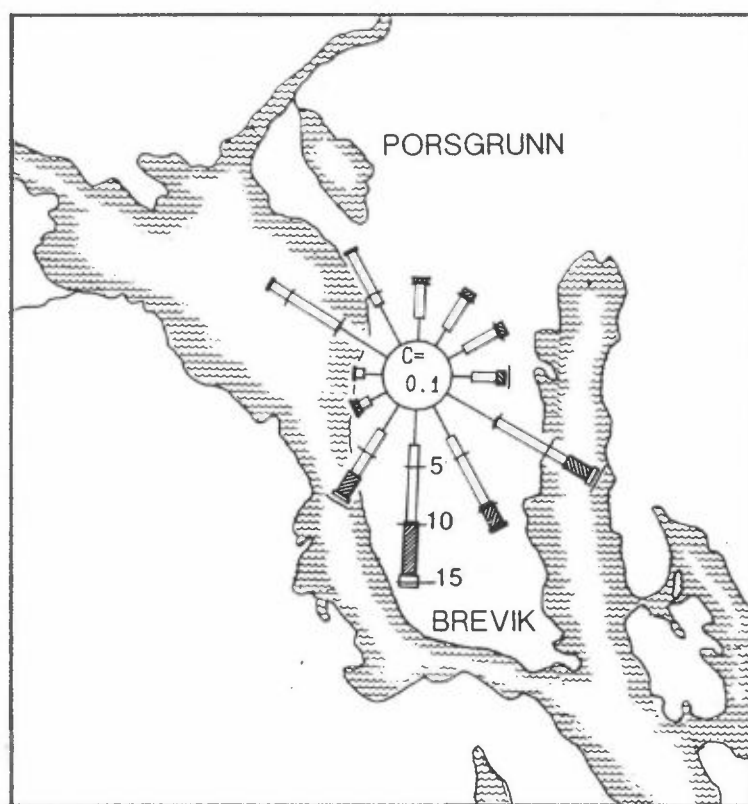


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METEOROLOGISKE DATA FRA NEDRE TELEMARK, SOMMEREN 1988

K. Hoem



SAMMENDRAG

På oppdrag fra Statens forurensningstilsyn (SFT) er det foretatt en bearbeiding av de meteorologiske målingene fra Ås i nedre Telemark for perioden 01.06.88-31.08.88.

Sommeren 1988 blåste det oftest fra sør (15%). Dette avviker fra vindretningsfordelingen for de ti tidligere sommerperiodene. Frekvensen av vind fra sør-sørvest og sør var større sommeren 1988 enn tidligere, mens det blåste sjeldnere fra nord-nordvest og nord enn hva som var tilfellet for de siste ti sommerperiodene. Gjennomsnittlig vindstyrke på 2,7 m/s var som normalt.

Fordelingen av stabilitetsklassene avvek endel fra det som har vært vanlig de ti siste årene. Det var færre tilfeller av ustabil, lett stabilt og stabilt, mens det var langt flere tilfeller av nøytralt enn det som har vært vanlig tidligere. De stabile tilfellene forekom som vanlig oftest om natten ved vinder fra nordvest, mens nøytral og ustabil sjiktning forekom oftest på dagtid.

Juni og august var varmere enn gjennomsnittet for de ti siste årene, mens juli var kaldere enn normalt. Juni 1988, med gjennomsnittstemperatur på 17,9⁰C, var den varmeste juni måned som har vært registrert ved Ås siden målingene startet. Middelttemperaturen for juni var 3,6⁰C varmere, for juli 0,3⁰C kaldere og for august 0,1⁰C varmere enn gjennomsnittet for de ti siste årene.

INNHOOLD

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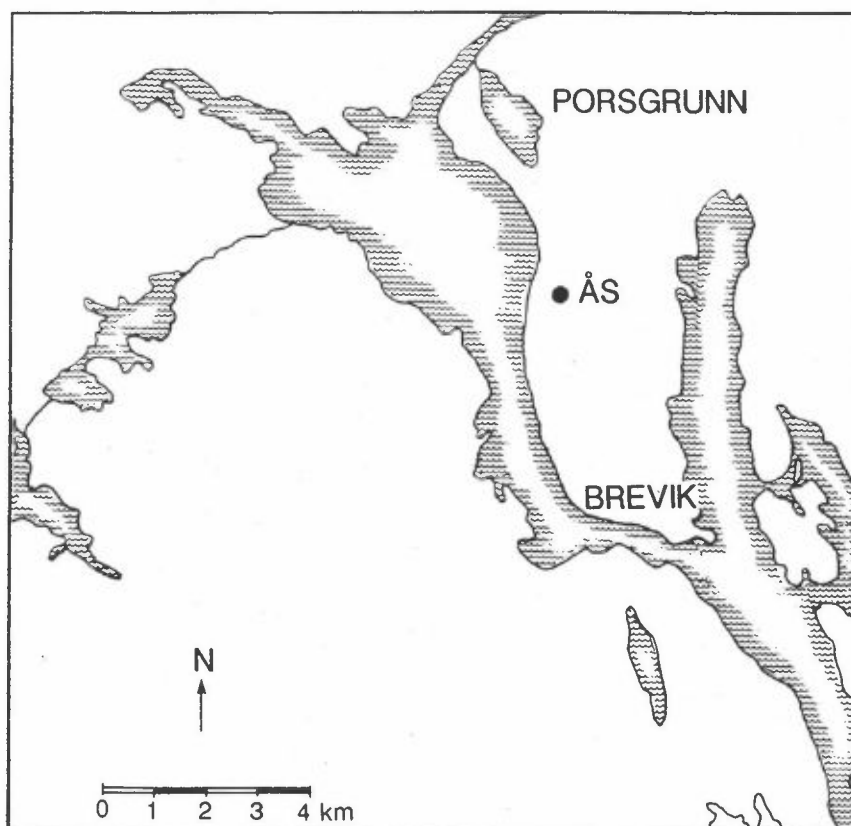
METEOROLOGISKE DATA FRA NEDRE TELEMARK, SOMMEREN 1988

1 INNLEDNING

Denne presentasjonen av meteorologiske data fra nedre Telemark i perioden 1.6.88-31.8.88 (sommer), er et ledd i det koordinerte måleprogram av meteorologi og spredningsforhold i området. Bearbeidelsen er utført på oppdrag fra Statens forurensningstilsyn, kontrollseksjonen nedre Telemark, og er en videreføring av tidligere tilsendte data (se referanselisten). NILU har også gjort en samlet bearbeidelse av meteorologiske data fra Ås i perioden 1976-87 på oppdrag fra Norsk Hydro (Haugsbakk og Sivertsen, 1988).

2 INSTRUMENTERING, STASJONSPLOSSERING

Målestasjonens plassering er angitt i figur 1.



Figur 1: Lokalisering av den meteorologiske målestasjonen på Ås i nedre Telemark.

Meteorologiske data måles ved hjelp av NILUs automatiske værstasjon (AWS) med 25 m høy mast og direkte oppringt samband til NILU. Dataene blir lagret som timesmiddelverdier. Stasjonen er plassert 90 m o.h.

Følgende meteorologiske parametere blir målt:

Vindretning, 25 m over bakken	(DD-25)
Vindstyrke, 25 m over bakken	(FF-25)
Vindkast, høyeste 1 sekund-midlet vindstyrke hver time	(GUST1)
Vindkast, høyeste 3 sekund-midlet vindstyrke hver time	(GUST3)
Turbulens, standardavvik i vindretningsfluktuasjonen (midlet over 5 min)	(SIGK)
Turbulens, standardavvik i vindretningsfluktuasjonen (midlet over 1 time)	(SIGKL)
Temperatur, 25 m over bakken	(T-25)
Temperatur, 2 m over bakken	(T-2)
Stabilitet, temperaturdifferanse mellom 25 m og 10 m	(DT)
Relativ fuktighet, 2 m over bakken	(RH-2)

Alle timesmiddelverdiene er presentert i vedlegg C.

3 DATATILGJENGELIGHET/KVALITET

Figur 2 viser datatilgjengeligheten for de ulike meteorologiske parametere på Ås sommeren 1988.

Datatilgjengeligheten var følgende:

DD-25, FF-25, SIGK, SIGKL, T-25, T-2, DT, RH-2:	99,1%
GUST1, GUST3	: 99,0%

De data som er brukt i denne rapporten er korrigert og antas å være av god kvalitet.

SOMMEREN 1988

Parameter	JUNI	JULI	AUGUST
DD 25			
FF 25			
GUST 1			
GUST 3			
SIGK			
SIGKL			
T 25			
T 2			
ΔT			
RH 2			

10 20 10 20 10 20

Figur 2: Datatilgjengelighet for de ulike meteorologiske parametre. Manglende data i kortere perioder enn 8 timer er ikke avmerket på figuren.

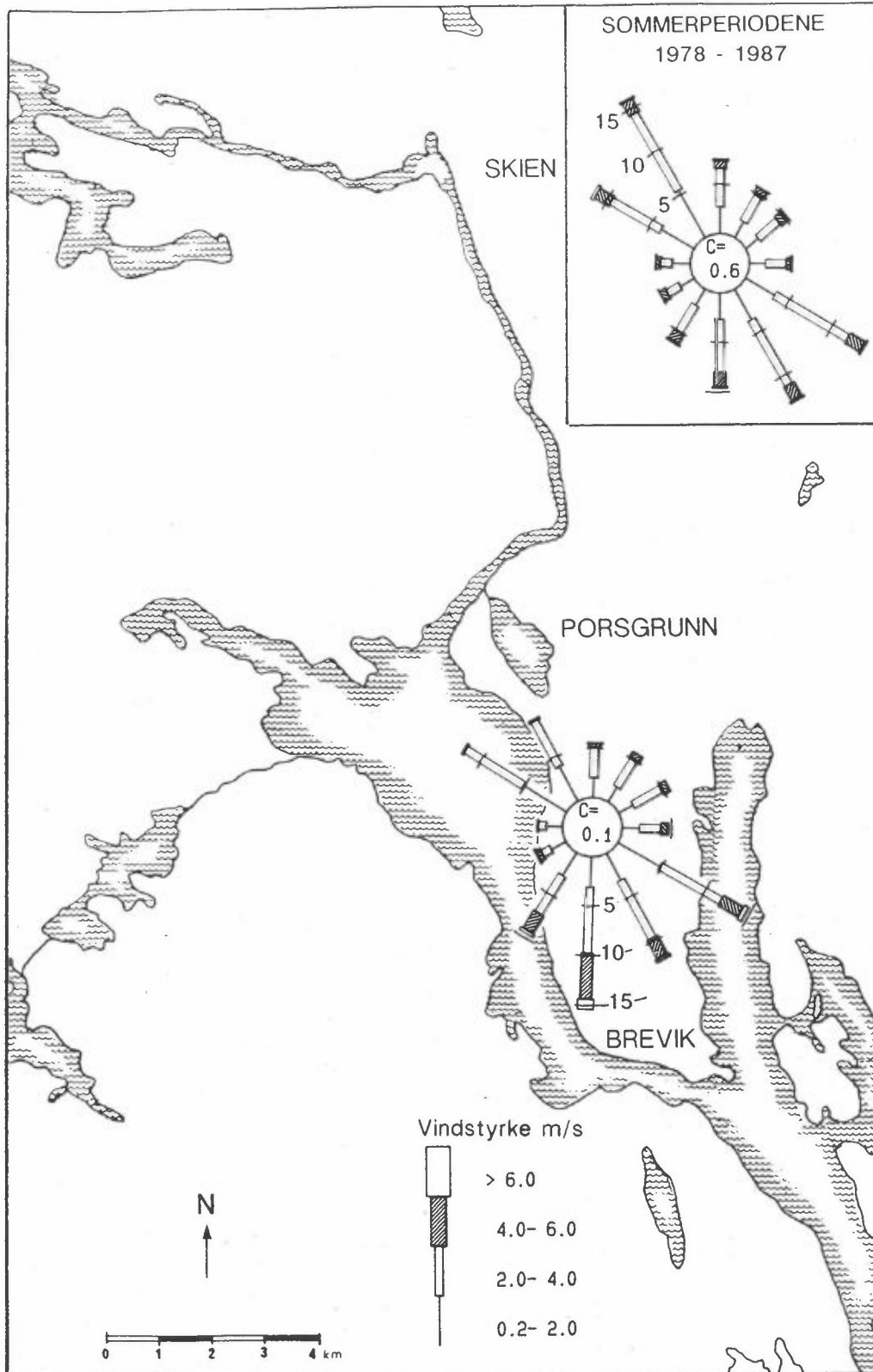
4 VINDFORHOLD

4.1 VINDRETNING

Vindrose fra Ås for sommeren 1988 er vist i figur 3 sammen med rosen for de ti sommerperiodene 1978-1987.

Kvartalsvise vindfrekvensfordelinger (i %) er også presentert i tabellene A1-A2. Vindobservasjoner fra Ås er dessuten presentert som månedsvise frekvensfordelinger i tabell A7.

Sommeren 1988 blåste det oftest fra sør. Dette avviker fra vindretningsfordelingen for de ti tidligere sommerperiodene. Hyppigheten av vind fra sør-sørvest og sør var større sommeren 1988 enn tidligere, mens det blåste sjeldnere fra nord-nordvest og nord enn tidligere. Dominerende vindretning var i juni øst-sørøst, i juli sør og i august var den vest-nordvest.

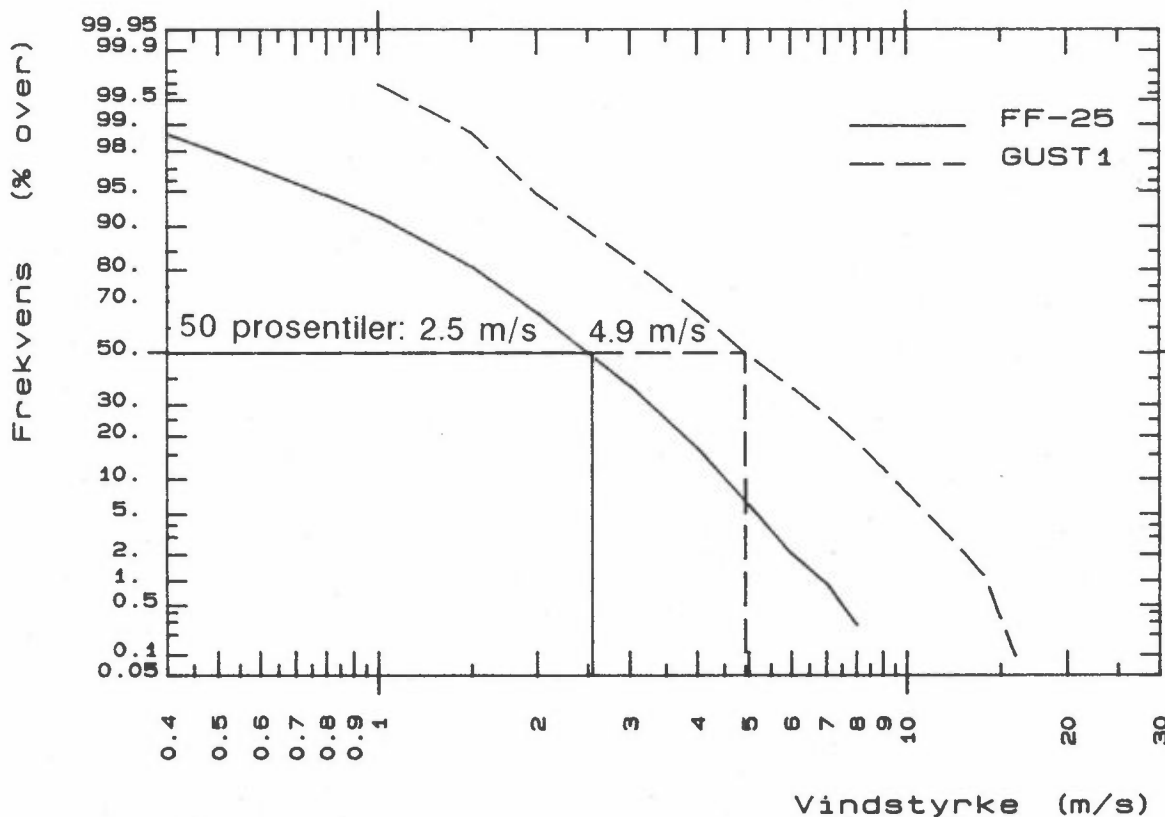


Figur 3: Vindroser (frekvens av vind i % i 12 sektorer) for sommeren 1988 og for sommerperiodene 1978-1987.
C = vindstillefrekvens.

4.2 VINDSTYRKE

Middelvindstyrken for sommeren 1988 (2,7 m/s) var likt gjennomsnittet for sommerperiodene 1978-1987. Gjennomsnittlige vindstyrker var for juni 2,6 m/s, juli 3,0 m/s og august 2,7 m/s. Den gjennomsnittlige vindstyrken for juni lå 0,2 m/s under tiårsnormalen, mens juli lå 0,3 m/s over. August var lik tiårsnormalen.

Figur 4 viser den kvartalsvise vindstyrkefordelingen ved Ås. Vindstyrker over 6 m/s forekom i 2,3% av tiden. Svake vinder, mindre enn 2 m/s, forekom i 32,7% av tiden. I gjennomsnitt blåste det svakest ved vind fra vest (1,9 m/s), og kraftigst blåste det fra sør (3,4 m/s).

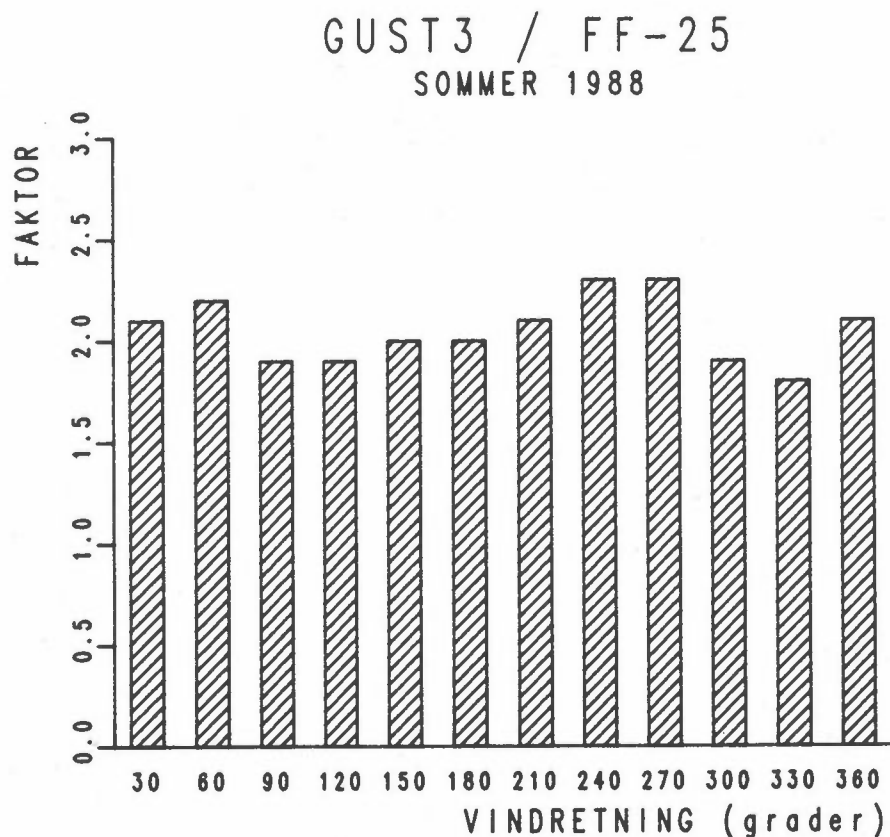


Figur 4: Kumulativ frekvensfordeling av vindstyrke og 1 sekunds gust ved Ås sommeren 1988. Figuren viser frekvens av vindstyrke større enn verdiene angitt på x-aksen.

4.3 VINDKAST (GUST)

Den høyeste vindstyrken midlet over 1 sekund (GUST1) og 3 sekunder (GUST3), registreres hver time. Figur 4 viser den kumulative fordelingen av GUST1, for sommeren 1988.

Figur 5 viser forholdet mellom GUST3 og timemidlet vindstyrke (FF-25) ved forskjellige vindretninger. Forholdet GUST3/FF-25 ligger hele tiden nær en faktor 2. Det gjennomsnittlige forholdet er 2,0, og forholdet er størst ved vind fra vest-sørvest og vest, med faktor 2,3. Den laveste verdien (1,8) er registrert når det blåser fra nord-nord-vest. For vind fra udefinert retning, det vil si vindstyrker lavere enn 0,3 m/s, stiger dette forholdet kraftig. Forholdet GUST3/FF-25 er størst når det blåser fra de to vindsektorene som har lavest vindfrekvens (se figur 3 og 5).



Figur 5: Forholdet mellom 3 sekunds gust (GUST3) og timesmidlet vindstyrke (FF-25) ved de ulike vindretningene, sommeren 1988.

