	151.0	24	0	4	4
060811	0.0	14.0	66.0	24	0	2	2
070811	0.0	13.1	33.0	24	0	3	3
080811	0.0	6.8	18.0	24	0	4	4
090811	0.0	15.9	141.0	24	0	6	6
100811	0.0	5.7	27.0	24	0	3	3
110811	0.0	12.8	49.0	24	0	1	1
120811	0.0	9.2	34.0	24	0	5	5
130811	0.0	7.5	31.0	24	0	1	1
140811	0.0	5.7	12.0	24	0	4	4
150811	0.0	15.3	111.0	24	0	3	3
160811	0.0	17.0	89.0	24	0	1	1
170811	0.0	19.1	42.0	24	0	1	1
180811	2.0	10.9	24.0	24	0	0	0
190811	2.0	10.0	22.0	24	0	0	0
200811	1.0	10.9	25.0	24	0	0	0
210811	7.0	12.7	27.0	24	0	0	0
220811	0.0	15.4	39.0	24	0	1	1
230811	0.0	16.0	43.0	24	0	1	1
240811	0.0	7.8	22.0	24	0	1	1
250811	0.0	14.7	38.0	24	0	2	2
260811	0.0	22.3	145.0	24	0	1	1
270811	0.0	11.3	19.0	24	0	1	1
280811	0.0	20.1	158.0	24	0	9	9
290811	0.0	5.7	16.0	24	0	3	3
300811	0.0	8.4	23.0	24	0	1	1
310811	0.0	7.5	16.0	24	0	1	1

Midlere minimum måneden : 0.5 ug/m3  
 Middelerdi for måneden : 14.5 ug/m3  
 Stand.avvik for måneden : 19.9 ug/m3  
 Midlere maksimum måneden: 56.5 ug/m3

\*) Døgnet er midlet fra kl 01 - 24

Midlere minimum hele perioden: 1.4 ug/m3  
 Middelerdi for hele perioden: 18.1 ug/m3  
 Stand.avvik for hele perioden: 23.9 ug/m3  
 Midlere maksimum hele perioden: 62.3 ug/m3

\*) Døgnet er midlet fra kl 01 - 24

Stasjon : Søndenaia (saud)  
 Periode : 01.04.11 - 31.08.11  
 Parameter: PM10  
 Enhet : ug/m3

## MIDLERE DØGNFORDELING

Time	Middel	Stand. avvik	Maks.	Nobs	A n t a l l		
					99	Null	Peak
01	14.4	11.5	57.0	152	1	2	2
02	9.8	9.4	65.0	152	1	3	3
03	10.3	9.0	54.0	152	1	6	6
04	10.2	8.6	60.0	152	1	3	3
05	10.8	8.2	50.0	152	1	3	3
06	10.8	9.0	46.0	152	1	5	5
07	11.6	12.0	71.0	152	1	12	12
08	13.1	18.1	144.0	152	1	13	13
09	14.7	18.9	121.0	152	1	25	25
10	20.2	24.2	141.0	153	0	12	12
11	22.9	25.7	151.0	153	0	11	11
12	25.3	25.4	160.0	153	0	9	9
13	28.8	32.2	217.0	153	0	6	6
14	26.2	38.4	391.0	153	0	6	6
15	23.1	36.9	299.0	153	0	6	6
16	20.6	28.0	292.0	153	0	6	6
17	21.3	31.8	273.0	153	0	10	10
18	20.5	25.4	228.0	153	0	6	6
19	22.0	41.9	375.0	153	0	3	3
20	21.3	25.9	238.0	153	0	3	3
21	24.4	23.9	193.0	153	0	3	3
22	19.2	13.4	71.0	153	0	3	3
23	16.3	10.0	55.0	153	0	3	3
24	15.1	10.2	75.0	153	0	1	1

Stasjon : Søndenaia (saud)  
 Periode : 01.04.11 - 31.08.11  
 Parameter: PM10  
 Enhet : ug/m3