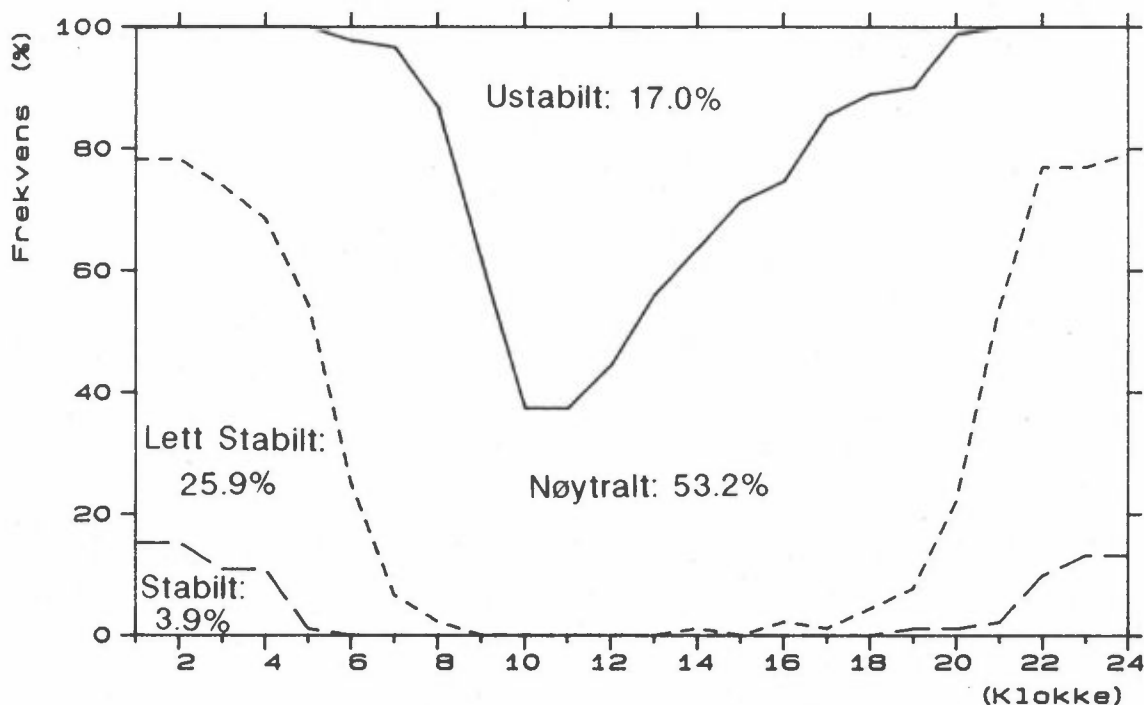
De kraftigste vindkastene ble registrert 26. juli kl 16 og 29. august kl 02, og var 16,4 m/s for GUST1 og henholdsvis 15,6 m/s og 15,4 m/s for GUST3. Middelvindstyrkene for disse timene var henholdsvis 8,4 m/s og 7,9 m/s.

5 STABILITETSFORHOLD

Stabilitetsforholdene i fire klasser er fordelt over døgnet i tabell A3 og A8 og vist i figur 6, basert på temperaturdifferansen mellom 25 m og 10 m (dT). Stabilitetsklassene er definert ved:

Ustabil : $dT \leq -0,5$
 Nøytralt : $-0,5 < dT \leq 0$
 Lett stabilt : $0 < dT \leq 0,5$
 Stabilt : $0,5 < dT$

Stasjon: ÅS AWS
 Periode: SOMMER 1988
 Data : Delta T (25-10) m



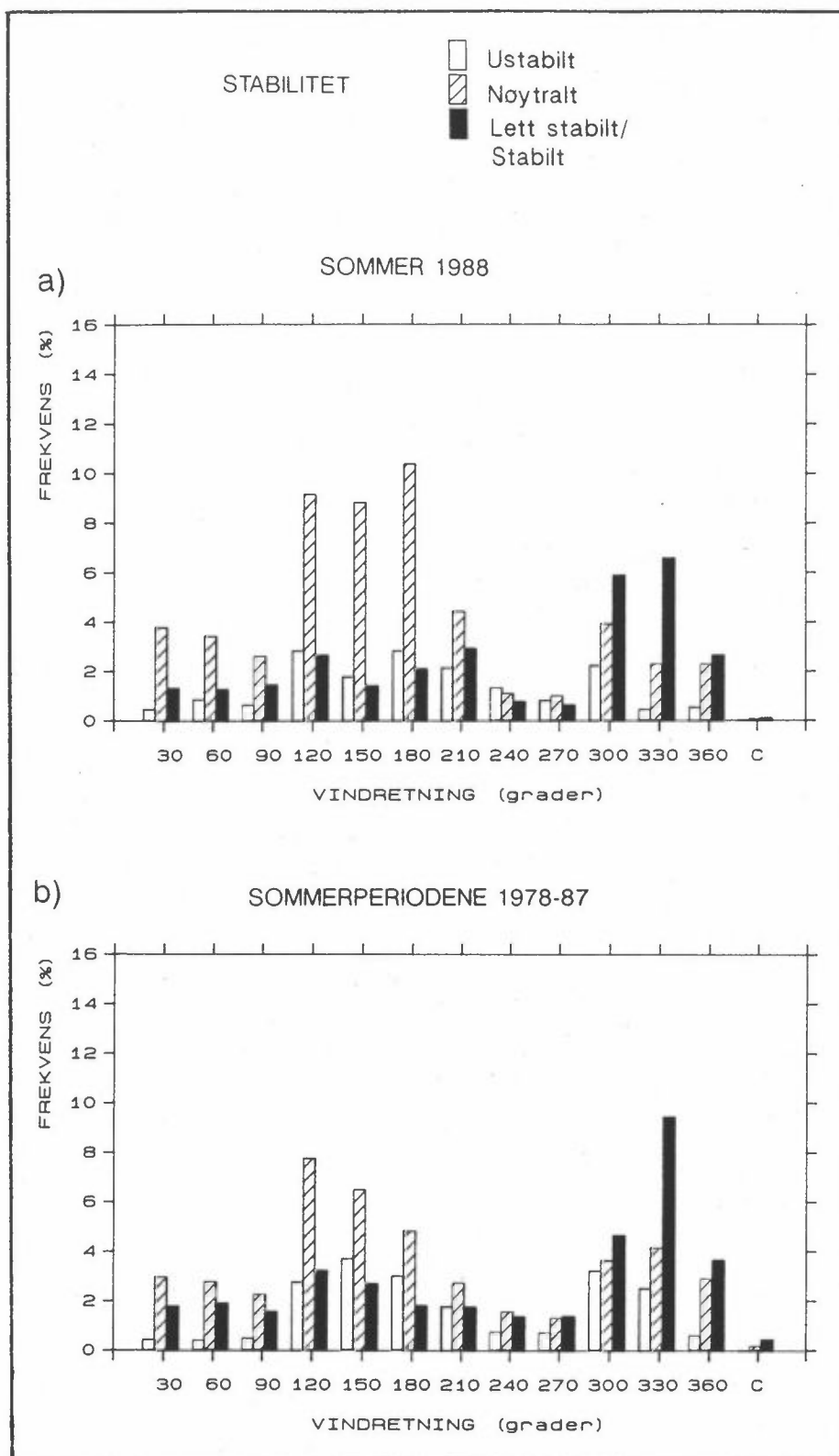
Figur 6: Døgnfordelingen av fire stabilitetsklasser basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masten på Ås 1.6.88-31.8.88.

Sommeren 1988 var det 3,9% stabil, 25,9% lett stabil, 53,2% nøytral og 17,0% ustabil temperatursjiktning. Denne fordelingen gir langt flere tilfeller av nøytral sjiktning enn gjennomsnittet for de ti siste årene, mens det var færre tilfeller av ustabil, lett stabilt og stabilt enn det som tidligere har vært vanlig.

6 FREKVENNS AV VIND/STABILITET

Tabell A4 gir frekvensen (i %) i 196 klasser av vind og stabilitet, basert på stabilitetsdata og vinddata fra 25 m masten på Ås for sommeren 1988 og sommerperiodene 1978-1987. Tabell A9 gir månedsvise frekvensfordelinger.

Figur 7 viser frekvensen av ustabil, nøytral og stabil (lett stabil + stabil) sjiktning som funksjon av vindretningen. Figuren viser at stabile tilfeller (inversjoner) sommeren 1988 oftest forekom ved vind fra vest-nordvest og nord-nordvest. 2/3 av de stabile tilfellene forekom ved vind fra sektoren vest-nordvest til nord. Tabell A4a viser at vindstyrken da stort sett var lavere enn 4 m/s. Dette representerer vanligvis de stabile nattsituasjonene. De ustabile situasjonene forekom oftest ved vind fra øst-sørøst og sør. Sommeren 1988 var det oftere nøytral sjiktning ved vind fra sørøst og sør og sjeldnere stabil sjiktning ved vind fra nordvest enn hva som var tilfelle for de ti foregående årene.



Figur 7: Frekvens av ustabil, nøytral og stabil (lett stabil + stabil) sjiktning som funksjon av vindretningen ved Ås.

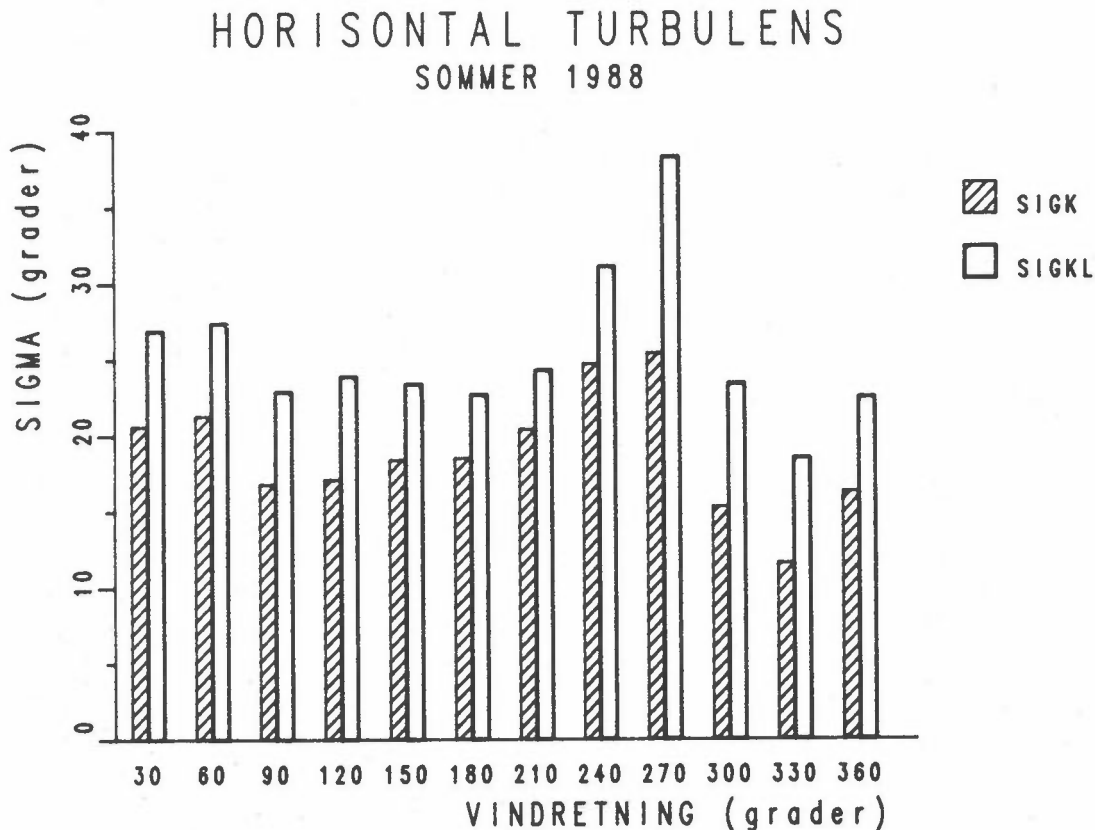
a) sommeren 1988

b) sommerperiodene 1978-1987

7 HORIZONTAL TURBULENS

Standardavviket av den horisontale vindretningsfluktuasjonen σ_{θ} observert 25 m over bakken er et mål for den horisontale spredningen av luftforurensninger.

Midlere verdier av σ_{θ} (horizontal turbulens) er gitt i tabell A10. Verdiene er gitt i klasser av vindretning, vindstyrke og stabilitet. Tabellen viser at σ_{θ} er høyest ved svake vinder (0-2 m/s). I figur 8 er midlere verdier av σ_{θ} plottet som funksjon av vindretningen. SIGK betyr σ_{θ} midlet over 5 minutter mens SIGKL er et timesmiddel som i tillegg til SIGK også tar inn de langperiodiske vindretningsfluktuasjonene.

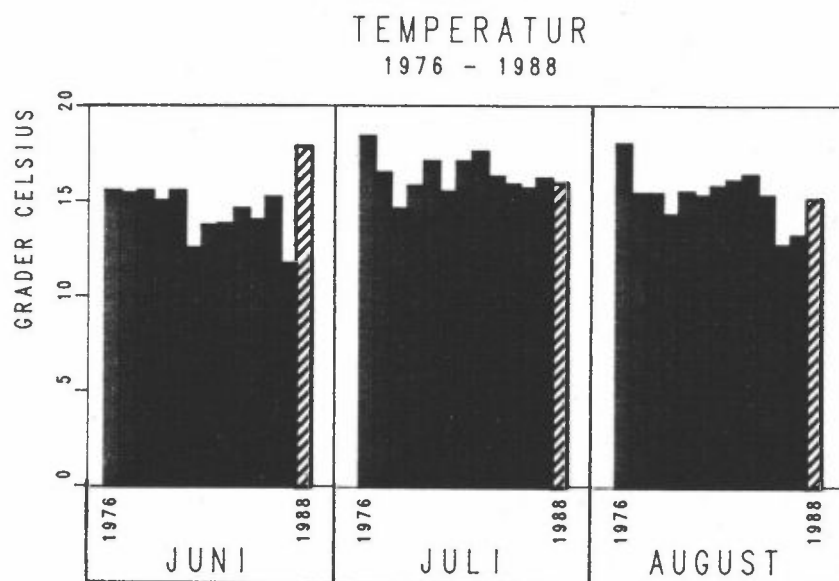


Figur 8: Midlere verdier av horisontal turbulens (σ_{θ}) (i grader som 5 minutters middel (SIGK) og timesmiddel (SIGKL)) som funksjon av vindretningen, sommeren 1988.

Figur 8 viser at σ_{θ} var høyest ved vind fra vest-sørvest og vest. Dette er i samsvar med de retningene hvor det var registrert størst tidsvariabel vind (GUST3/FF-25 høye verdier). Spredningsforholdene har vært gode ved disse vindretningene. σ_{θ} var lavest ved vind fra nord-nordvest. Vind fra denne retningen ga flest tilfeller av stabil sjiktning og hadde minst tidsvariabel vind (GUST3/FF-25 lav verdi). Spredningsforholdene var dårligst ved denne vindretningen.

8 TEMPERATUR

I figur 9 er det plottet månedsmiddeltemperaturer for sommermånedene fra 1976 til 1988. Juni 1988 var den varmeste junimåned i løpet av disse årene.



Figur 9: Månedsvise middeltemperaturer for sommermånedene 1976-1988 i °C.

Tabell 1 viser månedsvise middeltemperaturer for sommeren 1988 sammenlignet med tiårsnormalen for hver måned.

Juni var hele 3,6°C varmere enn gjennomsnittet de ti siste årene. Juli var 0,3°C kaldere, mens august var 0,1°C varmere enn tiårsnormalen.

Den høyeste temperaturen ble målt den 27.06.88 kl 12 til 32,4°C. Den laveste temperaturen ble målt den 05.06.88 kl 04 til 6,6°C.

Tabell 1: Månedsvise middeltemperatur for sommeren 1988 og middel for de ti siste årene for de respektive månedene i °C.

Måned	TEMPERATUR 2 m o.b. (°C)	
	1988	1978-1987
Juni	17,9	14,3
Juli	16,0	16,3
August	15,2	15,1

Fullstendig månedsvise temperaturstatistikk for perioden 01.06.88-31.08.88 finnes i tabell A5.

9 RELATIV FUKTIGHET

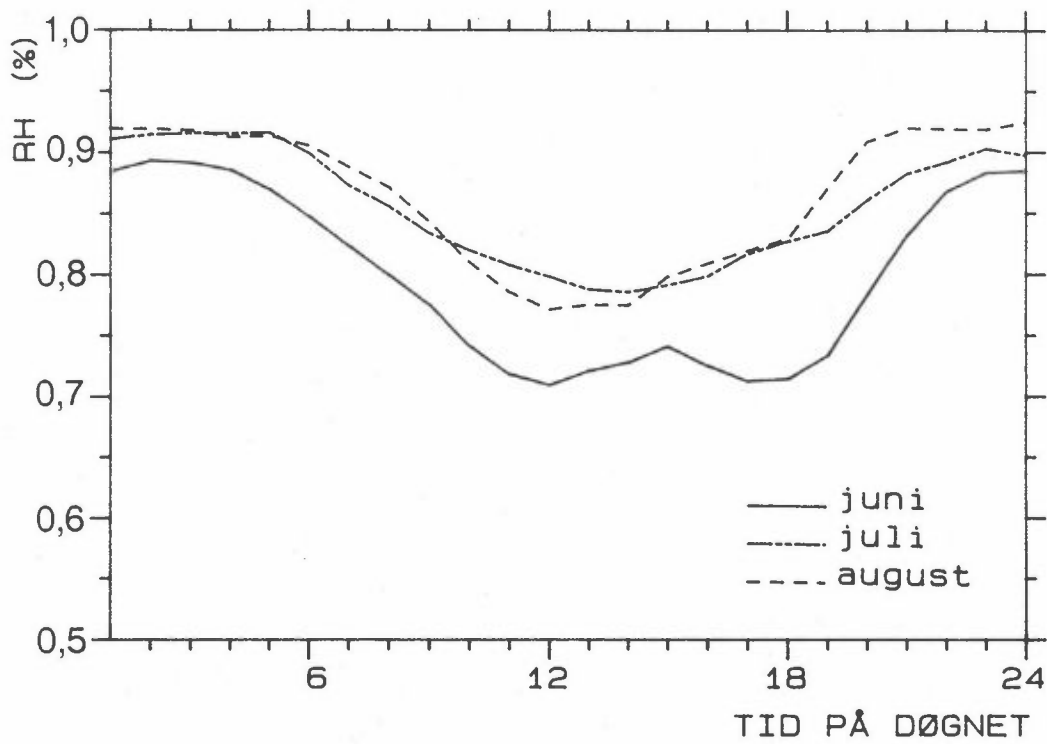
Tabell 2 viser månedsvise midlere relativ fuktighet for sommeren 1988 sammenlignet med tiårsnormalen for hver måned.

Tabell 2: Månedsvise midlere relativ fuktighet for sommeren 1988 og middelværdier for de ti siste årene for de respektive månedene i prosent.

Måned	RELATIV FUKTIGHET 2 m o.b. (%)	
	1988	10 års normal 1978-1987
Juni	80	77
Juli	86	76
August	86	78

I figur 10 er relativ fuktighet for hver av sommermånedene fordelt over døgnet. Alle de tre sommermånedene hadde lavest fuktighet om dagen og høyest om natten. Denne døgnvariasjonen øker med økt solintensitet. Juni hadde størst variasjon. Fuktigheten varierte da i gjennomsnitt fra 73% om dagen til 89% om natten. I juli varierte fuktigheten fra 79% om dagen til 92% om natten, og i august fra 78% om dagen til 92% om natten.

RELATIV FUKTIGHET
DØGNVARIASJON SOMMEREN 1988



Figur 10: Døgnfordeling av relativ fuktighet (%) for juni, juli og august 1988.

Fullstendig statistisk fordeling av den relative fuktigheten for sommeren 1988 finnes i tabell A6.

10 REFERANSER

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(1978-89) Meteorologiske data fra nedre Telemark. Lillestrøm
(NILU OR).

Periode:	Rapport nr.
Høsten 1977	OR 8/78
Vinteren 1977-78	OR 21/78
Våren 1978	OR 9/79
Sommeren 1978	OR 12/79
Høsten 1978	OR 13/79
Vinteren 1978-79	OR 27/79
Våren 1979	OR 30/79
Sommeren 1979	OR 3/80
Høsten 1979	OR 10/80
Vinteren 1979-80	OR 18/80
Våren 1980	OR 39/80
Sommeren 1980	OR 2/81
Høsten 1980	OR 15/81
Vinteren 1980-81	OR 21/81
Våren 1981	OR 48/81
Sommeren 1981	OR 11/82
Høsten 1981	OR 51/82
Vinteren 1981-82	OR 2/83
Våren 1982	OR 8/83
Sommeren 1982	OR 11/83
Høsten 1982	OR 22/83
Vinteren 1982-83	OR 39/83
Våren 1983	OR 58/83
Sommeren 1983	OR 3/84
Høsten 1983	OR 32/84
Vinteren 1983-84	OR 50/84
Våren 1984	OR 65/84
Sommeren 1984	OR 13/85
Høsten 1984	OR 39/85
Vinteren 1984-85	OR 52/85
Våren 1985	OR 73/85
Sommeren 1985	OR 32/86
Høsten 1985	OR 37/86
Vinteren 1985-86	OR 3/87
Våren 1986	OR 94/86
Sommeren 1986	OR 9/87
Høsten 1986	OR 43/87
Vinteren 1986-87	OR 60/87
Våren 1987	OR 79/87
Sommeren 1987	OR 60/88
Høsten 1987	OR 74/88
Vinteren 1987-88	OR 85/88
Våren 1988	OR 13/89

Haugsbakk, I. og Sivertsen, B. (1988) Meteorologiske data fra Ås,
nedre Telemark 1976-1987. Lillestrøm (NILU OR 75/88).

VEDLEGG A

Meteorologiske tabeller

Tabell A1: Vindfrekvenser (vindrose) fra Ås sommeren 1988.

Stasjon : AAS

Periode : 01.06.88 - 31.08.88

*) Vind- retning	FORDELING AV VINDRETNINGER OVER DØGNET (%)								Vind- rose
	Klokkeslett								
	01	04	07	10	13	16	19	22	
30	7.6	3.3	8.8	7.8	3.3	3.3	3.3	7.7	5.6
60	6.5	6.5	9.9	8.9	3.3	3.3	6.7	6.6	5.6
90	3.3	4.3	6.6	4.4	5.5	1.1	4.4	6.6	4.6
120	6.5	5.4	6.6	17.8	23.1	26.4	18.9	12.1	14.6
150	5.4	3.3	3.3	12.2	27.5	19.8	20.0	5.5	12.0
180	12.0	8.7	5.5	11.1	16.5	24.2	24.4	16.5	15.3
210	7.6	5.4	11.0	4.4	5.5	9.9	12.2	14.3	9.5
240	3.3	3.3	2.2	8.9	2.2	3.3	1.1	4.4	3.2
270	1.1	4.3	2.2	4.4	2.2	.0	3.3	1.1	2.5
300	20.7	14.1	22.0	15.6	3.3	3.3	2.2	14.3	12.1
330	21.7	30.4	14.3	3.3	2.2	2.2	1.1	4.4	9.3
360	4.3	9.8	7.7	1.1	5.5	3.3	2.2	6.6	5.5
Stille	.0	1.1	.0	.0	.0	.0	.0	.0	.1

Ant.obs (92) (92) (91) (90) (91) (91) (90) (91) (2185)

Midlere

vind m/s 2.4 2.5 2.3 2.8 3.5 3.3 2.6 2.4 2.7

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

Klasse I: Vindstyrke .3 - 2.0 m/s

Klasse II: Vindstyrke 2.1 - 4.0 m/s

Klasse III: Vindstyrke 4.1 - 6.0 m/s

Klasse IV: Vindstyrke > 6.0 m/s

*) Vind- retning	Klasser					Nobs	Midlere vind m/s
	I	II	III	IV	Total		
30	1.7	3.1	.8	.0	5.6	(122)	2.7
60	1.6	3.2	.8	.0	5.6	(122)	2.7
90	1.7	2.1	.7	.0	4.6	(100)	2.6
120	4.8	7.0	2.3	.5	14.6	(320)	2.8
150	3.1	6.6	2.1	.3	12.0	(263)	2.9
180	3.0	6.7	4.6	1.0	15.3	(335)	3.4
210	2.7	4.4	2.1	.3	9.5	(208)	3.1
240	1.6	1.0	.5	.2	3.2	(70)	2.6
270	1.6	.8	.1	.0	2.5	(54)	1.9
300	4.9	6.9	.2	.0	12.1	(264)	2.2
330	3.9	5.2	.2	.0	9.3	(204)	2.3
360	2.0	3.0	.5	.0	5.5	(120)	2.5
Stille					.1	(3)	
Total	32.6	50.0	15.0	2.3	100.0	(2185)	
Midlere							
vind m/s	1.4	2.9	4.7	6.9			2.7

*) Dette tallet angir sentrum av vindsektor

Tabell A2: Vindfrekvenser (vindrose) fra Ås sommerperiodene 1978-1987.