## FREKVENSFORDELING I INTERVALLER

Intervall	Antall obs.		Prosent forekomst			
	L - H	L-H	<H	L-H	<H	>L
0. - 10.	1585	1585	43.27	43.27		
10. - 20.	1049	2634	28.64	71.91	56.73	
20. - 25.	286	2920	7.81	79.72	28.09	
25. - 50.	561	3481	15.32	95.03	20.28	
50. - 75.	113	3594	3.08	98.12	4.97	
75. - 100.	26	3620	0.71	98.83	1.88	
100. - 125.	17	3637	0.46	99.29	1.17	
125. - 150.	10	3647	0.27	99.56	0.71	
150. - 200.	5	3652	0.14	99.70	0.44	
200. - 250.	4	3656	0.11	99.81	0.30	
250. - 500.	7	3663	0.19	100.00	0.19	
OVER	500.	0	3663	0.00	100.00	0.00

**Vedlegg G**  
**Metallanalyse**



## Analyser

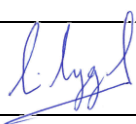
<b>Prosjektnr:</b>		<b>O- 108070</b>	
<b>Prøve ID</b>	<b>Dato</b>	<b>Kons. Hg</b>	<b>Enhet</b>
Sauda 2011			
Sauda	1-2/4- 2011	3,68	pg/m3
Sauda	4-5/4	7,11	pg/m3
Sauda	7-8/4	3,57	pg/m3
Sauda	10-11/4	5,92	pg/m3
Sauda	13-14/4	9,77	pg/m3
Sauda	16-17/4	2,38	pg/m3
Sauda	19-20/4	9,90	pg/m3
Sauda	22-23/4	5,17	pg/m3
Sauda	28-29/4	8,06	pg/m3
Sauda	1-2/5	3,41	pg/m3
Sauda	4-5/5	2,94	pg/m3
Sauda	7-8/5	4,13	pg/m3
Sauda	10-11/5	3,89	pg/m3
Sauda	13-14/5	1,62	pg/m3
Sauda	16-17/5	5,78	pg/m3
Sauda	19-20/5	2,59	pg/m3
Sauda	22-23/5	3,78	pg/m3
Sauda	25-26/5	3,60	pg/m3
Sauda	28-29/5	1,91	pg/m3
Sauda	3-4/6	6,67	pg/m3
Sauda	6-7/6	7,31	pg/m3
Sauda	9-10/6	4,99	pg/m3
Sauda	12-13/6	<0,05	pg/m3
Sauda	15-16/6	8,31	pg/m3
Sauda	18-19-6	3,21	pg/m3
Sauda	21-22/6	5,69	pg/m3
Sauda	24-25/6	1,70	pg/m3
Sauda	27-28/6	6,44	pg/m3
Sauda	30/6-1/7	3,46	pg/m3
Sauda	6-7/7	7,80	pg/m3
Sauda	12-13/7	12,61	pg/m3
Sauda	15-16/7	6,11	pg/m3
Sauda	18-19/7	2,99	pg/m3
Sauda	21-22/7	4,46	pg/m3
Sauda	27-28/7	3,12	pg/m3
Sauda	2-3/8	3,42	pg/m3
Sauda	5-6/8	2,87	pg/m3
Sauda	8-9/8	3,15	pg/m3
Sauda	11-12/8	4,69	pg/m3
Sauda	17-18/8	11,34	pg/m3
Sauda	20-21/8	4,52	pg/m3
Sauda	23-24/8	9,92	pg/m3
Sauda	26-27/8	7,96	pg/m3
Sauda	29-30/8	4,66	pg/m3