Stasjon : AAS

Periode : 01.06.78 - 31.08.87

*) Vindretning	FORDELING AV VINDRETNINGER OVER DØGNET (%)								Vindrose
	Klokkeslett								
	01	04	07	10	13	16	19	22	
30	5.1	7.4	7.7	7.5	5.3	4.2	3.8	4.2	5.6
60	6.0	6.4	5.8	4.8	4.3	3.4	3.6	5.7	5.2
90	4.9	3.3	4.6	4.6	5.4	2.8	4.3	5.7	4.3
120	6.3	5.5	4.3	15.5	21.3	20.1	21.5	15.9	13.7
150	7.7	4.1	5.1	9.9	21.2	22.1	19.1	11.4	12.8
180	4.6	4.1	5.0	6.9	12.6	19.8	14.0	8.4	9.5
210	5.8	4.4	4.1	6.7	6.4	8.5	9.4	6.8	6.2
240	3.2	2.4	2.7	4.0	3.4	3.2	4.5	5.6	3.7
270	3.3	3.4	2.5	5.2	3.4	2.0	3.2	3.9	3.4
300	13.7	13.9	13.9	17.5	9.2	6.3	7.2	10.6	11.5
330	26.7	33.0	28.1	11.5	3.7	3.3	5.3	13.6	16.0
360	11.8	11.3	14.9	5.7	3.6	4.0	3.6	7.3	7.4
Stille	.9	.9	1.1	.1	.0	.3	.5	1.0	.6

Ant.obs (878) (879) (878) (878) (881) (884) (885) (880)(****)

Midlere

vind m/s 2.4 2.4 2.2 2.6 3.3 3.3 2.7 2.4 2.7

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

Klasse I: Vindstyrke .3 - 2.0 m/s

Klasse II: Vindstyrke 2.1 - 4.0 m/s

Klasse III: Vindstyrke 4.1 - 6.0 m/s

Klasse IV: Vindstyrke > 6.0 m/s

*) Vindretning	Klasser					Total	Nobs	Midlere vind m/s
	I	II	III	IV				
30	1.8	2.9	.8	.0	5.6	(1174)	2.7	
60	1.7	2.6	.8	.2	5.2	(1108)	2.8	
90	1.6	2.1	.4	.1	4.3	(901)	2.5	
120	3.4	8.5	1.7	.1	13.7	(2903)	2.8	
150	3.5	7.5	1.6	.1	12.8	(2695)	2.8	
180	2.6	5.3	1.5	.1	9.5	(2008)	2.8	
210	1.8	3.1	1.2	.2	6.2	(1311)	2.9	
240	1.5	1.4	.7	.1	3.7	(783)	2.6	
270	1.7	1.2	.5	.1	3.4	(728)	2.4	
300	3.8	5.7	1.6	.3	11.5	(2419)	2.8	
330	5.4	8.9	1.5	.2	16.0	(3382)	2.5	
360	2.7	3.9	.8	.2	7.4	(1573)	2.6	
Stille					.6	(135)		
Total	31.6	53.1	13.2	1.5	100.0	(****)		
Midlere vind m/s	1.4	2.9	4.7	6.7			2.7	

*) Dette tallet angir sentrum av vindsektor

Tabell A3: Fire stabilitetsklasser fordelt over døgnet basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås sommeren 1988.

Stasjon : AAS
 Parameter: Temperatur differanse (DT)
 Enhet : Grader C
 Periode : 01.06.88 - 31.08.88

STABILITETSKLASSER (%) FORDELT OVER DØGNET

Klasse I: Ustabil DT < -.5 Grader C
 Klasse II: Nøytral -.5 < DT < .0 Grader C
 Klasse III: Lett stabil .0 < DT < .5 Grader C
 Klasse IV: Stabil .5 < DT Grader C

Time	Klasser			
	I	II	III	IV
01	.0	21.7	63.0	15.2
02	.0	21.7	63.0	15.2
03	.0	26.1	63.0	10.9
04	.0	31.5	57.6	10.9
05	.0	45.7	53.3	1.1
06	2.2	72.8	25.0	.0
07	3.3	90.1	6.6	.0
08	13.2	84.6	2.2	.0
09	38.5	61.5	.0	.0
10	62.6	37.4	.0	.0
11	62.6	37.4	.0	.0
12	55.6	44.4	.0	.0
13	44.0	56.0	.0	.0
14	36.3	62.6	1.1	.0
15	28.6	71.4	.0	.0
16	25.3	72.5	2.2	.0
17	14.4	84.4	1.1	.0
18	11.0	84.6	4.4	.0
19	9.9	82.4	6.6	1.1
20	1.1	76.9	20.9	1.1
21	.0	46.2	51.6	2.2
22	.0	23.1	67.0	9.9
23	.0	23.1	63.7	13.2
24	.0	20.9	65.9	13.2
Total	17.0	53.2	25.9	3.9

Antall obs : 2188
 Manglende obs: 20

Tabell A4: Frekvens (i %) av vind og stabilitet fordelt på fire vindstyrkeklasser og fire stabilitetsklasser basert på data fra Ås: a) sommeren 1988 b) sommerperiodene 1978-1987.

Klasse I: Ustabil DT < -.5 Grader C
 Klasse II: Nøytral -.5 < DT < .0 Grader C
 Klasse III: Lett stabil .0 < DT < .5 Grader C
 Klasse IV: Stabil .5 < DT Grader C

Vindstille: U mindre eller lik .2 m/s

a)

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.05.88 - 31.08.88
 Enhet : Prosent

Vindretning	.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	.1	.9	.6	.0	.3	2.2	.5	.0	.0	.6	.1	.0	.0	.0	.0	.0	5.6
60	.1	.7	.6	.1	.5	2.1	.5	.0	.2	.5	.0	.0	.0	.0	.0	.0	5.6
90	.3	.7	.8	.0	.3	1.2	.5	.0	.0	.7	.0	.0	.0	.0	.0	.0	4.7
120	.6	2.5	1.4	.2	1.6	4.4	1.0	.0	.6	1.7	.0	.0	.0	.5	.0	.0	14.6
150	.3	1.9	.8	.1	1.1	5.0	.4	.1	.4	1.6	.0	.0	.0	.3	.0	.0	12.0
180	.3	1.5	1.2	.0	.8	4.9	.9	.0	1.2	3.4	.0	.0	.5	.5	.0	.0	15.3
210	.9	.6	1.1	.1	.5	2.4	1.6	.0	.6	1.3	.2	.0	.2	.1	.0	.0	9.5
240	.4	.6	.6	.0	.4	.4	.2	.0	.4	.1	.0	.0	.1	.0	.0	.0	3.2
270	.6	.5	.3	.1	.1	.5	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.5
300	1.2	2.0	1.5	.3	1.0	2.0	3.4	.5	.0	.0	.1	.1	.0	.0	.0	.0	12.1
330	.3	1.3	1.6	.8	.2	1.0	3.3	.7	.0	.0	.1	.0	.0	.0	.0	.0	9.3
360	.2	.7	.9	.1	.3	1.1	1.3	.3	.0	.4	.0	.0	.0	.0	.0	.0	5.5
Stille	.0	.0	.1	.0													.1
Total	5.4	14.0	11.5	1.9	7.1	27.3	13.7	1.9	3.7	10.5	.7	.1	.8	1.5	.0	.0	100.0

Forekomst 32.7 %
 Vindstyrke 1.4 m/s

50.0 %
 2.9 m/s

15.0 %
 4.7 m/s

2.3 %
 6.9 m/s

100.0 %
 2.7 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	17.0 %	53.2 %	25.9 %	3.9 %	100.0 %

Antall obs. : 2188
 Manglende obs.: 20

b)

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.06.78 - 31.08.87
 Enhet : Prosent

Vindretning	.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	.1	.8	.7	.2	.3	1.6	.8	.0	.1	.5	.1	.0	.0	.0	.0	.0	5.2
60	.1	.7	.7	.1	.3	1.5	.8	.0	.1	.5	.2	.0	.0	.1	.1	.0	5.1
90	.2	.7	.7	.1	.2	1.2	.6	.0	.0	.3	.1	.0	.0	.1	.0	.0	4.3
120	.4	1.5	1.1	.3	1.8	5.0	1.6	.1	.6	1.1	.1	.0	.0	.1	.0	.0	13.8
150	.6	1.4	1.3	.3	2.7	3.9	.9	.1	.4	1.1	.1	.0	.0	.0	.1	.0	12.9
180	.4	1.1	1.0	.1	2.0	2.8	.6	.0	.5	1.0	.1	.0	.0	.0	.0	.0	9.7
210	.4	.7	.6	.1	.9	1.4	.8	.0	.4	.6	.2	.0	.1	.1	.0	.0	6.3
240	.3	.5	.6	.1	.3	.6	.6	.0	.2	.4	.1	.0	.0	.0	.0	.0	3.7
270	.4	.6	.7	.1	.2	.4	.5	.0	.1	.3	.1	.0	.0	.1	.0	.0	3.5
300	1.3	1.3	.9	.3	1.4	1.5	2.5	.4	.4	.7	.5	.0	.0	.2	.1	.0	11.5
330	1.2	1.4	1.7	1.2	1.0	2.1	3.9	2.0	.3	.5	.6	.1	.0	.1	.1	.0	16.1
360	.2	1.0	.9	.6	.3	1.4	1.5	.5	.0	.4	.2	.0	.0	.1	.0	.0	7.2
Stille	.0	.2	.4	.1													.7
Total	5.7	12.0	11.2	3.6	11.3	23.4	15.0	3.2	3.1	7.5	2.4	.1	.3	.8	.4	.0	100.0

Forekomst 32.5 %
 Vindstyrke 1.3 m/s

52.9 %
 2.9 m/s

13.1 %
 4.7 m/s

1.5 %
 6.7 m/s

100.0 %
 2.7 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	20.4 %	43.7 %	29.0 %	6.9 %	100.0 %

Antall obs. : 20232
 Manglende obs.: 1846

Tabell A7: a) Vindfrekvenser (vindrose) fra Ås for juni 1988.
 b) Vindfrekvenser (vindrose) fra Ås for juli 1988.
 c) Vindfrekvenser (vindrose) fra Ås for august 1988.

Stasjon : AAS

Periode : 01.06.88 - 30.06.88

a)

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind- retning	Klokkeslett								Vind- rose
	01	04	07	10	13	16	19	22	
30	16.7	6.7	10.0	6.7	3.3	6.7	3.4	16.7	7.6
60	3.3	6.7	10.0	16.7	6.7	3.3	6.9	6.7	7.8
90	3.3	.0	10.0	6.7	10.0	.0	.0	6.7	4.5
120	6.7	.0	10.0	16.7	30.0	26.7	34.5	20.0	17.4
150	6.7	3.3	.0	16.7	30.0	26.7	20.7	3.3	13.6
180	.0	6.7	6.7	6.7	6.7	20.0	24.1	13.3	12.0
210	.0	.0	3.3	.0	.0	13.3	6.9	6.7	3.8
240	3.3	.0	3.3	3.3	.0	.0	.0	6.7	2.6
270	.0	.0	.0	6.7	3.3	.0	.0	.0	1.7
300	16.7	6.7	23.3	16.7	6.7	3.3	.0	10.0	8.6
330	33.3	50.0	13.3	3.3	3.3	.0	.0	3.3	13.4
360	10.0	16.7	10.0	.0	.0	.0	3.4	6.7	7.0
Stille	.0	3.3	.0	.0	.0	.0	.0	.0	.1

Ant.obs (30) (30) (30) (30) (30) (30) (29) (30) (719)

Midlere

vind m/s 2.1 2.4 2.2 2.6 3.3 3.3 2.5 2.0 2.6

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

Klasse I: Vindstyrke .3 - 2.0 m/s

Klasse II: Vindstyrke 2.1 - 4.0 m/s

Klasse III: Vindstyrke 4.1 - 6.0 m/s

Klasse IV: Vindstyrke > 6.0 m/s

*) Vind- retning	Klasser					Nobs	Midlere vind m/s
	I	II	III	IV	Total		
30	1.4	4.2	2.1	.0	7.6	(55)	3.2
60	1.4	5.3	1.1	.0	7.8	(56)	2.9
90	2.1	2.2	.1	.0	4.5	(32)	2.1
120	4.5	10.8	2.1	.0	17.4	(125)	2.8
150	4.3	7.5	1.8	.0	13.6	(98)	2.6
180	2.9	6.1	2.9	.0	12.0	(86)	2.8
210	2.2	1.0	.6	.0	3.8	(27)	2.1
240	2.1	.3	.1	.1	2.6	(19)	2.0
270	1.4	.3	.0	.0	1.7	(12)	1.6
300	3.9	4.7	.0	.0	8.6	(62)	2.1
330	5.8	7.0	.6	.0	13.4	(96)	2.3
360	2.4	4.0	.4	.1	7.0	(50)	2.6
Stille					.1	(1)	
Total	34.4	53.4	11.8	.3	100.0	(719)	
Midlere							
vind m/s	1.4	2.9	4.5	6.4			2.6

*) Dette tallet angir sentrum av vindsektor

Stasjon : AAS
 Periode : 01.07.88 - 31.07.88

b)

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind- retning	Klokkeslett								Vind- rose
	01	04	07	10	13	16	19	22	
30	.0	3.2	9.7	10.0	.0	.0	6.5	6.5	5.1
60	12.9	9.7	9.7	6.7	.0	3.2	6.5	9.7	5.5
90	3.2	9.7	9.7	.0	6.5	.0	6.5	6.5	6.1
120	3.2	.0	9.7	20.0	19.4	29.0	9.7	3.2	12.5
150	3.2	.0	3.2	13.3	25.8	19.4	16.1	.0	8.8
180	22.6	12.9	6.5	16.7	25.8	29.0	29.0	19.4	20.4
210	16.1	12.9	19.4	10.0	12.9	3.2	16.1	25.8	15.8
240	3.2	9.7	3.2	6.7	3.2	6.5	3.2	6.5	4.3
270	.0	.0	.0	3.3	3.2	.0	3.2	3.2	2.6
300	16.1	9.7	12.9	6.7	.0	3.2	3.2	12.9	8.5
330	16.1	29.0	6.5	3.3	.0	3.2	.0	3.2	5.7
360	3.2	3.2	9.7	3.3	3.2	3.2	.0	3.2	4.9
Stille	.0	.0	.0	.0	.0	.0	.0	.0	.0

Ant.obs (31) (31) (31) (30) (31) (31) (31) (31) (742)
 Midlere
 vind m/s 2.4 2.4 2.4 3.2 4.0 3.8 3.1 2.7 3.0

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

Klasse I: Vindstyrke .3 - 2.0 m/s
 Klasse II: Vindstyrke 2.1 - 4.0 m/s
 Klasse III: Vindstyrke 4.1 - 6.0 m/s
 Klasse IV: Vindstyrke > 6.0 m/s

*) Vind- retning	Klasser					Nobs	Midlere vind m/s
	I	II	III	IV	Total		
30	2.2	2.8	.1	.0	5.1	(38)	2.3
60	2.3	2.4	.8	.0	5.5	(41)	2.4
90	2.0	2.7	1.3	.0	6.1	(45)	2.8
120	4.3	4.2	3.2	.8	12.5	(93)	3.1
150	2.6	4.3	1.6	.3	8.8	(65)	2.9
180	2.4	7.8	7.1	3.0	20.4	(151)	4.0
210	2.7	8.2	4.0	.8	15.8	(117)	3.4
240	2.0	1.3	.7	.3	4.3	(32)	2.7
270	1.3	.9	.3	.0	2.6	(19)	2.2
300	3.9	4.6	.0	.0	8.5	(63)	2.0
330	2.7	3.0	.0	.0	5.7	(42)	2.0
360	2.4	2.4	.0	.0	4.9	(36)	2.0
Stille					.0	(0)	
Total	30.9	44.7	19.3	5.1	100.0	(742)	
Midlere vind m/s	1.3	2.9	4.8	7.0			3.0

*) Dette tallet angir sentrum av vindsektor

Stasjon : AAS
 Periode : 01.08.88 - 31.08.88

c)

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind- retning	Klokkeslett								Vind- rose
	01	04	07	10	13	16	19	22	
30	6.5	.0	6.7	6.7	6.7	3.3	.0	.0	4.0
60	3.2	3.2	10.0	3.3	3.3	3.3	6.7	3.3	3.5
90	3.2	3.2	.0	6.7	.0	3.3	6.7	6.7	3.2
120	9.7	16.1	.0	16.7	20.0	23.3	13.3	13.3	14.1
150	6.5	6.5	6.7	6.7	26.7	13.3	23.3	13.3	13.8
180	12.9	6.5	3.3	10.0	16.7	23.3	20.0	16.7	13.5
210	6.5	3.2	10.0	3.3	3.3	13.3	13.3	10.0	8.8
240	3.2	.0	.0	16.7	3.3	3.3	.0	.0	2.6
270	3.2	12.9	6.7	3.3	.0	.0	6.7	.0	3.2
300	29.0	25.8	30.0	23.3	3.3	3.3	3.3	20.0	19.2
330	16.1	12.9	23.3	3.3	3.3	3.3	3.3	6.7	9.1
360	.0	9.7	3.3	.0	13.3	6.7	3.3	10.0	4.7
Stille	.0	.0	.0	.0	.0	.0	.0	.0	.3

Ant.obs (31) (31) (30) (30) (30) (30) (30) (30) (724)
 Midlere
 vind m/s 2.8 2.6 2.3 2.5 3.1 3.0 2.3 2.6 2.7

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

Klasse I: Vindstyrke .3 - 2.0 m/s
 Klasse II: Vindstyrke 2.1 - 4.0 m/s
 Klasse III: Vindstyrke 4.1 - 6.0 m/s
 Klasse IV: Vindstyrke > 6.0 m/s

*) Vind- retning	Klasser					Nobs	Midlere vind m/s
	I	II	III	IV	Total		
30	1.5	2.3	.1	.0	4.0	(29)	2.3
60	1.1	1.9	.4	.0	3.5	(25)	2.7
90	1.1	1.4	.7	.0	3.2	(23)	2.6
120	5.7	6.2	1.7	.6	14.1	(102)	2.6
150	2.3	8.0	2.9	.6	13.8	(100)	3.2
180	3.7	6.1	3.7	.0	13.5	(98)	3.0
210	3.0	4.0	1.7	.1	8.8	(64)	2.8
240	.7	1.2	.6	.1	2.6	(19)	3.1
270	1.9	1.1	.1	.0	3.2	(23)	1.8
300	7.0	11.5	.7	.0	19.2	(139)	2.3
330	3.3	5.7	.1	.0	9.1	(66)	2.3
360	1.1	2.6	1.0	.0	4.7	(34)	2.9
Stille					.3	(2)	
Total	32.6	52.1	13.7	1.4	100.0	(724)	
Midlere vind m/s	1.3	2.9	4.6	6.6			2.7

*) Dette tallet angir sentrum av vindsektor

Tabell A8: Månedsvise stabilitetsfrekvens (i fire klasser) fordelt over døgnet, basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås:

a) juni 1988

b) juli 1988

c) august 1988

STABILITETSKLASSE (%) FORDELT OVER DØGNET

Klasse I: Ustabil DT < -.5 Grader C
 Klasse II: Nøytral -.5 < DT < .0 Grader C
 Klasse III: Lett stabil .0 < DT < .5 Grader C
 Klasse IV: Stabil .5 < DT Grader C

Stasjon : AAS

Parameter: Temperatur differanse (DT)

Enhet : Grader C

Periode : 01.06.88 - 30.06.88

a)

Time	Klasser			
	I	II	III	IV
01	.0	16.7	56.7	26.7
02	.0	16.7	50.0	33.3
03	.0	16.7	56.7	26.7
04	.0	20.0	53.3	26.7
05	.0	36.7	60.0	3.3
06	.0	73.3	26.7	.0
07	.0	90.0	10.0	.0
08	13.3	83.3	3.3	.0
09	46.7	53.3	.0	.0
10	73.3	26.7	.0	.0
11	76.7	23.3	.0	.0
12	66.7	33.3	.0	.0
13	43.3	56.7	.0	.0
14	46.7	50.0	3.3	.0
15	30.0	70.0	.0	.0
16	23.3	76.7	.0	.0
17	23.3	76.7	.0	.0
18	6.7	93.3	.0	.0
19	10.0	86.7	3.3	.0
20	3.3	90.0	6.7	.0
21	.0	50.0	46.7	3.3
22	.0	20.0	60.0	20.0
23	.0	16.7	56.7	26.7
24	.0	20.0	56.7	23.3
Total	19.3	49.9	22.9	7.9

Antall obs : 720

Manglende obs: 0

Stasjon : AAS
 Parameter: Temperatur differanse (DT)
 Enhet : Grader C
 Periode : 01.07.88 - 31.07.88

Stasjon : AAS
 Parameter: Temperatur differanse (DT)
 Enhet : Grader C
 Periode : 01.08.88 - 31.08.88

b)

Time	Klasser			
	I	II	III	IV
01	.0	19.4	74.2	6.5
02	.0	19.4	74.2	6.5
03	.0	29.0	67.7	3.2
04	.0	29.0	71.0	.0
05	.0	51.6	48.4	.0
06	6.5	74.2	19.4	.0
07	6.5	87.1	6.5	.0
08	19.4	77.4	3.2	.0
09	38.7	61.3	.0	.0
10	48.4	51.6	.0	.0
11	45.2	54.8	.0	.0
12	51.6	48.4	.0	.0
13	38.7	61.3	.0	.0
14	32.3	67.7	.0	.0
15	25.8	74.2	.0	.0
16	25.8	74.2	.0	.0
17	6.7	90.0	3.3	.0
18	9.7	77.4	12.9	.0
19	6.5	83.9	9.7	.0
20	.0	80.6	16.1	3.2
21	.0	51.6	45.2	3.2
22	.0	29.0	64.5	6.5
23	.0	22.6	71.0	6.5
24	.0	16.1	74.2	9.7
Total	15.1	55.5	27.6	1.9

Antall obs : 743
 Manglende obs: 1

c)

Time	Klasser			
	I	II	III	IV
01	.0	29.0	58.1	12.9
02	.0	29.0	64.5	6.5
03	.0	32.3	64.5	3.2
04	.0	45.2	48.4	6.5
05	.0	48.4	51.6	.0
06	.0	71.0	29.0	.0
07	3.3	93.3	3.3	.0
08	6.7	93.3	.0	.0
09	30.0	70.0	.0	.0
10	66.7	33.3	.0	.0
11	66.7	33.3	.0	.0
12	48.3	51.7	.0	.0
13	50.0	50.0	.0	.0
14	30.0	70.0	.0	.0
15	30.0	70.0	.0	.0
16	26.7	66.7	6.7	.0
17	13.3	86.7	.0	.0
18	16.7	83.3	.0	.0
19	13.3	76.7	6.7	3.3
20	.0	60.0	40.0	.0
21	.0	36.7	63.3	.0
22	.0	20.0	76.7	3.3
23	.0	30.0	63.3	6.7
24	.0	26.7	66.7	6.7
Total	16.6	54.3	27.0	2.1

Antall obs : 725
 Manglende obs: 19

Tabell A9: Frekvens (i %) av vind og stabilitet på Ås:

a) juni 1988

b) juli 1988

c) august 1988

Klasse I: Ustabil OT < - .5 Grader C
 Klasse II: Nøytral -.5 < OT < .0 Grader C
 Klasse III: Lett stabil .0 < OT < .5 Grader C
 Klasse IV: Stabil .5 < OT Grader C

Vindstille: U mindre eller lik .2 m/s

a)

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.06.88 - 30.06.88

Enhet : Prosent

Vind- retning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				Rose	
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV		
30	.0	.8	.4	.1	.4	2.9	.8	.0	.1	1.8	.1	.0	.0	.0	.0	.0	.0	7.6
60	.1	.6	.4	.3	1.5	3.1	.6	.1	.6	.6	.0	.0	.0	.0	.0	.0	.0	7.8
90	.3	1.4	.4	.0	.7	1.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.6
120	.6	1.8	1.7	.4	2.2	6.9	1.7	.0	1.2	.8	.0	.0	.0	.0	.0	.0	.0	17.4
150	.6	2.8	.7	.3	1.7	5.3	.4	.1	.7	1.1	.0	.0	.0	.0	.0	.0	.0	13.6
180	.1	1.8	1.0	.0	1.1	4.3	.7	.0	.8	2.1	.0	.0	.0	.0	.0	.0	.0	11.9
210	.8	.7	.6	.1	.3	.6	.1	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	3.8
240	.6	.8	.7	.0	.0	.3	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	2.6
270	.8	.4	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
300	1.4	1.1	.7	.7	.8	1.5	1.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6
330	.6	1.4	2.1	1.8	.0	1.1	4.0	1.8	.0	.1	.3	.1	.0	.0	.0	.0	.0	13.3
360	.1	.6	1.4	.3	.3	1.0	2.1	.7	.0	.4	.0	.0	.0	.1	.0	.0	.0	6.9
Stille	.0	.0	.1	.0														.1
Total	6.0	14.2	10.3	4.0	9.0	28.5	12.2	3.8	4.2	7.1	.4	.1	.1	.1	.0	.0	.0	100.0

Forekomst 34.4 %
 Vindstyrke 1.4 m/s

53.5 %
 2.9 m/s

11.8 %
 4.5 m/s

.3 %
 6.4 m/s

100.0 %
 2.6 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	19.3 %	49.9 %	22.9 %	7.9 %	100.0 %

Antall obs. : 720

Manglende obs.: 0

b)

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.07.88 - 31.07.88
 Enhet : Prosent

Vind- retning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				Rose
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
30	.0	.9	1.2	.0	.4	1.9	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	5.1
60	.3	.8	1.2	.0	.1	1.7	.5	.0	.0	.8	.0	.0	.0	.0	.0	.0	5.5
90	.1	.3	1.5	.1	.1	2.0	.5	.0	.0	1.3	.1	.0	.0	.0	.0	.0	6.2
120	.3	3.1	.8	.1	1.1	3.0	.1	.0	.1	3.1	.0	.0	.0	.8	.0	.0	12.5
150	.0	1.5	1.1	.0	.5	3.5	.1	.1	.3	1.2	.1	.0	.0	.3	.0	.0	8.7
180	.1	1.2	1.1	.0	1.2	5.1	1.5	.0	2.6	4.6	.0	.0	1.3	1.6	.0	.0	20.3
210	.7	.4	1.5	.1	.9	4.4	2.7	.1	.9	2.7	.4	.0	.4	.4	.0	.0	15.7
240	.3	.7	1.1	.0	.5	.7	.1	.0	.4	.3	.0	.0	.1	.1	.0	.0	4.3
270	.4	.3	.4	.3	.1	.7	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	2.6
300	.9	1.2	1.6	.1	.1	1.1	3.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.5
330	.1	.8	1.3	.4	.1	.7	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7
360	.0	1.3	1.1	.0	.1	.9	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.8
Stille	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Total	3.2	12.5	13.9	1.2	5.5	25.7	12.8	.7	4.4	14.0	.9	.0	1.9	3.2	.0	.0	100.0

Forekomst : 30.8 %
 Vindstyrke : 1.3 m/s

Forekomst : 44.7 %
 Vindstyrke : 2.9 m/s

Forekomst : 19.4 %
 Vindstyrke : 4.8 m/s

Forekomst : 5.1 %
 Vindstyrke : 7.0 m/s

Forekomst : 100.0 %
 Vindstyrke : 3.0 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	15.1 %	55.5 %	27.6 %	1.9 %	100.0 %

Antall obs. : 743
 Manglende obs.: 1

c)

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.08.88 - 31.08.88
 Enhet : Prosent

Vind- retning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				Rose
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
30	.3	1.0	.3	.0	.1	1.9	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	4.0
60	.0	.8	.3	.0	.0	1.7	.3	.0	.0	.3	.1	.0	.0	.0	.0	.0	3.4
90	.4	.4	.4	.0	.1	.4	.8	.0	.0	.7	.0	.0	.0	.0	.0	.0	3.3
120	1.1	2.6	1.8	.1	1.5	3.4	1.1	.1	.4	1.2	.0	.0	.0	.6	.0	.0	14.1
150	.4	1.4	.6	.0	1.0	6.3	.6	.1	.3	2.6	.0	.0	.0	.6	.0	.0	13.8
180	.7	1.5	1.5	.0	.1	5.4	.6	.0	.3	3.4	.0	.0	.0	.0	.0	.0	13.5
210	1.1	.8	1.1	.0	.1	2.1	1.8	.0	.6	1.0	.1	.0	.1	.0	.0	.0	8.8
240	.4	.3	.0	.0	.7	.1	.4	.0	.6	.0	.0	.0	.1	.0	.0	.0	2.6
270	.7	.8	.3	.1	.1	.6	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	3.2
300	1.2	3.6	2.2	.0	2.1	3.3	5.4	.7	.1	.0	.3	.3	.0	.0	.0	.0	19.2
330	.1	1.7	1.4	.1	.4	1.1	3.7	.4	.0	.0	.1	.0	.0	.0	.0	.0	9.1
360	.6	.3	.3	.0	.4	1.4	.8	.0	.1	.8	.0	.0	.0	.0	.0	.0	4.7
Stille	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
Total	7.0	15.3	10.2	.4	6.8	27.7	16.1	1.4	2.5	10.2	.7	.3	.3	1.1	.0	.0	100.0

Forekomst : 33.0 %
 Vindstyrke : 1.3 m/s

Forekomst : 52.0 %
 Vindstyrke : 2.9 m/s

Forekomst : 13.7 %
 Vindstyrke : 4.6 m/s

Forekomst : 1.4 %
 Vindstyrke : 6.6 m/s

Forekomst : 100.0 %
 Vindstyrke : 2.7 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	16.6 %	54.3 %	27.0 %	2.1 %	100.0 %

Antall obs. : 725
 Manglende obs.: 19

Tabell A10: Horisontal turbulens som funksjon av vindretning, fire vindstyrkeklasser og fire stabilitetsklasser for Ås sommeren 1988.

a) sigma kort

b) sigma kort + lang

a)

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

SIGK : AAS
 Periode : 01.06.88 - 31.08.88
 Enhet : GRADER

Vindretning	.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	44.9	26.4	23.2	5.6	27.7	18.8	13.0	-	21.5	18.0	10.5	-	-	-	-	-	20.6
60	35.1	25.3	23.3	13.3	29.5	19.9	15.5	11.2	19.5	15.9	15.8	-	-	-	-	-	21.3
90	44.9	23.9	13.5	4.2	21.0	14.8	7.5	3.4	18.2	13.3	16.4	-	-	-	-	-	16.8
120	42.4	23.9	14.6	12.2	22.8	14.3	4.9	4.4	12.7	12.5	-	-	-	12.9	-	-	17.1
150	38.1	22.4	20.0	11.3	22.8	16.9	9.1	4.9	16.3	15.8	13.9	-	-	14.4	-	-	18.4
180	40.0	23.0	16.7	-	27.0	17.2	15.5	-	18.3	16.5	-	-	16.4	16.1	-	-	18.5
210	29.8	29.7	23.6	9.9	24.5	18.9	16.2	10.3	19.0	17.0	15.8	-	15.7	16.8	-	-	20.4
240	37.5	27.5	23.4	-	26.1	20.5	15.1	-	19.5	20.3	-	-	18.4	19.6	-	-	24.7
270	27.6	26.2	31.5	31.7	19.3	21.5	19.4	-	21.3	-	16.5	-	-	-	-	-	25.4
300	27.1	19.4	21.3	27.4	18.3	12.9	8.0	4.5	11.4	-	5.5	3.7	-	-	-	-	15.3
330	35.0	16.8	16.7	11.4	30.6	11.0	6.1	4.6	-	13.0	6.1	5.4	-	-	-	-	11.6
360	54.9	22.7	14.1	32.6	27.2	13.8	9.4	6.1	14.9	14.7	-	-	-	16.5	-	-	16.3
Stille	-	61.8	59.1	-	-	-	-	-	-	-	-	-	-	-	-	-	60.0
Middel	34.6	23.1	19.3	16.1	23.9	16.5	9.6	5.1	17.5	15.6	11.7	4.3	16.6	15.0	-	-	18.0

Konsentr. 23.3 15.2 15.8 15.6

Middelverdi for ulike stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV
Konsentr.	25.6	18.0	14.0	10.3

Antall obs. : 2188
 Manglende obs.: 20

b)

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

SIGKL : AAS
 Periode : 01.06.88 - 31.08.88
 Enhet : GRADER

Vindretning	.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	54.3	39.1	42.4	19.9	33.3	21.3	16.3	-	23.9	18.9	11.9	-	-	-	-	-	26.9
60	54.3	33.1	42.5	23.9	34.6	23.1	18.0	14.3	22.6	16.8	16.4	-	-	-	-	-	27.4
90	55.2	30.8	26.8	15.9	23.2	18.3	14.1	15.3	19.1	14.4	17.9	-	-	-	-	-	22.9
120	65.0	38.2	23.5	32.3	29.5	17.1	8.2	15.7	13.7	14.4	-	-	-	13.4	-	-	23.9
150	51.5	30.3	34.9	16.2	26.8	20.7	11.6	10.0	17.9	17.4	30.6	-	-	16.2	-	-	23.4
180	55.1	33.0	26.3	-	35.7	20.6	18.8	-	19.3	17.9	-	-	16.8	16.3	-	-	22.7
210	36.8	43.9	31.7	21.8	27.7	20.9	18.1	11.8	20.4	17.9	16.3	-	16.4	17.3	-	-	24.3
240	51.7	37.7	35.0	-	27.7	21.5	16.1	-	20.3	20.8	-	-	19.0	20.0	-	-	31.1
270	45.1	36.6	47.7	70.6	21.6	28.7	23.2	-	34.0	-	16.6	-	-	-	-	-	38.3
300	32.3	31.0	42.0	64.3	20.6	17.5	11.8	8.9	12.5	-	7.0	4.6	-	-	-	-	23.4
330	43.6	26.4	31.1	21.9	36.7	14.3	9.3	9.4	-	18.8	7.3	7.6	-	-	-	-	18.5
360	73.5	31.5	21.5	50.2	36.7	15.8	13.9	14.4	21.6	16.7	-	-	-	16.9	-	-	22.5
Stille	-	89.5	109.8	-	-	-	-	-	-	-	-	-	-	-	-	-	103.0
Middel	46.8	33.9	32.9	33.9	29.0	19.7	13.0	10.6	19.1	17.0	13.7	5.6	17.1	15.6	-	-	24.1

Konsentr. 35.7 18.9 17.3 16.1

Middelverdi for ulike stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV
Konsentr.	31.9	22.8	21.8	21.5

Antall obs. : 2188
 Manglende obs.: 20

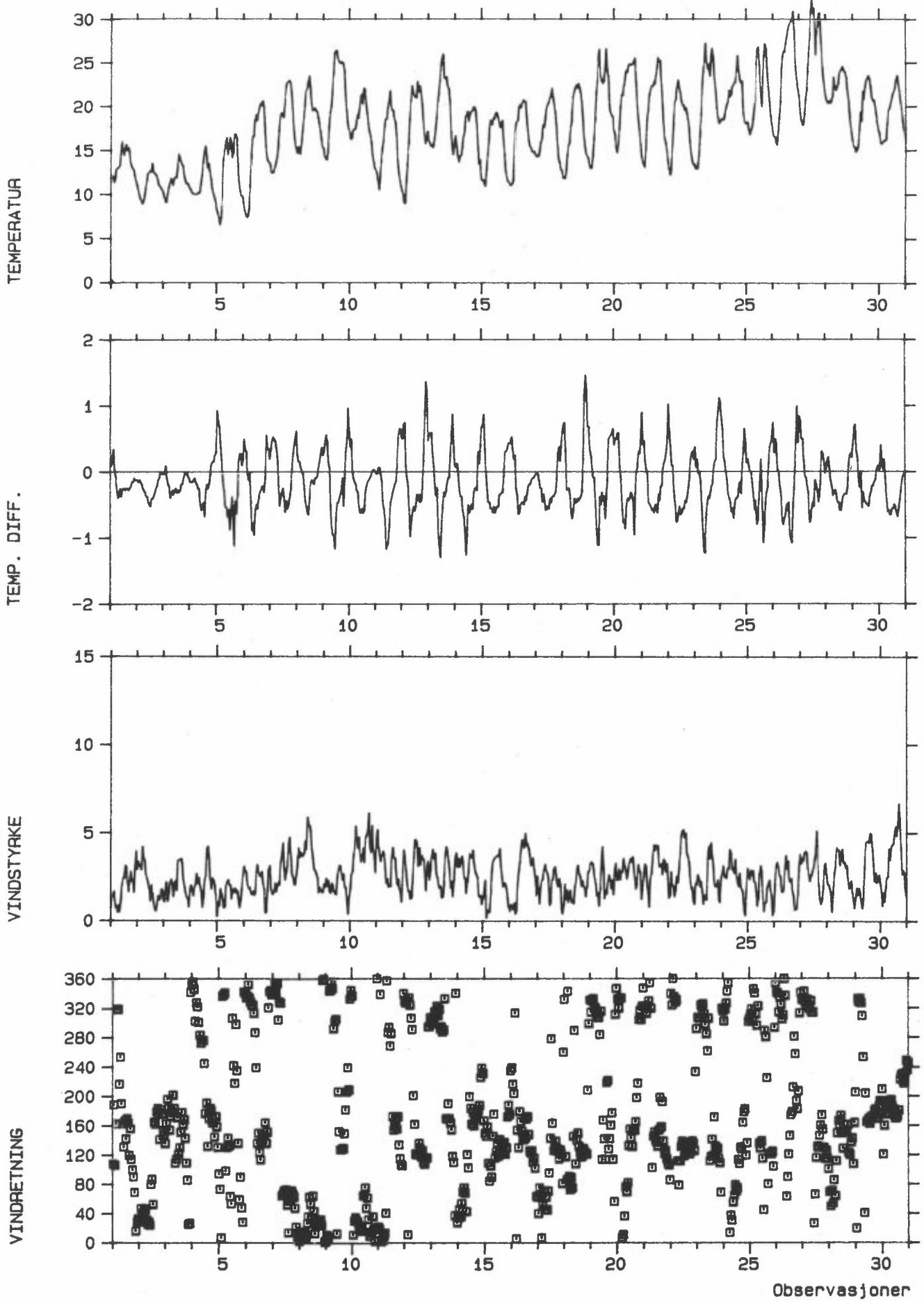
VEDLEGG B

Grafisk fremstilling av tidsforløpet av:

Temperatur	(2 m) ($^{\circ}$ C)
Temperatur differanse (25-10 m)	($^{\circ}$ C)
Vindhastighet	(25 m) (m/s)
Vindretning	(25 m) (grader)

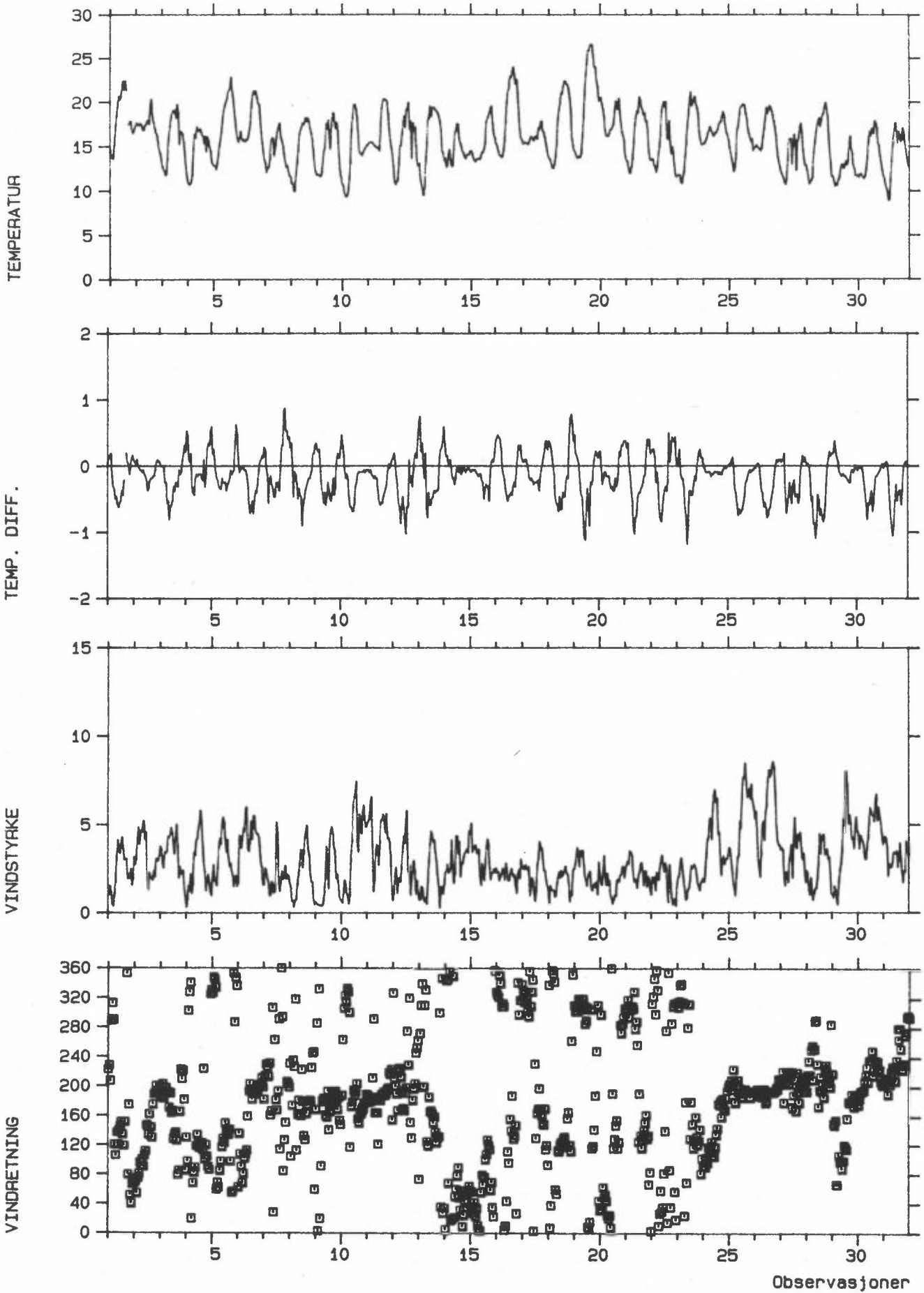
for månedene juni, juli og august 1988 ved Ås.