				52 Cr [He]	55 Mn [He]	59 Co [He]	60 Ni [He]	63 Cu [He]	66 Zn [He]	75 As [He]	95 Mo [He]	111 Cd [He]	208 Pb [No Gas]
Fradato	Tildato	Utv_vol	Luftvol	ng/m3	ng/m3	ng/m3	ng/m3	ng/m3	ng/m3	ng/m3	ng/m3	ng/m3	ng/m3
01.04.11	02.04.11	36	55,17	1,907	684,8	0,881	1,244	1,724	18,820	0,477	0,102	0,144	7,717
04.04.11	05.04.11	36	55,16	-1,123	446,6	0,372	-0,538	0,745	6,891	0,223	0,053	0,093	4,143
07.04.11	08.04.11	35	55,17	-1,092	267,5	0,118	-0,523	0,302	11,794	0,098	-0,015	0,068	4,552
10.04.11	11.04.11	36	55,17	3,510	835,5	0,944	1,960	2,240	32,149	0,664	0,075	0,455	9,872
13.04.11	14.04.11	35	55,17	3,005	1088,3	1,365	1,927	2,345	13,176	0,340	0,098	0,066	5,344
16.04.11	17.04.11	35	55,17	-1,092	48,8	0,038	0,648	0,621	7,788	0,391	-0,015	0,117	1,398
19.04.11	20.04.11	35	55,17	2,683	1459,0	1,740	2,763	3,616	25,992	0,776	0,123	0,125	8,952
22.04.11	23.04.11	36	55,18	2,746	1695,6	2,051	2,852	3,200	19,116	0,437	0,211	0,135	4,416
28.04.11	29.04.11	35	55,17	2,050	598,1	0,642	1,708	3,290	23,412	0,656	0,242	0,150	9,055
01.05.11	02.05.11	35	55,17	1,363	501,6	0,359	1,044	0,995	9,878	0,289	0,065	0,063	3,134
04.05.11	05.05.11	35	55,18	1,343	558,8	0,571	1,213	1,281	11,272	0,280	0,020	0,051	2,841
07.05.11	08.05.11	35	55,17	-1,092	216,4	0,164	0,557	2,130	14,074	0,306	0,155	0,093	5,622
10.05.11	11.05.11	38	55,17	-1,185	223,2	0,156	-0,568	1,683	17,513	0,485	0,086	0,130	3,875
13.05.11	14.05.11	35	55,17	-1,092	246,8	0,190	-0,523	0,479	5,493	0,146	0,015	0,036	1,802
19.05.11	20.04.11	36	55,16	1,553	785,2	0,820	1,243	1,061	14,165	0,232	-0,015	0,044	5,981
22.05.11	23.05.11	35	55,17	-1,092	154,7	0,122	0,656	0,858	5,657	0,156	0,031	0,041	2,553
25.05.11	26.05.11	35	55,17	1,604	229,3	0,181	0,998	0,573	9,478	0,171	-0,015	0,032	2,544
28.05.11	29.05.11	37	55,17	-1,154	230,7	0,115	0,579	0,723	29,357	0,187	-0,015	0,055	8,812
03.06.11	04.06.11	35	55,17	3,706	1427,8	0,978	2,377	1,521	37,064	1,000	0,028	0,053	13,538
06.06.11	07.06.11	35	55,16	-1,092	393,2	0,261	1,025	1,180	20,504	0,508	0,038	0,154	7,355
09.06.11	10.06.11	35	55,18	-1,091	414,2	0,636	1,114	1,244	29,042	0,838	0,037	0,034	1,205
12.06.11	13.06.11	35	55,17	-1,092	203,2	0,118	-0,523	0,535	14,457	0,275	0,054	0,052	5,537