Stasjon: AS
Måned : JUNI 1988



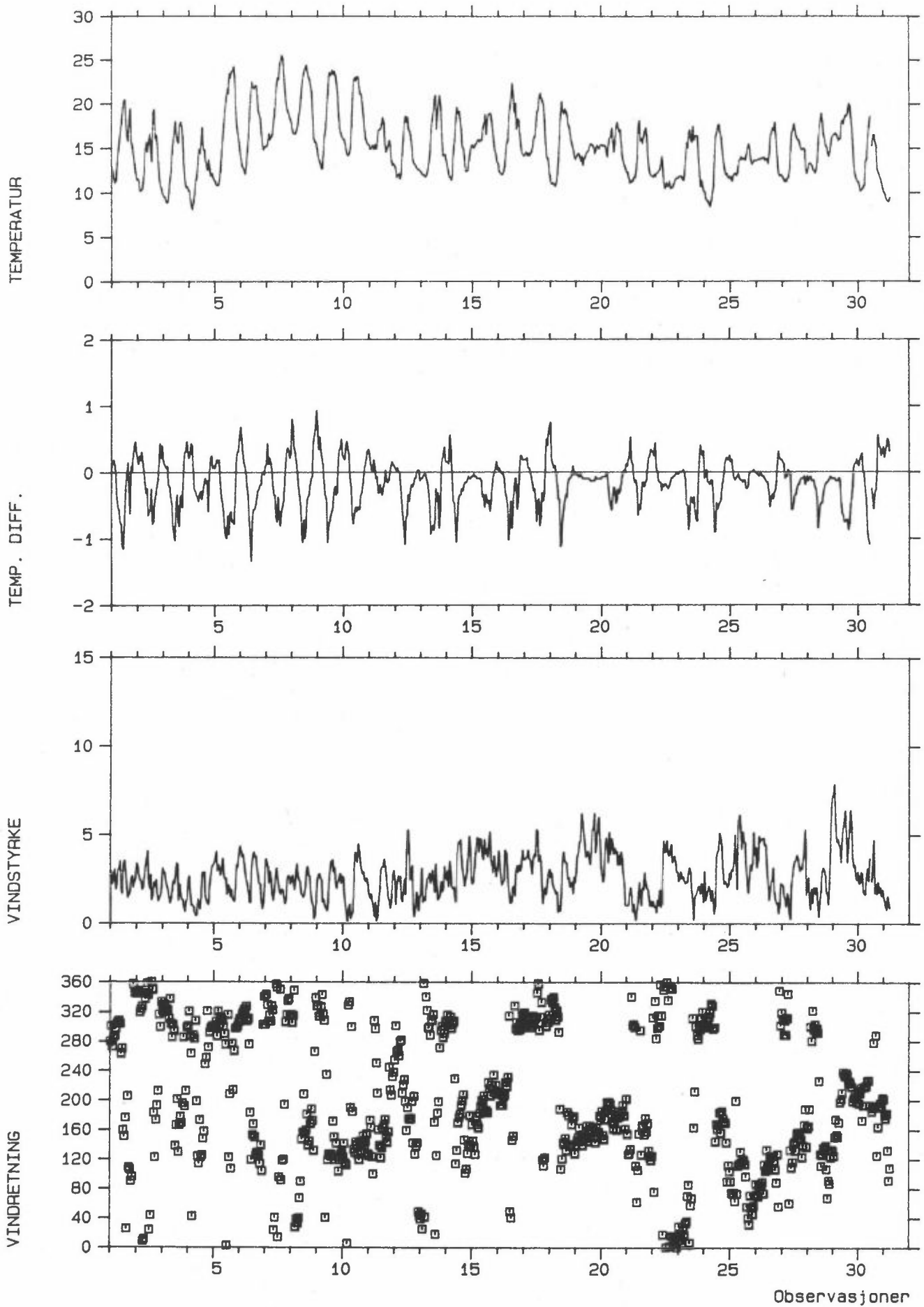
Stasjon: ÅS

Måned : JULI 1988



Stasjon: Ås

Måned : AUGUST 1988



VEDLEGG C

Liste over timesmidlede meteorologiske data
fra Ås.

Sommeren 1988 (01.06.88-31.08.88).

FØLGENDE PARAMETRE ER GITT I DEN SYNOPTISKE LISTEN AV DATA

1. DD-25 = vindretning (grader; 90 = vind fra øst,
180 = vind fra sør, osv.)
2. FF-25 = vindstryke (m/s) 25 m over bakken ved Ås
3. GUST1 = høyeste 1 sek.-midl. vindhastighet 25 m over bakken ved Ås
4. GUST3 = høyeste 3 sek.-midl. vindhastighet 25 m over bakken ved Ås
5. SIGK = standardavvik i vindretningsfluktasjoner (σ_{θ}) midlet over
5 min. (grader)
6. SIGKL = timesmiddel av σ_{θ} (grader)
7. T-25 = lufttemperatur ($^{\circ}\text{C}$) 25 m over bakken ved Ås
8. T-2 = lufttemperatur ($^{\circ}\text{C}$) 2 m over bakken ved Ås
9. DT = temperaturforskjell ($^{\circ}\text{C}$) 25-10 m ved Ås
10. RH-2 = relativ fuktighet (%) 2 m over bakken ved Ås

Observasjon 99 betegner manglende data.

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
1	6 88	1	108.	.7	1.8	1.6	22.4	44.3	12.3	11.9	.09	.92
1	6 88	2	188.	1.3	3.2	3.0	12.0	21.4	12.6	12.1	.09	.93
1	6 88	3	107.	1.4	2.4	2.4	15.5	32.0	12.6	12.0	.22	.93
1	6 88	4	163.	1.7	2.6	2.4	7.0	35.8	11.9	11.4	.34	.92
1	6 88	5	319.	.8	2.2	2.2	37.7	73.1	12.2	11.9	.03	.92
1	6 88	6	319.	.9	2.8	2.6	16.9	22.9	12.5	12.9	-.06	.92
1	6 88	7	217.	.5	1.2	1.2	21.6	34.7	12.9	13.0	-.28	.90
1	6 88	8	253.	.9	2.0	1.8	28.6	32.8	12.9	13.1	-.40	.89
1	6 88	9	190.	.6	1.8	1.6	38.4	47.8	12.9	13.3	-.37	.91
1	6 88	10	163.	1.3	3.0	2.8	16.5	19.5	13.8	14.5	-.25	.86
1	6 88	11	131.	2.0	4.2	3.8	21.6	24.1	15.1	16.0	-.37	.85
1	6 88	12	167.	2.5	4.8	4.4	15.7	21.6	14.8	15.2	-.28	.83
1	6 88	13	142.	2.4	4.4	4.2	13.4	18.5	14.1	14.5	-.25	.87
1	6 88	14	170.	3.2	6.0	5.8	15.6	19.5	14.7	15.4	-.25	.86
1	6 88	15	165.	3.1	7.0	6.6	17.2	17.8	14.9	15.7	-.28	.84
1	6 88	16	120.	2.2	4.0	3.8	17.0	24.4	14.6	15.0	-.25	.87
1	6 88	17	156.	1.7	3.8	3.6	23.7	31.7	14.8	15.3	-.25	.87
1	6 88	18	114.	2.2	4.2	4.0	15.1	20.4	14.6	14.9	-.28	.87
1	6 88	19	100.	2.8	4.8	4.4	8.3	10.1	13.4	13.5	-.25	.92
1	6 88	20	90.	2.3	3.4	3.2	8.0	9.0	13.1	13.2	-.22	.93
1	6 88	21	69.	2.4	3.6	3.4	9.1	17.2	12.9	13.0	-.16	.94
1	6 88	22	17.	1.6	4.2	3.8	13.8	21.5	12.6	12.7	-.16	.94
1	6 88	23	30.	2.9	5.8	5.4	12.5	13.2	12.1	12.1	-.09	.92
1	6 88	24	34.	4.0	7.2	6.8	14.5	14.7	11.6	11.6	-.12	.91
2	6 88	1	30.	2.9	6.4	6.0	17.6	18.3	11.1	11.1	-.12	.90
2	6 88	2	30.	3.4	8.4	7.6	20.2	20.7	10.6	10.6	-.12	.88
2	6 88	3	48.	3.2	6.6	6.2	17.7	19.3	9.9	10.0	-.16	.88
2	6 88	4	41.	3.1	7.0	6.4	16.3	17.0	9.5	9.5	-.12	.89
2	6 88	5	38.	2.9	7.2	7.0	17.5	18.7	9.2	9.3	-.16	.88
2	6 88	6	48.	4.2	8.6	7.8	18.7	19.1	8.7	9.0	-.19	.85
2	6 88	7	46.	3.6	8.4	7.8	21.6	21.9	8.8	9.1	-.25	.82
2	6 88	8	32.	3.4	8.2	7.8	19.7	20.4	9.2	9.8	-.28	.81
2	6 88	9	27.	2.7	7.2	6.6	22.8	24.4	9.8	10.6	-.31	.79
2	6 88	10	30.	2.4	5.0	4.6	25.8	27.3	10.6	11.6	-.37	.76
2	6 88	11	25.	2.2	4.8	4.6	30.1	33.6	11.4	12.4	-.37	.75
2	6 88	12	80.	1.8	3.8	3.8	25.6	29.3	11.9	12.5	-.47	.74
2	6 88	13	87.	1.1	2.8	2.6	38.4	42.9	12.1	12.6	-.50	.77
2	6 88	14	53.	2.0	3.8	3.6	16.0	17.3	11.9	12.6	-.53	.78
2	6 88	15	166.	1.6	4.0	3.8	22.9	34.9	12.7	13.5	-.40	.75
2	6 88	16	163.	1.1	2.0	2.0	21.4	32.7	12.2	12.6	-.40	.79
2	6 88	17	180.	.7	1.4	1.2	13.3	17.7	11.9	12.4	-.37	.86
2	6 88	18	184.	.6	1.2	1.2	14.9	17.8	11.9	12.3	-.31	.88
2	6 88	19	176.	.9	1.8	1.6	10.7	14.1	11.8	12.1	-.25	.89
2	6 88	20	142.	1.4	2.8	2.6	12.9	22.0	11.5	11.7	-.22	.90
2	6 88	21	183.	1.2	2.4	2.2	9.0	16.0	11.1	11.1	-.12	.92
2	6 88	22	177.	1.3	2.2	2.2	9.5	11.8	10.9	10.9	-.09	.92
2	6 88	23	153.	1.8	3.2	3.0	8.3	11.2	10.8	10.7	.00	.91
2	6 88	24	149.	1.8	3.2	3.0	12.3	13.9	10.7	10.5	-.03	.92
3	6 88	1	136.	1.2	3.0	2.8	17.5	20.3	10.4	10.2	-.03	.93
3	6 88	2	163.	1.1	2.6	2.4	17.6	20.6	10.1	9.7	-.03	.93
3	6 88	3	197.	2.2	4.2	4.0	11.6	20.7	9.4	9.2	-.03	.92
3	6 88	4	184.	2.2	4.2	3.8	13.0	14.7	9.3	9.1	.09	.90
3	6 88	5	155.	1.1	2.8	2.8	13.3	22.4	9.9	10.0	-.09	.89
3	6 88	6	173.	1.7	3.6	3.4	13.3	19.8	10.4	10.8	-.19	.86
3	6 88	7	179.	2.2	5.2	5.0	18.4	20.5	10.8	11.3	-.22	.84
3	6 88	8	202.	2.4	5.0	4.6	20.4	21.5	11.3	11.9	-.40	.80
3	6 88	9	184.	2.1	4.2	3.8	13.9	14.8	11.2	11.6	-.34	.83
3	6 88	10	110.	1.4	2.8	2.8	16.3	27.4	10.7	11.0	-.28	.92
3	6 88	11	115.	2.2	4.4	4.2	12.3	12.7	11.2	11.9	-.34	.91
3	6 88	12	172.	2.3	4.8	4.4	16.3	21.4	11.5	12.0	-.28	.92
3	6 88	13	122.	1.8	4.4	4.2	19.1	30.8	11.5	11.9	-.25	.92
3	6 88	14	131.	3.5	6.8	6.4	12.7	13.0	12.3	12.9	-.31	.89
3	6 88	15	152.	3.5	6.8	6.6	15.9	17.0	13.6	14.6	-.28	.84
3	6 88	16	179.	3.5	7.0	6.2	16.6	19.8	13.5	14.2	-.31	.81
3	6 88	17	162.	3.5	7.0	6.6	16.5	18.8	13.3	13.8	-.28	.83
3	6 88	18	169.	3.3	7.4	6.8	15.3	16.0	13.0	13.4	-.19	.82
3	6 88	19	143.	2.3	4.8	4.6	15.7	18.4	13.0	13.3	-.19	.85
3	6 88	20	110.	2.0	4.8	4.6	9.3	15.3	12.1	12.1	-.09	.89
3	6 88	21	86.	1.6	2.8	2.8	6.6	15.9	11.7	11.6	-.03	.93
3	6 88	22	25.	1.3	2.0	2.0	6.3	18.2	11.6	11.2	-.03	.93
3	6 88	23	27.	1.3	2.4	2.2	6.0	12.1	11.5	11.3	.00	.92
3	6 88	24	342.	.8	2.0	1.8	20.0	26.3	11.2	11.0	-.06	.92

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
4	6	88	1	353.	1.9	3.8	3.8	7.4	12.5	10.7	10.7	-.09	.93
4	6	88	2	356.	2.0	3.8	3.6	9.3	11.1	10.5	10.5	-.16	.93
4	6	88	3	346.	1.7	3.6	3.4	9.9	11.5	10.3	10.2	-.16	.92
4	6	88	4	302.	1.4	4.0	3.6	12.9	21.1	10.2	10.1	-.16	.93
4	6	88	5	328.	1.9	2.8	2.6	4.7	9.2	9.9	10.0	-.12	.93
4	6	88	6	322.	2.1	3.0	3.0	4.7	10.6	9.9	10.0	-.09	.92
4	6	88	7	301.	2.7	4.4	4.2	6.1	8.8	9.9	10.0	-.16	.92
4	6	88	8	284.	2.1	3.6	3.4	7.8	12.3	10.0	10.2	-.19	.91
4	6	88	9	273.	2.4	4.2	3.8	8.0	8.4	10.0	10.2	-.25	.91
4	6	88	10	277.	2.0	3.4	3.2	11.8	15.2	10.0	10.2	-.25	.91
4	6	88	11	277.	1.7	3.4	3.0	14.9	16.6	10.9	11.3	-.50	.89
4	6	88	12	245.	.8	2.0	1.8	27.1	32.4	11.7	12.0	-.59	.85
4	6	88	13	177.	1.4	3.8	3.4	26.8	32.4	12.8	13.6	-.50	.85
4	6	88	14	191.	2.3	5.0	5.0	22.1	22.7	13.7	14.6	-.47	.80
4	6	88	15	132.	2.6	5.0	4.8	20.6	33.7	14.5	15.5	-.68	.77
4	6	88	16	170.	4.1	9.0	7.8	16.7	22.1	13.8	14.5	-.28	.83
4	6	88	17	184.	4.3	8.8	8.4	14.3	15.1	12.8	13.0	-.19	.83
4	6	88	18	181.	3.6	7.0	6.6	15.7	16.0	12.9	13.5	-.25	.84
4	6	88	19	165.	2.4	5.4	5.0	18.2	19.7	12.4	12.6	-.19	.85
4	6	88	20	165.	1.8	3.8	3.6	11.4	13.6	11.9	11.7	-.06	.89
4	6	88	21	145.	2.4	4.2	4.0	11.5	16.2	11.2	10.7	.12	.91
4	6	88	22	173.	2.3	4.4	4.2	12.2	14.8	10.7	10.1	.16	.91
4	6	88	23	159.	2.1	3.6	3.4	11.8	16.7	10.6	9.7	.16	.91
4	6	88	24	131.	1.5	3.8	3.4	8.1	13.2	10.4	9.3	.25	.91
5	6	88	1	94.	.3	1.0	.8	21.3	42.4	9.9	8.3	.28	.92
5	6	88	2	73.	1.1	2.0	1.8	18.8	22.1	9.3	7.9	.93	.91
5	6	88	3	7.	.9	1.8	1.6	25.0	51.7	8.8	7.3	.78	.90
5	6	88	4	337.	1.9	3.2	3.0	8.3	14.0	6.8	6.6	.68	.89
5	6	88	5	339.	1.6	3.2	3.0	9.3	10.0	7.5	7.3	.43	.90
5	6	88	6	342.	1.3	3.0	2.8	10.9	11.4	9.5	9.7	.19	.93
5	6	88	7	98.	.7	1.8	1.6	45.9	57.5	12.3	13.9	-.12	.89
5	6	88	8	131.	.8	3.4	3.0	60.7	80.6	13.8	14.8	-.28	.85
5	6	88	9	143.	2.0	4.0	3.6	22.8	26.2	14.4	15.8	-.53	.80
5	6	88	10	134.	2.3	5.2	5.0	21.3	22.1	15.1	16.5	-.53	.69
5	6	88	11	63.	2.3	5.2	5.0	76.1	103.5	13.6	14.4	-.68	.81
5	6	88	12	53.	2.1	4.6	4.2	23.7	27.0	13.6	15.1	-.56	.81
5	6	88	13	307.	2.0	4.4	4.2	71.9	80.0	15.2	16.5	-.87	.75
5	6	88	14	242.	1.2	3.8	3.8	63.3	100.4	15.2	16.1	-.62	.75
5	6	88	15	218.	1.8	4.0	3.6	28.6	34.2	13.8	14.1	-.37	.81
5	6	88	16	298.	1.7	4.2	4.0	20.1	32.7	14.1	14.7	-.59	.80
5	6	88	17	235.	1.9	4.2	3.8	19.0	29.4	15.8	16.8	-1.12	.78
5	6	88	18	136.	1.6	3.6	3.4	38.3	52.4	15.9	16.9	-.43	.74
5	6	88	19	59.	1.7	3.8	3.6	16.2	23.3	15.4	16.4	-.62	.73
5	6	88	20	90.	1.3	2.2	2.2	10.9	22.3	13.9	13.6	-.34	.85
5	6	88	21	48.	.8	1.6	1.4	15.9	28.3	12.9	11.3	.16	.93
5	6	88	22	28.	1.2	2.4	2.2	7.8	19.1	12.0	10.4	.28	.94
5	6	88	23	343.	1.8	3.2	3.0	6.0	16.6	11.1	9.8	.28	.93
5	6	88	24	342.	2.6	4.6	4.4	6.4	7.7	10.4	9.8	.09	.92
6	6	88	1	335.	3.1	5.6	5.2	6.6	9.5	9.6	9.1	.19	.91
6	6	88	2	337.	2.9	4.2	3.8	4.7	9.4	8.7	8.2	.50	.91
6	6	88	3	353.	2.8	4.4	4.0	5.4	11.1	8.1	7.7	.34	.91
6	6	88	4	335.	2.1	3.8	3.6	7.7	11.3	7.6	7.4	.31	.91
6	6	88	5	329.	1.9	3.0	2.8	8.6	15.4	7.4	7.5	-.03	.91
6	6	88	6	325.	1.9	3.8	3.8	10.5	11.1	7.8	8.2	-.12	.92
6	6	88	7	325.	1.6	3.2	3.0	12.5	13.5	9.8	10.9	.00	.92
6	6	88	8	314.	1.5	2.8	2.8	12.1	13.5	13.0	14.2	-.43	.84
6	6	88	9	287.	1.7	3.0	2.8	13.8	16.3	15.4	16.6	-.90	.78
6	6	88	10	239.	1.5	3.2	2.6	19.3	26.3	16.1	16.6	-.78	.76
6	6	88	11	136.	1.6	4.4	4.0	37.7	47.3	17.5	18.4	-.96	.73
6	6	88	12	150.	2.9	5.8	5.4	21.0	24.8	17.8	19.1	-.56	.74
6	6	88	13	124.	3.2	5.8	5.6	17.6	18.9	17.4	18.5	-.50	.76
6	6	88	14	114.	2.8	6.0	5.4	23.2	25.3	18.0	19.2	-.56	.74
6	6	88	15	139.	2.6	5.4	4.8	21.0	24.7	18.6	19.9	-.40	.72
6	6	88	16	146.	2.6	5.4	5.0	22.6	23.7	19.2	20.4	-.31	.68
6	6	88	17	146.	2.8	5.0	4.6	17.6	18.7	19.2	20.2	-.28	.65
6	6	88	18	165.	2.2	3.8	3.6	19.0	21.9	19.6	20.7	-.22	.62
6	6	88	19	136.	1.8	3.4	3.2	13.3	19.7	19.4	20.0	-.22	.63
6	6	88	20	152.	.5	1.6	1.4	19.6	23.3	18.9	17.7	-.31	.73
6	6	88	21	321.	.5	1.6	1.4	33.7	86.0	18.6	15.5	-.09	.76
6	6	88	22	343.	1.7	2.4	2.4	2.4	10.1	16.5	14.1	.56	.81
6	6	88	23	344.	2.9	5.4	5.2	4.4	6.6	15.3	13.8	.37	.85
6	6	88	24	339.	3.1	5.6	5.4	6.0	6.6	14.2	13.6	.34	.86

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
7	6	88	1	342.	1.9	3.8	3.4	8.1	8.7	13.9	13.3	.19	.85
7	6	88	2	340.	1.6	3.0	2.8	10.4	16.3	13.0	12.5	.34	.88
7	6	88	3	353.	1.5	3.2	2.6	9.4	10.8	12.9	12.4	.47	.88
7	6	88	4	342.	1.7	4.0	3.6	9.8	10.8	13.2	12.5	.53	.89
7	6	88	5	354.	2.2	4.6	4.4	8.7	11.0	13.5	13.1	.50	.87
7	6	88	6	304.	1.7	3.4	3.2	11.0	19.9	13.6	13.6	.47	.87
7	6	88	7	329.	2.0	4.6	3.8	8.9	19.1	14.0	14.0	.37	.87
7	6	88	8	328.	2.2	3.4	3.2	9.9	10.6	14.9	15.3	.22	.84
7	6	88	9	65.	2.1	6.2	6.0	33.6	53.1	16.6	17.2	-.22	.80
7	6	88	10	67.	3.3	6.8	6.4	19.4	20.0	18.2	18.9	-.53	.76
7	6	88	11	72.	3.7	8.0	8.0	19.4	20.3	18.8	19.3	-.40	.73
7	6	88	12	67.	4.4	9.2	8.8	16.0	17.0	18.9	19.1	-.31	.71
7	6	88	13	73.	3.1	7.6	7.2	18.5	19.5	18.7	18.8	-.25	.74
7	6	88	14	52.	2.3	5.8	5.4	19.9	22.9	19.7	20.3	-.37	.74
7	6	88	15	14.	2.8	6.0	5.6	23.3	29.2	21.1	22.3	-.62	.72
7	6	88	16	58.	3.1	9.2	8.6	25.1	34.1	21.7	22.8	-.43	.67
7	6	88	17	58.	4.3	8.4	8.2	18.3	19.2	22.1	22.8	-.56	.59
7	6	88	18	72.	4.7	10.0	9.6	18.2	18.8	22.5	23.0	-.50	.55
7	6	88	19	67.	3.9	8.0	7.6	17.4	18.4	22.3	22.8	-.40	.56
7	6	88	20	63.	2.7	5.6	5.4	13.6	14.7	21.9	21.7	-.28	.59
7	6	88	21	48.	2.5	5.2	5.0	10.5	11.2	20.8	19.9	.03	.61
7	6	88	22	22.	2.1	3.8	3.8	8.2	11.6	19.7	17.6	.25	.69
7	6	88	23	8.	2.1	3.2	3.0	4.7	9.5	18.7	16.2	.40	.76
7	6	88	24	13.	2.6	5.0	4.8	5.1	6.9	17.5	15.3	.50	.79
8	6	88	1	3.	3.1	5.2	4.8	5.4	6.1	16.7	14.7	.62	.79
8	6	88	2	15.	4.2	7.0	6.4	8.6	9.4	16.7	15.4	.25	.75
8	6	88	3	14.	3.6	6.2	5.8	8.2	8.7	16.0	14.8	.16	.74
8	6	88	4	6.	3.9	6.4	6.0	9.1	9.7	15.6	14.6	.16	.74
8	6	88	5	13.	3.7	6.6	6.4	9.7	10.2	15.9	15.8	.06	.71
8	6	88	6	15.	3.7	7.4	7.0	12.7	13.6	16.6	17.2	.00	.68
8	6	88	7	8.	3.9	7.8	7.2	14.8	15.1	17.6	18.7	-.03	.65
8	6	88	8	27.	4.5	9.2	8.6	16.5	18.5	19.0	20.1	-.22	.61
8	6	88	9	37.	4.1	11.4	11.0	22.6	23.4	20.6	21.9	-.43	.60
8	6	88	10	63.	5.9	12.2	11.8	18.3	22.2	21.1	22.1	-.53	.56
8	6	88	11	53.	5.5	11.4	10.8	21.3	24.6	21.9	22.8	-.62	.54
8	6	88	12	32.	5.4	11.2	10.4	21.5	23.9	22.5	23.5	-.65	.54
8	6	88	13	65.	5.1	11.0	10.0	17.3	20.3	21.8	22.1	-.40	.54
8	6	88	14	44.	4.1	8.4	8.0	19.1	20.6	20.4	20.3	-.16	.57
8	6	88	15	13.	3.6	7.4	6.8	16.7	19.2	19.5	19.5	-.12	.67
8	6	88	16	25.	3.0	6.2	5.8	17.0	17.8	19.4	19.7	-.16	.75
8	6	88	17	27.	2.9	6.8	6.4	20.9	22.1	19.6	19.8	-.19	.75
8	6	88	18	30.	2.7	7.0	6.4	16.9	17.6	19.6	19.6	-.09	.74
8	6	88	19	24.	2.5	5.8	5.4	17.6	19.9	19.5	19.4	-.09	.76
8	6	88	20	32.	1.6	3.8	3.6	21.0	25.2	19.2	18.8	-.06	.78
8	6	88	21	25.	1.9	5.0	4.8	20.3	24.4	18.8	18.2	.06	.79
8	6	88	22	359.	1.8	4.4	4.2	11.9	14.1	18.4	17.3	.16	.81
8	6	88	23	0.	1.7	3.8	3.8	8.9	10.2	18.1	16.4	.28	.84
8	6	88	24	1.	1.6	3.0	3.0	5.4	9.7	17.8	15.4	.37	.86
9	6	88	1	3.	2.1	3.8	3.6	8.8	13.3	17.1	15.2	.25	.86
9	6	88	2	11.	1.9	3.4	3.2	5.4	12.0	16.5	14.3	.31	.91
9	6	88	3	7.	2.4	4.0	3.8	5.8	7.6	15.9	14.1	.43	.92
9	6	88	4	344.	2.0	3.6	3.4	10.8	17.6	15.4	13.9	.56	.93
9	6	88	5	344.	2.3	4.8	4.6	9.1	14.6	15.0	14.7	.47	.92
9	6	88	6	356.	1.7	4.2	3.8	9.6	11.8	16.5	17.6	.16	.87
9	6	88	7	347.	1.6	3.6	3.2	17.3	19.9	17.8	19.2	.06	.84
9	6	88	8	292.	2.2	3.6	3.4	11.2	15.1	18.8	20.0	-.50	.82
9	6	88	9	302.	2.1	3.6	3.2	12.1	13.0	20.4	21.3	-.84	.80
9	6	88	10	305.	1.7	4.4	4.2	47.0	48.2	22.8	23.7	-.96	.77
9	6	88	11	13.	1.6	4.4	4.0	67.6	97.8	24.7	26.1	-.96	.73
9	6	88	12	207.	1.5	3.2	3.0	56.5	74.8	25.6	26.4	-1.18	.70
9	6	88	13	152.	2.4	4.8	4.4	22.8	28.7	25.3	26.5	-.71	.72
9	6	88	14	128.	2.9	5.4	5.2	14.7	16.9	24.8	25.6	-.47	.76
9	6	88	15	128.	3.2	4.8	4.6	11.8	12.6	24.5	25.2	-.47	.78
9	6	88	16	129.	3.1	5.4	5.0	11.4	12.0	24.3	25.0	-.40	.77
9	6	88	17	129.	2.7	4.8	4.6	12.5	13.1	24.4	25.0	-.34	.76
9	6	88	18	149.	2.4	4.2	4.0	13.1	17.7	24.5	25.1	-.28	.73
9	6	88	19	181.	2.7	5.2	4.8	13.0	14.4	24.3	24.9	-.09	.69
9	6	88	20	207.	2.0	3.8	3.6	14.0	16.2	24.2	24.2	-.53	.69
9	6	88	21	239.	1.9	3.2	3.0	9.5	13.3	22.7	21.5	-.09	.74
9	6	88	22	209.	1.1	2.4	2.2	8.3	17.6	21.6	19.5	.31	.80
9	6	88	23	333.	.4	1.6	1.4	40.3	98.1	20.6	18.2	.43	.86
9	6	88	24	344.	1.4	3.8	3.6	7.8	14.0	19.1	17.4	.96	.91

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
10	6	88	1	337.	1.8	3.4	3.2	5.8	7.3	18.3	17.0	.62	.93
10	6	88	2	11.	2.7	5.4	5.2	9.1	12.6	17.2	16.2	.37	.95
10	6	88	3	31.	2.8	9.8	9.2	20.3	22.7	17.4	16.4	.50	.88
10	6	88	4	35.	3.7	9.6	9.0	21.6	22.6	17.9	17.3	.00	.73
10	6	88	5	31.	4.1	9.8	9.0	19.8	19.9	17.2	17.4	-.09	.67
10	6	88	6	30.	5.4	11.6	11.2	17.8	18.1	16.9	17.4	-.16	.66
10	6	88	7	25.	4.7	10.8	10.2	19.0	19.4	17.0	17.9	-.19	.67
10	6	88	8	18.	4.2	8.8	8.2	21.3	22.0	17.6	19.1	-.28	.67
10	6	88	9	17.	4.8	13.4	12.6	18.2	18.7	17.6	18.7	-.31	.66
10	6	88	10	22.	3.7	9.0	8.4	24.1	25.8	18.5	19.7	-.53	.65
10	6	88	11	65.	3.4	8.2	7.6	29.4	31.9	19.7	21.0	-.62	.63
10	6	88	12	66.	3.7	9.4	8.6	26.5	28.3	20.3	21.4	-.62	.62
10	6	88	13	76.	4.1	9.2	8.4	18.2	19.1	19.6	20.2	-.56	.62
10	6	88	14	48.	3.4	8.0	7.6	26.9	30.5	20.8	22.1	-.62	.63
10	6	88	15	62.	4.9	11.6	10.8	20.2	24.2	20.9	22.0	-.59	.58
10	6	88	16	32.	4.8	9.6	8.8	19.8	22.7	19.8	20.1	-.31	.55
10	6	88	17	10.	5.3	11.4	10.8	16.5	21.5	18.9	19.3	-.22	.57
10	6	88	18	14.	6.1	12.4	11.8	16.5	16.9	17.8	18.0	-.16	.57
10	6	88	19	14.	4.3	9.8	9.2	17.4	18.1	17.1	17.1	-.12	.61
10	6	88	20	37.	3.9	9.6	8.6	17.9	19.3	16.8	16.7	-.09	.63
10	6	88	21	18.	5.4	12.0	11.2	16.1	17.3	16.2	15.8	-.06	.63
10	6	88	22	3.	4.1	8.8	8.4	12.9	14.3	15.2	14.5	.00	.65
10	6	88	23	20.	3.6	7.8	7.2	12.1	12.8	14.6	13.6	.03	.67
10	6	88	24	0.	2.8	6.0	5.8	14.4	17.4	14.0	13.0	.03	.68
11	6	88	1	22.	4.7	10.4	9.8	13.4	13.9	13.5	12.8	.00	.67
11	6	88	2	20.	5.2	10.6	9.6	12.1	12.3	13.0	12.4	-.03	.63
11	6	88	3	339.	4.2	9.0	8.2	13.0	18.8	12.2	11.6	-.03	.62
11	6	88	4	3.	3.7	7.8	7.0	9.6	13.8	11.3	10.5	.06	.65
11	6	88	5	4.	3.4	6.6	6.2	10.4	10.9	11.8	11.9	.06	.64
11	6	88	6	10.	3.7	8.2	8.0	14.7	15.4	12.8	13.7	-.03	.62
11	6	88	7	14.	4.0	8.4	8.0	17.3	17.8	13.7	15.1	-.12	.60
11	6	88	8	41.	3.8	7.8	7.2	20.2	21.0	14.6	16.0	-.47	.58
11	6	88	9	357.	3.0	6.4	5.8	24.1	29.7	15.9	17.7	-.56	.57
11	6	88	10	287.	2.2	5.2	4.8	32.1	38.6	16.9	18.6	-.71	.56
11	6	88	11	294.	2.4	4.4	4.2	21.8	24.6	17.6	18.6	-1.18	.55
11	6	88	12	269.	2.0	4.4	4.2	21.2	24.4	18.7	19.8	-1.12	.52
11	6	88	13	285.	2.1	4.8	4.6	30.3	36.0	19.5	20.6	-1.09	.49
11	6	88	14	173.	2.0	5.8	5.0	59.1	84.7	20.3	21.8	-.84	.49
11	6	88	15	155.	3.6	6.4	6.0	16.8	20.9	18.9	20.0	-.47	.58
11	6	88	16	160.	4.2	7.4	7.0	14.9	16.6	18.4	19.5	-.40	.57
11	6	88	17	169.	3.6	6.2	6.0	16.7	19.0	18.3	19.5	-.31	.55
11	6	88	18	156.	3.6	7.0	5.8	14.7	16.5	17.8	18.6	-.25	.57
11	6	88	19	173.	2.9	5.4	5.0	14.7	16.2	17.4	18.2	-.19	.57
11	6	88	20	134.	2.1	4.0	3.8	12.4	18.4	16.8	16.9	-.16	.62
11	6	88	21	115.	2.4	3.2	3.0	4.9	9.6	15.2	13.9	.06	.75
11	6	88	22	107.	1.9	2.4	2.2	2.0	6.0	14.1	12.5	.50	.86
11	6	88	23	105.	1.6	2.2	2.0	3.4	8.1	13.5	11.7	.65	.87
11	6	88	24	340.	1.1	3.0	2.8	24.8	57.4	12.8	11.0	.65	.87
12	6	88	1	330.	2.8	4.8	4.8	4.9	6.3	11.6	10.5	.53	.85
12	6	88	2	328.	4.0	6.6	6.0	6.3	8.6	10.8	10.1	.50	.86
12	6	88	3	329.	3.7	4.8	4.6	3.4	4.4	9.7	9.1	.71	.90
12	6	88	4	11.	2.9	4.6	4.4	4.9	21.0	9.8	9.0	.75	.92
12	6	88	5	335.	2.3	3.8	3.6	8.2	20.9	11.1	11.5	.09	.85
12	6	88	6	325.	1.7	3.2	3.0	10.7	13.8	12.5	13.3	-.09	.81
12	6	88	7	307.	1.7	2.8	2.6	9.0	11.2	14.6	15.8	-.22	.76
12	6	88	8	291.	1.3	2.2	2.2	11.8	13.7	17.4	18.5	-.56	.69
12	6	88	9	201.	1.3	2.8	2.8	21.6	31.2	19.9	20.6	-.99	.61
12	6	88	10	162.	2.2	4.8	4.4	23.7	27.2	21.2	22.3	-.75	.43
12	6	88	11	122.	3.6	6.2	5.8	15.2	26.4	20.8	21.8	-.62	.37
12	6	88	12	121.	4.6	7.6	7.2	11.2	11.4	20.5	21.2	-.53	.36
12	6	88	13	122.	4.6	8.4	7.8	11.7	11.8	20.2	21.1	-.59	.63
12	6	88	14	136.	4.3	7.4	6.8	13.0	14.3	20.0	20.9	-.53	.78
12	6	88	15	129.	3.1	6.0	5.6	17.4	19.1	21.6	22.8	-.34	.75
12	6	88	16	118.	4.2	6.8	6.4	10.8	12.4	20.9	21.6	-.43	.75
12	6	88	17	127.	3.2	5.6	5.2	10.4	10.7	21.7	22.3	-.34	.75
12	6	88	18	111.	3.7	5.8	5.4	7.6	8.3	21.4	21.8	-.47	.79
12	6	88	19	108.	3.6	5.4	5.2	7.3	8.1	20.0	20.4	-.43	.88
12	6	88	20	117.	3.5	5.2	5.0	6.3	7.0	18.9	18.6	-.25	.94
12	6	88	21	117.	2.6	4.0	3.8	4.0	4.9	17.8	17.0	.16	.97
12	6	88	22	295.	1.8	4.4	4.2	40.0	87.1	17.2	15.7	.84	.97
12	6	88	23	295.	3.2	4.6	4.4	4.4	8.8	17.5	16.3	1.37	.93
12	6	88	24	308.	3.4	4.6	4.4	5.1	7.4	18.4	17.2	1.24	.79

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	6 88	1	304.	2.4	4.0	4.0	7.0	11.2	17.6	16.1	.47	.77
13	6 88	2	299.	2.9	4.4	4.2	4.9	7.8	16.7	15.8	.56	.75
13	6 88	3	307.	3.8	6.0	5.6	5.1	11.5	16.3	15.4	.59	.72
13	6 88	4	316.	4.1	7.4	7.0	5.4	7.6	16.2	15.6	.59	.70
13	6 88	5	312.	3.6	6.0	5.8	6.4	9.4	15.9	15.4	.28	.69
13	6 88	6	323.	3.9	6.0	5.6	6.6	7.8	16.4	16.2	.09	.65
13	6 88	7	311.	2.8	4.6	4.4	7.7	9.5	17.0	17.4	-.19	.65
13	6 88	8	319.	2.5	4.2	4.0	9.5	13.9	18.1	18.5	-.37	.64
13	6 88	9	292.	2.1	5.8	5.0	21.1	28.8	20.0	20.6	-.25	.63
13	6 88	10	295.	1.9	4.2	3.8	15.3	16.4	20.8	21.3	-.93	.60
13	6 88	11	288.	2.0	4.6	4.4	15.1	16.0	22.2	22.8	-1.12	.57
13	6 88	12	291.	1.3	3.4	3.2	31.3	31.9	23.9	24.7	-1.30	.53
13	6 88	13	333.	1.4	4.2	4.0	73.0	103.0	24.5	25.6	-.84	.52
13	6 88	14	170.	2.0	5.8	5.6	47.6	113.2	24.8	26.0	-.56	.52
13	6 88	15	170.	3.8	6.6	6.4	15.5	16.1	22.5	23.3	-.31	.57
13	6 88	16	190.	4.2	9.0	8.4	14.9	16.5	22.1	23.1	-.37	.56
13	6 88	17	170.	4.0	7.4	7.0	16.9	18.0	22.4	23.3	-.31	.53
13	6 88	18	165.	3.4	6.8	6.6	15.6	16.3	21.6	22.2	-.19	.52
13	6 88	19	155.	2.9	5.2	5.0	13.9	14.9	21.4	22.0	-.09	.50
13	6 88	20	118.	1.9	3.6	3.4	11.1	20.4	20.7	20.8	-.09	.55
13	6 88	21	110.	2.3	3.2	3.0	2.8	5.3	18.4	17.1	.25	.71
13	6 88	22	38.	1.4	2.4	2.2	5.6	19.9	17.5	15.3	.56	.79
13	6 88	23	340.	2.4	4.0	3.8	11.6	23.1	16.8	14.4	.87	.80
13	6 88	24	28.	3.5	7.4	7.0	10.3	18.0	17.3	15.7	.37	.69
14	6 88	1	35.	3.9	8.6	7.4	16.5	16.7	17.2	16.7	.09	.55
14	6 88	2	46.	3.1	7.8	7.0	21.3	22.5	16.2	15.5	.06	.55
14	6 88	3	37.	3.6	8.2	6.8	15.3	16.1	15.1	14.4	.12	.57
14	6 88	4	55.	3.1	7.4	6.8	17.7	18.7	14.3	13.6	-.03	.58
14	6 88	5	70.	3.3	7.8	7.6	17.7	18.9	14.0	14.3	-.28	.60
14	6 88	6	76.	3.7	7.4	7.0	18.8	19.5	13.6	14.4	-.37	.61
14	6 88	7	69.	3.4	7.0	6.6	20.4	22.9	13.8	15.2	-.37	.62
14	6 88	8	44.	2.5	6.4	6.0	28.0	29.4	14.7	16.5	-.59	.62
14	6 88	9	121.	2.5	5.0	4.6	23.8	29.6	15.7	17.0	-.68	.63
14	6 88	10	103.	1.6	4.0	3.6	52.8	53.4	17.1	18.7	-.87	.61
14	6 88	11	200.	2.3	5.0	4.8	49.6	64.9	18.1	19.3	-1.27	.61
14	6 88	12	184.	2.8	6.2	5.6	24.5	26.5	18.2	19.4	-.96	.63
14	6 88	13	163.	3.8	6.6	6.2	18.3	20.5	17.0	18.3	-.50	.66
14	6 88	14	179.	3.7	7.6	7.0	19.9	22.1	17.8	19.1	-.62	.65
14	6 88	15	160.	3.6	7.0	6.6	20.6	23.5	18.0	19.4	-.56	.65
14	6 88	16	174.	4.0	7.0	6.6	17.2	19.2	18.1	19.5	-.50	.63
14	6 88	17	172.	3.3	6.2	5.8	20.0	21.9	18.5	19.8	-.56	.60
14	6 88	18	176.	2.8	6.2	5.8	19.8	20.9	18.8	19.9	-.31	.58
14	6 88	19	181.	2.7	6.0	5.6	17.1	18.2	18.5	19.5	-.25	.58
14	6 88	20	188.	2.5	5.2	5.0	16.9	17.7	17.8	17.9	-.25	.57
14	6 88	21	226.	1.5	3.4	3.2	14.6	19.4	17.0	15.5	-.28	.61
14	6 88	22	239.	1.4	3.0	2.8	13.0	14.4	15.6	13.4	.31	.63
14	6 88	23	232.	1.5	4.2	4.0	11.8	15.8	14.9	13.9	.12	.58
14	6 88	24	167.	1.0	2.2	2.2	4.4	18.3	14.2	11.9	.37	.61
15	6 88	1	150.	1.3	2.4	2.2	6.0	11.6	13.9	11.5	.68	.65
15	6 88	2	146.	1.7	2.8	2.6	16.7	20.7	12.7	11.7	.71	.76
15	6 88	3	159.	2.4	3.6	3.4	5.3	9.4	12.2	11.3	.87	.83
15	6 88	4	110.	.2	1.0	1.0	46.3	98.7	12.6	10.9	.37	.84
15	6 88	5	84.	.6	1.4	1.2	6.7	13.2	13.4	12.8	-.03	.88
15	6 88	6	105.	.6	1.6	1.6	37.2	41.2	14.2	14.5	-.28	.89
15	6 88	7	90.	.5	2.0	1.8	30.6	36.1	15.3	16.2	-.47	.88
15	6 88	8	146.	1.6	4.6	4.4	40.0	52.5	16.9	18.4	-.47	.83
15	6 88	9	176.	2.8	5.8	5.4	24.3	33.6	17.1	18.2	-.56	.77
15	6 88	10	117.	3.4	6.6	6.4	20.0	22.8	17.1	17.9	-.56	.74
15	6 88	11	125.	3.6	6.6	6.2	17.2	17.7	17.7	18.7	-.62	.72
15	6 88	12	136.	3.7	5.8	5.4	17.3	19.3	17.6	18.6	-.53	.72
15	6 88	13	120.	3.7	6.6	6.0	15.1	16.0	18.1	19.3	-.62	.71
15	6 88	14	142.	3.8	6.6	6.4	17.2	19.0	18.0	19.3	-.56	.71
15	6 88	15	124.	3.7	6.6	6.4	16.2	16.7	17.8	18.9	-.53	.77
15	6 88	16	135.	4.1	7.0	6.2	11.8	12.7	17.4	18.3	-.53	.78
15	6 88	17	125.	3.2	5.8	5.6	14.4	19.7	16.9	17.5	-.34	.75
15	6 88	18	138.	2.5	4.8	4.6	12.4	13.0	17.4	18.0	-.34	.74
15	6 88	19	122.	2.0	3.4	3.2	14.6	17.4	17.6	18.4	-.31	.76
15	6 88	20	131.	2.2	4.0	3.8	9.3	9.8	16.4	16.4	-.31	.84
15	6 88	21	173.	2.1	3.4	3.4	7.4	12.1	15.3	14.6	-.06	.90
15	6 88	22	188.	1.9	3.0	2.8	7.0	10.3	14.0	12.7	.31	.97
15	6 88	23	176.	1.3	2.4	2.4	10.5	13.2	13.6	12.0	.31	.96
15	6 88	24	235.	.8	1.4	1.2	10.6	29.3	13.2	11.4	.34	.94