				52 Cr [He]	55 Mn [He]	59 Co [He]	60 Ni [He]	63 Cu [He]	66 Zn [He]	75 As [He]	95 Mo [He]	111 Cd [He]	208 Pb [No Gas]
Fradato	Tildato	Utv_vol	Luftvol	ng/m3	ng/m3	ng/m3	ng/m3	ng/m3	ng/m3	ng/m3	ng/m3	ng/m3	ng/m3
15.06.11	16.06.11	35	55,17	-1,092	637,4	0,554	0,857	1,074	19,541	0,455	0,062	1,103	6,033
18.06.11	19.06.11	35	55,17	-1,092	227,8	0,184	-0,523	0,564	8,576	0,283	0,027	0,040	4,333
21.06.11	22.06.11	35	55,17	-1,092	781,1	0,895	1,480	1,221	22,470	0,232	0,018	0,071	6,311
24.06.11	25.06.11	35	55,17	-1,092	411,8	0,357	0,556	0,564	7,617	0,205	-0,146	0,030	1,586
27.06.11	28.06.11	35	55,17	1,630	1357,9	0,856	1,341	1,789	21,272	1,137	0,143	0,205	25,064
30.06.11	31.06.11	35	55,17	-1,092	242,1	0,228	-0,523	0,647	-2,703	0,176	0,038	0,260	1,338
06.07.11	07.07.11	35	55,17	2,609	1710,0	1,445	1,918	1,919	12,627	0,427	0,107	0,089	5,341
12.07.11	13.07.11	35	55,17	-1,092	452,0	0,472	-0,523	0,610	2,731	0,230	0,031	0,017	1,938
15.07.11	16.07.11	35	55,18	-1,091	945,3	0,945	0,871	1,446	28,089	0,622	0,070	0,077	9,195
18.07.11	19.07.11	35	55,17	1,236	202,2	0,116	0,705	0,395	18,287	0,133	0,034	0,031	4,025
21.07.11	22.07.11	35	55,17	1,491	530,9	0,512	1,243	0,647	9,088	0,226	0,036	0,014	4,382
27.07.11	28.07.11	35	55,17	-1,092	259,1	0,241	-0,523	0,596	7,857	0,219	0,029	0,045	10,295
02.08.11	03.08.11	35	55,17	1,506	604,0	0,528	1,113	0,977	5,303	0,339	0,208	0,042	3,999
05.08.11	06.08.11	35	55,17	-1,092	1548,7	1,451	1,495	1,581	20,435	0,474	0,092	0,076	18,023
08.08.11	09.08.11	35	55,17	-1,092	383,3	0,281	-0,523	0,456	3,752	0,247	0,024	0,017	3,242
11.08.11	12.08.11	36	55,17	1,764	1276,9	1,050	1,421	2,529	10,844	0,303	0,069	0,070	5,447
17.08.11	18.08.11	35	55,16	2,532	2144,9	2,201	2,141	2,434	29,104	0,608	0,139	0,183	18,401
20.08.11	21.08.11	35	55,17	-1,092	241,6	0,090	-0,523	0,951	4,950	0,353	0,040	0,037	2,911
23.08.11	24.08.11	35	55,17	3,023	2107,9	2,015	2,418	1,673	10,090	0,471	0,082	0,039	7,866
26.08.11	27.08.11	35	55,17	1,869	1511,8	2,242	2,207	2,276	20,754	0,610	0,130	0,110	10,179
29.08.11	30.08.11	35	55,17	-1,092	477,5	0,445	-0,523	0,980	3,260	0,149	0,039	0,012	1,686



RAPPORTTYPE OPPDRAKSRAFFORT	RAPPORT NR. OR 2/2012	ISBN: 978-82-425-2475-1 (trykt) 978-82-425-2476-8 (elektronisk) ISSN: 0807-7207	
DATO 9/2-2012	ANSV. SIGN. 	ANT. SIDER 151	PRIS NOK 150,-
TITTEL Målinger av meteorologi og luftkvalitet i Sauda april– august 2011		PROSJEKTLÉDER Ivar Haugsbakk	
		NILU PROSJEKT NR. O-108070	
FORFATTER(E) Ivar Haugsbakk		TILGJENGELIGHET * A	
		OPPDRAKS GIVERS REF. Jostein Overskeid	
KVALITETSSIKRER: Dag Tønnesen			
OPPDRAKS GIVER Sauda Kommune Rådhusgata 32 Postboks 44 4201 SAUDA			
STIKKORD Meteorologi	Metallanalyse	Luftkvalitet	
REFERAT NILU har målt døgnet meteorologi og luftkvalitet i Sauda kommune i perioden 01.04.-31.08.2011. I tillegg er det foretatt filteranalyser for innhold av metaller.			
TITLE Monitoring meteorological and air quality parameters in Sauda during the period of 01.04-31.08.2011.			
ABSTRACT NILU has carried out a monitoring program regarding meteorology and air quality in Sauda during the periode 01.04.-31.08.2011. Filters have been investigated regarding several metallic compounds.			

\* Kategorier  
A Åpen – kan bestilles fra NILU  
B Begrenset distribusjon  
C Kan ikke utleveres

REFERANSE: O-108070  
DATO: FEBRUAR 2012  
ISBN: 978-82-425-2475-1 (trykt)  
978-82-425-2476-8 (elektronisk)

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