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	6 88	1	239.	.6	1.2	1.0	15.3	24.2	12.9	11.4	.43	.94
16	6 88	2	217.	1.0	2.0	1.8	9.9	23.7	12.6	11.1	.43	.93
16	6 88	3	204.	.9	1.8	1.6	13.6	20.9	12.4	11.1	.43	.93
16	6 88	4	314.	.7	1.8	1.8	42.1	60.1	12.0	11.2	.53	.93
16	6 88	5	6.	1.1	2.2	2.0	50.4	64.2	12.3	11.6	.34	.94
16	6 88	6	155.	.4	2.0	2.0	56.0	143.2	14.7	15.4	.19	.89
16	6 88	7	131.	.6	2.0	1.8	26.8	30.0	16.3	17.8	.25	.83
16	6 88	8	180.	2.1	4.8	4.2	20.2	25.8	17.1	18.3	-.25	.79
16	6 88	9	166.	2.8	5.0	4.6	16.5	17.6	17.6	18.4	-.34	.79
16	6 88	10	153.	3.3	7.2	7.0	19.3	21.9	18.6	19.9	-.65	.78
16	6 88	11	143.	4.0	7.6	7.4	18.0	21.1	18.9	20.2	-.62	.81
16	6 88	12	142.	4.6	8.2	7.8	16.3	16.8	18.7	19.9	-.50	.81
16	6 88	13	145.	4.4	8.2	7.8	16.9	17.7	19.1	20.4	-.47	.79
16	6 88	14	170.	4.2	8.2	8.0	18.6	19.9	19.4	20.7	-.47	.78
16	6 88	15	173.	5.0	10.4	9.6	17.2	17.8	19.4	20.6	-.50	.75
16	6 88	16	149.	4.3	8.8	8.4	17.6	19.4	19.3	20.5	-.37	.75
16	6 88	17	127.	4.4	8.0	7.8	14.5	18.7	18.0	18.9	-.43	.81
16	6 88	18	124.	4.2	7.2	6.8	13.6	13.8	16.8	17.3	-.34	.87
16	6 88	19	127.	3.8	6.6	6.4	13.3	13.9	15.9	16.1	-.22	.91
16	6 88	20	111.	3.2	6.4	6.2	11.3	12.4	15.4	15.5	-.19	.94
16	6 88	21	117.	3.3	6.0	5.6	11.1	12.3	15.2	15.3	-.19	.95
16	6 88	22	103.	3.6	5.6	5.4	10.1	11.1	14.8	14.8	-.12	.97
16	6 88	23	65.	3.0	6.0	5.6	15.8	19.3	14.9	14.8	-.09	.95
16	6 88	24	63.	2.6	4.8	4.6	13.0	14.9	14.9	14.9	-.09	.94
17	6 88	1	41.	1.5	3.2	2.8	13.5	31.0	14.7	14.5	-.06	.95
17	6 88	2	76.	2.6	5.0	4.8	11.8	19.5	14.5	14.3	-.03	.96
17	6 88	3	63.	1.8	5.0	4.6	21.7	24.5	14.6	14.5	-.03	.96
17	6 88	4	7.	1.0	3.8	3.6	24.7	29.6	14.6	14.3	-.03	.97
17	6 88	5	52.	1.9	4.2	4.0	17.9	23.9	14.9	15.0	-.12	.94
17	6 88	6	72.	2.3	6.6	6.0	16.9	20.4	15.6	15.9	-.25	.92
17	6 88	7	46.	2.4	5.8	5.4	20.5	21.5	16.0	16.4	-.25	.91
17	6 88	8	63.	2.9	6.4	6.0	18.7	21.3	17.0	17.9	-.47	.87
17	6 88	9	46.	3.2	6.6	6.4	16.6	19.6	17.1	17.6	-.34	.85
17	6 88	10	72.	2.9	6.0	5.4	15.5	17.0	17.7	18.5	-.43	.81
17	6 88	11	96.	2.8	5.0	5.0	18.7	21.9	18.7	19.7	-.59	.79
17	6 88	12	143.	2.5	6.2	5.4	27.0	32.3	19.3	20.2	-.53	.78
17	6 88	13	278.	.9	2.2	2.0	53.7	110.7	19.6	20.4	-.56	.78
17	6 88	14	163.	1.0	2.6	2.4	51.6	109.8	20.1	21.0	-.56	.80
17	6 88	15	127.	2.4	4.8	4.6	21.7	27.1	20.1	21.1	-.40	.84
17	6 88	16	131.	2.4	4.8	4.4	22.9	23.8	20.7	22.1	-.47	.82
17	6 88	17	139.	3.0	5.2	4.8	14.8	16.0	20.1	21.0	-.37	.82
17	6 88	18	129.	3.1	5.0	4.8	13.4	15.4	19.6	20.3	-.37	.80
17	6 88	19	127.	2.7	5.0	4.8	11.6	12.2	18.7	19.3	-.34	.82
17	6 88	20	115.	2.1	4.0	3.6	10.6	13.8	17.7	17.8	-.31	.87
17	6 88	21	128.	2.0	3.2	3.0	3.1	8.4	16.4	15.5	-.12	.96
17	6 88	22	122.	2.4	3.4	3.2	2.8	5.4	15.1	14.0	.28	.97
17	6 88	23	82.	2.1	3.4	3.2	23.3	30.5	14.5	13.7	.37	.97
17	6 88	24	260.	.8	2.0	1.8	24.7	83.2	14.2	12.8	.16	.96
18	6 88	1	332.	.4	1.6	1.6	31.1	41.1	13.9	12.7	.37	.96
18	6 88	2	118.	1.0	2.0	2.0	17.5	74.6	12.9	11.9	.59	.95
18	6 88	3	87.	2.1	3.2	3.0	3.4	15.3	12.9	11.8	.71	.94
18	6 88	4	343.	1.3	2.4	2.2	22.8	42.8	13.0	11.8	.75	.94
18	6 88	5	91.	1.8	4.0	3.8	9.4	26.8	13.3	12.7	.34	.95
18	6 88	6	73.	1.1	4.2	3.8	40.3	46.3	14.6	14.4	-.28	.97
18	6 88	7	90.	1.5	3.4	3.0	21.7	26.7	15.2	15.5	-.28	.95
18	6 88	8	76.	1.8	4.4	4.0	16.8	19.0	15.5	15.8	-.25	.93
18	6 88	9	146.	1.1	2.6	2.4	51.1	56.5	16.9	17.7	-.34	.89
18	6 88	10	290.	1.2	2.8	2.6	43.4	53.1	17.6	18.2	-.62	.90
18	6 88	11	108.	1.0	3.0	2.8	62.8	125.3	19.7	21.1	-.71	.84
18	6 88	12	141.	2.0	4.4	4.0	23.7	25.9	20.0	21.6	-.59	.84
18	6 88	13	150.	2.2	4.4	4.2	23.2	24.1	20.7	22.1	-.40	.78
18	6 88	14	132.	3.0	5.4	5.2	19.0	21.7	21.1	22.5	-.47	.77
18	6 88	15	124.	3.2	6.4	6.2	13.8	14.2	21.0	22.1	-.47	.75
18	6 88	16	118.	2.7	4.6	4.4	15.9	19.6	21.4	22.6	-.40	.74
18	6 88	17	120.	2.5	4.4	4.0	12.3	13.2	21.2	22.1	-.43	.74
18	6 88	18	129.	2.0	3.6	3.6	12.5	13.6	20.7	21.6	-.40	.80
18	6 88	19	125.	2.3	4.0	3.8	9.4	10.4	20.0	20.5	-.37	.86
18	6 88	20	122.	2.0	4.0	3.8	9.4	10.5	18.5	18.5	-.31	.92
18	6 88	21	122.	1.9	2.8	2.6	4.2	6.4	17.4	16.5	.19	.97
18	6 88	22	208.	1.4	2.6	2.4	10.5	28.1	16.5	15.3	1.09	.97
18	6 88	23	299.	2.0	3.6	3.4	5.6	24.8	16.2	14.6	1.46	.96
18	6 88	24	332.	2.8	4.4	4.2	5.6	15.8	15.4	14.4	1.24	.91

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	6 88	1	315.	2.9	4.2	3.8	4.2	10.2	15.0	14.0	.68	.93
19	6 88	2	330.	3.3	4.6	4.2	3.4	6.1	14.1	13.2	.68	.94
19	6 88	3	333.	3.4	4.8	4.6	4.4	5.1	13.6	13.0	.34	.95
19	6 88	4	322.	3.3	4.6	4.4	4.9	6.0	13.5	13.0	.25	.94
19	6 88	5	321.	3.0	4.2	3.8	5.8	6.9	13.9	14.3	.06	.91
19	6 88	6	312.	2.5	3.8	3.6	8.3	8.9	15.3	16.1	-.09	.85
19	6 88	7	312.	2.1	3.6	3.4	10.8	12.4	17.2	18.5	-.09	.80
19	6 88	8	308.	1.5	3.0	2.8	22.7	24.4	19.9	21.3	-.47	.74
19	6 88	9	284.	1.6	3.0	2.8	11.8	14.9	21.8	22.6	-.87	.70
19	6 88	10	316.	.9	2.6	2.4	46.8	53.6	24.7	25.7	-1.12	.59
19	6 88	11	114.	1.8	6.2	5.8	54.4	99.4	25.1	26.6	-1.12	.58
19	6 88	12	167.	3.1	5.6	5.2	15.4	20.7	22.7	23.5	-.37	.68
19	6 88	13	142.	4.2	7.2	6.8	15.6	21.7	22.0	22.9	-.50	.73
19	6 88	14	114.	3.1	5.8	5.4	14.2	22.4	21.6	22.6	-.31	.75
19	6 88	15	219.	1.3	4.2	3.8	50.1	128.2	22.3	22.8	-.43	.74
19	6 88	16	222.	1.8	3.4	3.0	33.6	47.8	23.0	24.0	-.37	.76
19	6 88	17	128.	1.6	3.4	3.2	25.2	33.1	25.1	26.6	-.71	.70
19	6 88	18	142.	2.3	5.2	4.6	25.2	26.7	23.8	24.4	-.40	.72
19	6 88	19	160.	2.7	5.4	5.0	16.6	18.8	23.4	23.4	-.12	.60
19	6 88	20	177.	2.4	3.8	3.4	13.9	23.4	21.0	20.1	.50	.76
19	6 88	21	114.	1.9	3.0	2.8	18.0	42.2	20.7	19.3	.53	.78
19	6 88	22	56.	2.3	3.4	3.2	11.2	14.3	20.7	19.0	.56	.73
19	6 88	23	312.	1.5	3.4	3.2	25.0	63.1	20.1	18.8	.59	.73
19	6 88	24	347.	2.9	5.6	5.0	4.7	12.9	18.9	17.3	.65	.82
20	6 88	1	333.	3.3	5.2	4.8	4.9	9.1	18.3	16.9	.40	.85
20	6 88	2	321.	2.3	4.2	3.8	4.9	11.1	17.2	15.3	.50	.91
20	6 88	3	333.	2.4	4.4	4.2	5.1	6.9	16.8	14.7	.50	.92
20	6 88	4	335.	3.0	4.8	4.6	5.1	6.4	16.6	15.5	.59	.89
20	6 88	5	7.	2.4	4.6	4.4	8.2	13.0	17.6	17.4	.59	.84
20	6 88	6	11.	2.9	6.8	6.2	11.3	12.0	18.9	19.8	.06	.72
20	6 88	7	37.	2.8	7.4	7.2	24.6	26.9	19.6	21.3	-.09	.65
20	6 88	8	77.	3.6	8.4	7.8	22.2	28.5	19.8	21.3	-.50	.67
20	6 88	9	70.	3.2	6.6	6.2	18.1	19.4	20.9	22.3	-.78	.66
20	6 88	10	83.	2.9	5.8	5.4	23.8	27.3	21.8	23.1	-.75	.65
20	6 88	11	134.	2.4	5.0	4.8	28.7	32.3	22.7	24.1	-.87	.65
20	6 88	12	156.	2.9	5.6	5.2	22.8	24.7	22.7	23.9	-.50	.65
20	6 88	13	143.	3.3	5.8	5.6	17.4	18.1	23.2	24.6	-.40	.63
20	6 88	14	132.	3.6	7.6	7.2	18.2	19.2	23.6	24.9	-.43	.61
20	6 88	15	155.	3.4	6.0	6.0	18.3	20.2	23.6	24.8	-.40	.60
20	6 88	16	155.	3.7	6.4	6.2	18.3	20.4	23.6	24.8	-.31	.59
20	6 88	17	166.	3.3	6.0	5.6	17.8	20.2	23.6	24.8	-.34	.58
20	6 88	18	198.	2.5	5.6	5.2	24.7	28.4	23.9	25.2	-.43	.57
20	6 88	19	218.	1.9	4.0	3.6	14.9	15.3	24.3	25.6	-.96	.56
20	6 88	20	305.	2.1	6.4	6.2	29.0	56.7	22.7	22.8	-.34	.65
20	6 88	21	318.	3.2	5.2	4.8	8.6	9.7	20.4	20.0	.00	.72
20	6 88	22	305.	3.0	5.2	4.8	7.7	10.2	19.3	18.6	.06	.78
20	6 88	23	323.	2.8	4.0	3.8	3.7	7.4	18.2	17.4	.31	.84
20	6 88	24	347.	1.3	3.0	2.8	17.9	25.2	17.1	15.7	.28	.91
21	6 88	1	323.	1.8	3.2	3.0	22.9	30.7	16.3	14.5	.47	.94
21	6 88	2	322.	2.5	4.2	4.0	4.9	8.6	15.0	13.6	.90	.96
21	6 88	3	314.	3.3	4.4	4.2	5.3	7.8	14.0	13.4	.40	.96
21	6 88	4	322.	3.2	4.2	4.0	3.7	6.1	13.5	13.1	.47	.96
21	6 88	5	330.	2.3	4.0	4.0	7.8	9.6	14.7	15.1	.16	.91
21	6 88	6	354.	1.5	3.6	3.4	14.1	22.2	16.7	18.5	.03	.82
21	6 88	7	321.	.8	2.6	2.4	25.1	29.5	18.1	19.4	-.03	.82
21	6 88	8	103.	2.4	4.6	4.0	43.0	43.6	19.8	21.2	-.47	.85
21	6 88	9	146.	2.7	5.6	5.0	19.5	23.0	20.6	21.8	-.50	.87
21	6 88	10	152.	3.4	5.8	5.6	16.1	17.0	21.0	22.3	-.53	.83
21	6 88	11	141.	4.3	7.4	6.8	15.2	15.7	21.2	22.3	-.59	.78
21	6 88	12	138.	4.1	7.0	6.4	16.5	17.4	21.5	22.7	-.56	.75
21	6 88	13	132.	4.3	7.6	7.2	13.9	14.2	21.4	22.6	-.62	.80
21	6 88	14	155.	4.2	8.6	7.6	18.7	23.1	22.4	23.5	-.50	.74
21	6 88	15	198.	4.3	8.4	8.0	20.9	24.1	23.1	24.4	-.53	.68
21	6 88	16	159.	3.1	6.8	6.4	22.1	24.6	24.2	25.6	-.62	.62
21	6 88	17	193.	3.2	5.8	5.6	22.0	32.8	24.0	25.1	-.34	.61
21	6 88	18	139.	3.3	6.8	6.2	17.8	25.2	24.2	25.3	-.43	.59
21	6 88	19	122.	2.7	5.4	5.0	18.2	22.1	22.0	22.6	-.22	.70
21	6 88	20	127.	3.6	5.4	5.2	9.2	10.1	20.1	19.9	-.22	.80
21	6 88	21	115.	3.5	5.2	5.0	7.7	8.2	18.6	17.9	.06	.87
21	6 88	22	110.	2.9	4.2	4.0	6.4	7.7	17.3	16.3	.12	.97
21	6 88	23	107.	3.3	4.4	4.2	4.7	6.0	16.8	15.9	.19	.97
21	6 88	24	86.	2.4	3.4	3.2	4.4	8.2	16.3	15.1	.28	.97

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	6 88	1	340.	1.3	2.4	2.2	11.6	39.5	15.3	13.9	.43	.97
22	6 88	2	325.	1.5	2.8	2.6	8.1	22.7	14.4	12.9	1.02	.96
22	6 88	3	0.	2.8	4.4	4.2	5.1	11.6	13.5	12.2	.62	.94
22	6 88	4	336.	2.1	4.8	4.2	5.1	8.7	14.2	12.6	.40	.93
22	6 88	5	329.	2.0	4.8	4.4	9.3	13.6	14.9	15.6	.09	.87
22	6 88	6	332.	1.4	2.6	2.4	13.1	18.1	16.4	17.8	.09	.84
22	6 88	7	112.	1.8	3.8	3.6	27.5	48.2	18.6	20.5	-.28	.81
22	6 88	8	79.	2.6	5.0	4.6	18.1	21.8	19.3	20.8	-.50	.81
22	6 88	9	112.	2.2	5.2	4.6	29.4	33.8	20.5	22.2	-.78	.78
22	6 88	10	132.	2.9	6.0	5.6	26.7	31.5	21.6	23.0	-.75	.75
22	6 88	11	139.	3.8	7.6	7.2	15.6	16.5	20.9	22.2	-.62	.73
22	6 88	12	135.	4.9	8.4	8.0	15.6	16.2	20.4	21.6	-.53	.74
22	6 88	13	120.	5.2	8.0	7.8	12.6	14.4	19.5	20.7	-.65	.80
22	6 88	14	132.	5.2	9.0	8.2	12.7	13.0	18.9	20.1	-.62	.87
22	6 88	15	125.	4.8	8.0	7.6	13.2	13.8	18.9	20.1	-.56	.87
22	6 88	16	131.	5.0	8.0	7.4	11.6	11.8	18.6	19.6	-.56	.89
22	6 88	17	138.	3.9	7.4	6.6	16.9	20.5	18.6	19.8	-.43	.89
22	6 88	18	122.	3.7	6.4	6.0	13.6	14.3	18.4	19.3	-.47	.90
22	6 88	19	128.	3.4	6.0	5.4	11.6	12.1	17.9	18.5	-.37	.93
22	6 88	20	139.	2.6	5.2	4.8	11.4	12.7	17.4	17.5	-.25	.96
22	6 88	21	136.	1.9	2.8	2.6	8.0	9.1	16.5	15.8	-.12	.97
22	6 88	22	127.	2.0	3.0	3.0	2.8	6.4	15.5	14.5	.19	.97
22	6 88	23	233.	1.2	1.8	1.8	8.1	35.2	15.3	13.9	.28	.97
22	6 88	24	292.	1.0	3.0	2.8	17.7	40.1	14.7	13.3	.31	.97
23	6 88	1	308.	2.2	3.8	3.6	6.9	15.9	14.2	13.5	.19	.97
23	6 88	2	308.	2.1	3.4	3.2	4.9	8.0	13.6	12.9	.37	.96
23	6 88	3	307.	2.7	3.6	3.4	5.3	7.7	13.4	13.2	.06	.97
23	6 88	4	325.	2.5	3.8	3.6	8.2	11.9	13.4	13.0	.19	.97
23	6 88	5	322.	2.0	3.2	3.0	7.4	10.0	14.4	14.3	-.03	.97
23	6 88	6	326.	2.3	3.6	3.4	7.4	8.6	15.7	16.5	.00	.93
23	6 88	7	312.	1.7	3.0	2.8	10.2	11.7	17.8	19.0	-.12	.87
23	6 88	8	298.	1.0	2.6	2.4	42.3	42.9	21.3	22.5	-.50	.78
23	6 88	9	285.	1.5	2.6	2.6	14.8	19.4	23.1	23.9	-.87	.70
23	6 88	10	262.	1.5	3.0	2.8	21.6	25.7	24.5	25.3	-1.21	.67
23	6 88	11	307.	1.2	3.0	2.8	51.6	54.3	26.3	27.2	-1.24	.60
23	6 88	12	112.	3.6	6.4	6.2	44.7	119.4	24.0	25.0	-.68	.73
23	6 88	13	118.	4.3	7.0	6.8	11.1	11.3	23.3	24.3	-.50	.78
23	6 88	14	142.	3.6	7.0	6.2	15.8	21.1	24.0	24.8	-.37	.77
23	6 88	15	120.	4.5	8.2	8.0	11.0	11.2	22.8	23.4	-.40	.81
23	6 88	16	172.	3.7	6.4	5.8	16.0	27.2	24.6	25.6	-.31	.70
23	6 88	17	132.	3.1	6.0	5.6	16.0	19.2	25.6	26.7	-.22	.61
23	6 88	18	129.	2.1	4.6	4.2	17.6	19.7	25.1	25.8	-.19	.63
23	6 88	19	129.	2.0	4.2	3.8	13.4	20.6	23.5	23.1	.06	.68
23	6 88	20	115.	2.1	3.2	3.0	5.4	8.4	22.3	21.8	.16	.73
23	6 88	21	110.	2.4	3.4	3.2	4.7	6.4	20.7	19.8	.19	.81
23	6 88	22	69.	1.2	2.4	2.2	7.8	25.7	19.8	18.7	.71	.89
23	6 88	23	321.	1.1	2.8	2.6	15.3	33.3	19.9	18.0	.90	.88
23	6 88	24	316.	2.5	3.6	3.4	3.1	7.4	19.1	18.2	1.12	.89
24	6 88	1	302.	2.7	3.8	3.6	4.4	11.0	19.9	18.6	1.06	.85
24	6 88	2	319.	3.2	4.4	4.2	2.0	5.8	19.1	18.5	.81	.85
24	6 88	3	328.	2.6	4.0	3.8	3.1	8.8	19.1	18.4	.65	.84
24	6 88	4	343.	2.5	4.8	4.6	4.7	7.2	19.5	18.7	.22	.81
24	6 88	5	354.	2.5	5.2	4.6	10.5	14.2	20.0	19.6	.16	.77
24	6 88	6	14.	3.1	9.0	8.0	13.3	15.2	20.5	20.2	.00	.76
24	6 88	7	38.	3.0	8.0	7.6	20.9	23.1	20.4	20.5	-.12	.79
24	6 88	8	31.	4.1	8.8	8.4	21.3	21.9	20.9	21.8	-.34	.79
24	6 88	9	56.	3.9	9.4	9.2	22.9	23.9	20.3	21.1	-.40	.80
24	6 88	10	66.	3.0	7.2	6.6	18.4	19.2	20.6	21.3	-.47	.82
24	6 88	11	80.	3.0	5.8	5.6	17.0	18.1	21.3	22.2	-.62	.81
24	6 88	12	72.	2.8	5.2	5.0	17.0	20.2	21.6	22.4	-.56	.82
24	6 88	13	76.	3.5	6.0	5.6	14.5	15.1	21.7	22.7	-.71	.82
24	6 88	14	114.	2.6	5.0	4.6	19.5	24.5	21.8	22.8	-.50	.84
24	6 88	15	108.	2.3	4.4	4.2	24.4	28.6	22.8	24.1	-.40	.82
24	6 88	16	131.	2.0	5.0	4.4	34.6	36.0	24.5	25.8	-.40	.74
24	6 88	17	128.	2.8	4.8	4.2	12.9	13.6	23.4	24.2	-.37	.79
24	6 88	18	165.	2.0	4.2	3.8	13.2	16.0	22.7	23.0	-.19	.82
24	6 88	19	179.	1.8	3.4	3.2	10.1	13.1	22.4	22.6	-.16	.85
24	6 88	20	183.	1.6	3.2	3.0	11.9	13.8	22.6	22.9	-.34	.83
24	6 88	21	120.	.6	1.6	1.6	19.8	38.7	21.1	19.2	.09	.94
24	6 88	22	136.	.4	1.6	1.6	38.9	48.8	20.5	18.3	.28	.97
24	6 88	23	302.	1.7	5.8	5.4	42.3	128.9	19.3	18.0	.65	.97
24	6 88	24	307.	3.0	4.6	4.6	7.3	13.0	18.9	18.1	.47	.95

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	6 88	1	312.	2.7	4.2	4.2	6.0	7.6	18.7	18.2	.12	.95
25	6 88	2	319.	2.4	4.2	4.0	6.3	10.6	18.0	17.3	.19	.97
25	6 88	3	302.	2.9	6.0	5.8	7.6	13.7	17.4	16.7	.09	.97
25	6 88	4	346.	2.7	5.0	4.8	6.7	15.6	17.4	17.2	.00	.97
25	6 88	5	340.	2.9	4.6	4.4	7.6	8.3	17.8	17.6	.00	.97
25	6 88	6	312.	2.3	4.2	3.8	8.3	13.6	18.2	18.5	-.16	.96
25	6 88	7	297.	2.3	3.8	3.6	8.6	10.4	18.8	19.7	-.31	.94
25	6 88	8	323.	1.7	3.6	3.2	13.0	16.9	19.9	20.8	-.59	.92
25	6 88	9	136.	.9	3.2	3.0	56.7	87.7	23.4	24.7	-.43	.81
25	6 88	10	129.	1.3	4.0	3.8	65.4	88.3	25.4	26.6	-.81	.72
25	6 88	11	139.	2.7	6.2	6.0	23.9	25.4	25.4	26.8	-.75	.70
25	6 88	12	115.	3.2	5.4	4.8	13.7	16.8	24.1	24.7	-.43	.74
25	6 88	13	45.	2.8	7.0	6.8	15.5	23.6	21.3	21.3	-.19	.83
25	6 88	14	290.	1.4	4.0	3.8	58.3	82.0	20.1	19.9	.19	.94
25	6 88	15	281.	.6	2.4	2.2	66.5	86.4	21.9	22.7	-.47	.96
25	6 88	16	225.	1.1	2.6	2.6	22.6	45.8	24.5	25.6	-1.09	.79
25	6 88	17	80.	1.1	3.8	3.6	56.6	75.3	25.8	27.2	-.81	.71
25	6 88	18	122.	2.0	3.6	3.6	24.5	26.4	25.4	26.6	-.50	.71
25	6 88	19	122.	2.2	3.6	3.4	10.0	11.8	23.9	24.2	-.31	.73
25	6 88	20	122.	2.4	4.2	4.0	10.5	10.9	22.3	22.0	-.25	.84
25	6 88	21	125.	1.8	3.2	3.0	6.6	8.1	21.4	20.6	.12	.87
25	6 88	22	104.	1.5	2.6	2.6	6.7	15.6	20.3	19.0	.37	.92
25	6 88	23	294.	.4	1.6	1.4	35.6	83.1	19.7	17.9	.43	.97
25	6 88	24	354.	.6	2.4	2.2	40.1	48.8	19.1	17.1	.53	.96
26	6 88	1	342.	1.9	3.4	3.0	6.4	11.0	17.9	16.5	.75	.97
26	6 88	2	340.	3.2	5.2	5.0	6.3	6.7	17.6	16.5	.28	.97
26	6 88	3	315.	3.4	5.2	5.0	5.4	14.0	16.6	15.9	.50	.97
26	6 88	4	335.	3.1	4.6	4.4	6.3	7.8	16.0	15.5	.43	.97
26	6 88	5	325.	2.6	4.6	4.2	8.0	12.9	16.7	17.0	.03	.97
26	6 88	6	305.	2.6	4.4	4.2	9.4	12.6	17.7	18.5	.00	.95
26	6 88	7	311.	1.7	3.2	3.0	13.3	14.0	19.3	20.3	-.22	.92
26	6 88	8	0.	1.7	3.2	2.8	13.6	25.3	22.0	23.9	-.31	.84
26	6 88	9	337.	1.8	4.2	4.0	45.2	48.4	24.1	25.6	-.75	.80
26	6 88	10	63.	3.1	6.6	6.4	43.7	53.5	25.1	26.3	-.81	.71
26	6 88	11	90.	3.8	8.2	7.6	19.7	22.7	25.2	26.2	-.71	.69
26	6 88	12	121.	3.0	6.2	5.8	27.0	33.4	25.9	27.1	-.65	.67
26	6 88	13	146.	3.4	6.4	6.0	21.0	26.3	26.6	27.9	-.50	.61
26	6 88	14	174.	2.3	4.8	4.4	33.2	38.9	27.3	28.6	-.59	.60
26	6 88	15	179.	2.3	5.0	4.6	34.8	36.6	27.7	29.3	-.47	.60
26	6 88	16	212.	2.5	4.6	4.2	22.7	24.2	28.2	29.6	-.96	.60
26	6 88	17	281.	1.7	3.8	3.4	24.4	31.7	28.8	29.8	-1.02	.59
26	6 88	18	257.	1.5	3.0	2.8	15.5	17.9	29.1	29.8	-1.09	.58
26	6 88	19	194.	.7	2.4	2.2	28.5	39.8	29.6	30.9	-.53	.57
26	6 88	20	183.	.7	1.8	1.6	18.0	27.8	28.5	28.8	-.28	.63
26	6 88	21	207.	.7	1.8	1.6	5.8	9.3	26.9	24.5	.00	.72
26	6 88	22	314.	1.5	2.8	2.6	4.2	30.4	25.0	22.9	.50	.75
26	6 88	23	342.	3.0	5.2	5.0	2.8	17.1	23.4	21.9	.99	.81
26	6 88	24	332.	3.9	6.4	6.2	5.8	6.9	22.4	21.2	.43	.82
27	6 88	1	332.	3.3	4.4	4.4	4.2	6.1	20.3	19.2	.84	.93
27	6 88	2	343.	3.6	4.8	4.6	4.2	8.6	19.0	18.4	.78	.97
27	6 88	3	329.	3.5	5.0	4.8	4.0	5.1	18.6	17.8	.50	.97
27	6 88	4	325.	3.9	5.4	5.2	4.9	5.3	18.4	17.8	.50	.97
27	6 88	5	332.	4.0	5.8	5.4	5.6	6.0	19.1	19.0	.19	.90
27	6 88	6	323.	3.9	6.0	5.8	6.6	7.0	20.2	20.7	-.06	.86
27	6 88	7	319.	3.1	4.6	4.2	7.7	8.1	21.1	21.7	-.09	.85
27	6 88	8	330.	2.6	4.2	4.0	9.0	10.4	23.0	23.9	-.22	.81
27	6 88	9	315.	2.3	4.0	3.8	10.8	12.9	24.8	25.8	-.31	.78
27	6 88	10	315.	2.6	6.0	4.8	12.3	14.1	26.7	27.7	-.78	.72
27	6 88	11	27.	2.8	8.0	7.6	27.1	37.8	29.6	30.8	-.75	.60
27	6 88	12	66.	3.1	7.8	7.4	36.7	40.8	30.7	32.4	-.56	.50
27	6 88	13	117.	3.5	9.4	8.8	20.1	30.0	30.2	30.7	-.47	.50
27	6 88	14	132.	3.8	8.4	8.0	20.9	30.6	30.2	31.3	-.53	.53
27	6 88	15	131.	5.1	11.0	9.8	12.4	15.5	25.6	25.8	-.12	.81
27	6 88	16	146.	3.1	7.6	7.0	15.1	17.0	27.3	28.3	-.19	.76
27	6 88	17	160.	2.1	4.6	4.4	32.8	34.3	28.3	29.2	-.28	.67
27	6 88	18	174.	1.2	2.4	2.4	24.8	34.4	29.4	30.6	-.47	.63
27	6 88	19	155.	1.0	2.4	2.2	18.1	24.0	29.4	30.8	-.37	.63
27	6 88	20	131.	1.2	2.2	2.2	7.8	15.7	27.9	28.0	-.16	.70
27	6 88	21	115.	1.8	3.6	3.4	3.4	9.3	26.0	24.4	.31	.78
27	6 88	22	127.	3.1	6.0	5.4	7.0	14.5	24.1	23.1	.28	.82
27	6 88	23	115.	3.3	4.6	4.4	4.7	5.8	22.7	21.8	.19	.93
27	6 88	24	101.	2.6	4.6	4.2	6.1	9.6	21.5	20.9	-.03	.97

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
1	7 88	1	222.	1.0	3.4	3.0	64.4	71.6	15.6	14.6	.03	.95
1	7 88	2	228.	1.0	2.6	2.4	53.0	65.3	15.3	13.9	.12	.94
1	7 88	3	207.	1.5	3.0	2.8	11.8	16.8	15.2	13.7	.16	.94
1	7 88	4	288.	1.2	2.4	2.2	39.4	52.8	14.9	13.6	.19	.94
1	7 88	5	312.	.5	1.6	1.4	31.3	119.9	15.4	15.1	-.12	.92
1	7 88	6	290.	.4	1.2	1.2	23.3	27.0	16.4	16.8	-.31	.92
1	7 88	7	121.	1.0	2.4	2.2	35.9	57.6	17.4	18.3	-.34	.88
1	7 88	8	105.	1.7	3.8	3.8	13.1	15.8	18.3	19.4	-.50	.85
1	7 88	9	138.	3.0	5.0	4.6	16.5	20.2	19.2	20.6	-.47	.79
1	7 88	10	121.	4.1	6.8	6.0	12.8	14.9	19.3	20.3	-.59	.83
1	7 88	11	141.	3.7	6.4	6.0	14.2	15.9	19.4	20.5	-.62	.81
1	7 88	12	146.	3.4	6.0	5.8	20.4	22.0	20.4	21.7	-.56	.81
1	7 88	13	152.	3.8	7.4	7.0	17.6	20.5	21.0	22.4	-.53	.76
1	7 88	14	135.	4.3	8.2	6.8	14.4	19.5	20.7	21.4	-.37	.68
1	7 88	15	120.	3.6	7.2	6.4	15.1	15.8	21.7	22.4	-.43	.61
1	7 88	16	152.	3.0	5.6	5.0	14.2	19.8	21.3	21.4	-.22	.72
1	7 88	17	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
1	7 88	18	353.	3.0	5.4	5.0	9.5	19.6	14.1	17.5	.19	.95
1	7 88	19	80.	1.9	99.0	99.0	20.0	42.7	17.9	17.8	.06	.95
1	7 88	20	174.	2.1	11.2	10.0	35.1	58.7	18.1	17.8	.03	.95
1	7 88	21	52.	2.0	4.2	4.0	20.4	33.6	16.7	16.7	-.12	.95
1	7 88	22	41.	2.5	5.2	5.0	19.2	19.5	16.6	16.5	-.03	.95
1	7 88	23	67.	1.6	4.4	4.2	37.5	43.1	17.1	16.8	.12	.95
1	7 88	24	75.	1.9	5.0	4.8	17.0	20.9	17.4	17.2	.16	.95
2	7 88	1	69.	3.2	6.4	6.2	14.2	14.7	17.8	17.6	.09	.95
2	7 88	2	72.	2.7	6.2	5.6	18.7	19.3	17.9	17.7	.06	.95
2	7 88	3	55.	3.0	6.6	6.2	16.8	17.7	17.5	17.4	.03	.95
2	7 88	4	76.	4.1	8.0	7.6	16.4	17.9	17.6	17.4	.09	.94
2	7 88	5	82.	4.8	9.6	9.0	13.3	13.8	17.7	17.6	.00	.95
2	7 88	6	97.	3.9	8.6	7.8	12.5	13.0	17.4	17.4	-.03	.95
2	7 88	7	91.	4.6	9.6	8.8	12.3	12.6	16.9	16.9	-.06	.95
2	7 88	8	101.	4.6	9.8	8.8	11.8	12.1	16.9	16.8	-.06	.95
2	7 88	9	91.	4.9	9.2	8.6	11.8	12.1	17.2	17.3	-.09	.95
2	7 88	10	107.	5.2	9.4	8.4	11.5	12.9	17.5	17.5	-.06	.95
2	7 88	11	112.	4.2	7.4	7.0	12.0	13.5	17.8	17.8	-.12	.85
2	7 88	12	148.	4.6	9.8	8.2	13.2	17.3	17.9	18.0	-.16	.85
2	7 88	13	146.	2.4	5.4	5.0	14.4	17.2	17.3	17.5	-.22	.95
2	7 88	14	135.	1.4	3.2	3.0	19.4	21.6	18.7	19.5	-.37	.85
2	7 88	15	162.	2.3	5.0	4.8	21.6	24.1	19.5	20.4	-.34	.80
2	7 88	16	145.	2.1	4.4	3.8	12.0	18.1	18.1	18.4	-.22	.92
2	7 88	17	131.	2.0	4.0	3.8	14.4	19.8	17.5	17.8	-.19	.93
2	7 88	18	176.	1.9	4.0	3.8	15.7	26.1	17.0	17.2	-.19	.93
2	7 88	19	190.	2.4	4.2	4.0	13.2	13.4	16.4	16.6	-.16	.94
2	7 88	20	191.	2.1	3.8	3.6	16.3	16.7	16.2	16.3	-.16	.95
2	7 88	21	201.	3.1	7.2	6.2	15.1	16.0	15.7	15.7	-.06	.93
2	7 88	22	193.	3.1	6.6	6.2	18.0	18.5	14.8	14.7	.06	.83
2	7 88	23	193.	3.0	6.4	6.2	16.6	17.0	14.5	14.3	.09	.80
2	7 88	24	194.	3.3	8.0	6.8	19.6	19.7	13.8	13.7	.06	.79
3	7 88	1	187.	3.8	6.4	6.0	12.8	13.2	13.0	12.8	.06	.83
3	7 88	2	186.	3.7	7.4	7.0	15.5	15.9	12.6	12.5	.00	.85
3	7 88	3	204.	2.8	6.8	6.2	21.6	22.1	12.4	12.2	.00	.83
3	7 88	4	184.	2.6	6.4	6.0	17.3	18.4	12.0	11.8	.00	.83
3	7 88	5	193.	3.5	7.0	6.4	14.9	15.0	11.9	11.9	-.03	.84
3	7 88	6	198.	3.4	7.0	6.4	16.8	16.9	12.9	13.5	-.25	.80
3	7 88	7	193.	3.5	7.8	7.2	15.1	15.5	14.7	15.8	-.25	.75
3	7 88	8	193.	4.4	9.0	8.6	17.2	17.4	16.0	17.1	-.56	.73
3	7 88	9	172.	4.3	9.0	8.6	17.3	18.3	17.0	18.1	-.53	.67
3	7 88	10	191.	4.5	9.2	8.6	19.4	20.2	17.7	18.9	-.81	.64
3	7 88	11	165.	4.9	9.8	8.8	19.3	20.6	18.0	19.1	-.62	.60
3	7 88	12	167.	4.6	8.8	8.4	20.9	22.8	17.7	18.8	-.59	.68
3	7 88	13	129.	3.9	6.8	6.4	17.6	21.6	18.2	19.1	-.53	.68
3	7 88	14	135.	3.4	7.0	6.8	14.9	15.7	17.7	18.2	-.31	.72
3	7 88	15	138.	4.1	7.8	7.0	15.2	18.3	18.9	19.8	-.37	.74
3	7 88	16	127.	5.0	9.2	8.8	14.3	15.1	18.6	19.0	-.25	.74
3	7 88	17	80.	3.9	99.0	99.0	13.0	23.0	15.0	15.2	-.28	.93
3	7 88	18	86.	2.0	3.8	3.6	13.6	17.6	16.1	16.7	-.31	.92
3	7 88	19	166.	2.7	5.6	5.4	16.5	34.9	16.5	16.6	-.06	.91
3	7 88	20	222.	2.2	4.4	4.4	14.5	21.5	16.4	16.4	-.12	.89
3	7 88	21	209.	2.3	4.8	4.6	13.1	13.4	15.5	15.5	-.09	.88
3	7 88	22	221.	2.4	4.4	4.2	12.3	13.0	14.6	14.3	.06	.88
3	7 88	23	181.	1.5	3.6	3.2	13.6	17.8	13.7	12.7	.19	.89
3	7 88	24	86.	1.0	2.4	2.4	37.6	49.1	13.3	11.6	.31	.81

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	7 88	1	131.	.4	1.0	.8	9.8	28.9	13.1	10.9	.22	.78
4	7 88	2	98.	.8	1.4	1.2	4.2	15.9	12.8	10.7	.53	.85
4	7 88	3	302.	1.6	3.2	3.0	20.9	63.9	12.1	10.8	.47	.92
4	7 88	4	328.	1.3	2.8	2.6	10.6	18.9	11.5	11.0	.09	.92
4	7 88	5	340.	2.2	4.0	3.8	7.7	10.0	12.0	11.7	.06	.93
4	7 88	6	20.	1.2	3.2	3.0	11.2	17.6	13.5	14.8	.19	.85
4	7 88	7	69.	1.6	5.2	5.0	47.9	62.9	15.1	16.4	-.31	.83
4	7 88	8	83.	3.4	6.0	5.8	16.3	19.7	15.4	16.0	-.40	.82
4	7 88	9	90.	3.3	6.2	5.8	14.3	14.7	16.7	17.2	-.43	.87
4	7 88	10	120.	4.2	8.0	7.2	14.5	17.7	16.6	16.8	-.19	.89
4	7 88	11	135.	4.3	8.8	8.4	15.0	15.4	16.5	16.7	-.12	.94
4	7 88	12	122.	4.8	9.0	8.2	13.4	14.0	16.8	17.0	-.16	.88
4	7 88	13	117.	5.1	9.4	9.0	12.9	13.3	16.7	16.7	-.12	.75
4	7 88	14	122.	5.8	11.2	10.8	11.9	12.7	16.3	16.3	-.12	.85
4	7 88	15	124.	5.3	10.8	10.2	12.3	13.3	16.0	16.1	-.12	.95
4	7 88	16	114.	3.9	10.6	10.2	10.1	12.3	15.2	15.3	-.19	.94
4	7 88	17	224.	2.9	7.0	6.0	21.9	39.8	16.0	16.1	-.22	.95
4	7 88	18	101.	2.4	5.2	5.0	13.2	40.9	14.4	14.4	.09	.94
4	7 88	19	121.	1.3	2.6	2.4	9.7	13.8	15.5	16.1	-.31	.95
4	7 88	20	105.	1.7	2.8	2.6	4.2	6.3	15.5	15.7	-.12	.95
4	7 88	21	91.	2.2	2.8	2.6	2.8	10.9	15.2	15.0	.25	.95
4	7 88	22	87.	1.8	2.4	2.4	3.4	6.9	15.1	14.5	.34	.95
4	7 88	23	326.	1.2	2.6	2.4	15.1	36.7	14.6	13.3	.31	.95
4	7 88	24	332.	1.0	2.0	1.8	16.6	36.9	14.1	13.0	.53	.95
5	7 88	1	328.	1.9	3.8	3.2	8.8	15.0	13.3	12.9	.59	.95
5	7 88	2	349.	2.8	4.4	4.2	6.3	11.9	13.1	12.8	.19	.95
5	7 88	3	346.	1.9	3.6	3.4	7.7	13.9	13.1	12.4	.25	.95
5	7 88	4	335.	1.8	3.4	3.2	7.8	10.1	13.1	12.9	.09	.95
5	7 88	5	59.	1.6	4.2	3.8	16.6	26.2	13.9	13.8	-.09	.95
5	7 88	6	69.	2.5	5.8	5.6	19.0	19.7	14.9	14.9	-.19	.95
5	7 88	7	62.	3.7	6.8	6.4	13.8	14.3	15.3	15.6	-.22	.95
5	7 88	8	86.	4.2	8.0	7.2	13.6	16.0	16.1	16.5	-.31	.95
5	7 88	9	98.	3.9	7.8	7.4	15.0	16.6	17.1	17.6	-.34	.93
5	7 88	10	118.	4.9	9.8	9.4	12.0	13.8	18.3	18.9	-.34	.91
5	7 88	11	129.	5.5	10.4	9.6	13.6	14.4	19.1	19.5	-.19	.87
5	7 88	12	124.	5.2	11.0	10.0	13.8	14.5	19.6	20.0	-.25	.86
5	7 88	13	150.	4.2	8.2	7.8	14.9	18.0	19.8	20.3	-.25	.82
5	7 88	14	141.	3.5	7.0	6.6	17.3	20.2	20.4	21.2	-.25	.82
5	7 88	15	138.	4.2	7.2	7.0	14.3	15.0	20.6	21.4	-.37	.82
5	7 88	16	135.	3.2	6.4	6.2	14.8	16.0	21.0	21.6	-.28	.80
5	7 88	17	142.	2.7	5.2	4.8	17.9	18.4	22.0	22.9	-.25	.74
5	7 88	18	98.	2.8	5.2	5.0	13.3	20.4	21.2	21.3	-.19	.76
5	7 88	19	56.	2.4	6.6	6.2	14.3	24.2	20.6	20.4	-.06	.80
5	7 88	20	58.	2.2	6.8	6.4	49.5	54.7	19.2	19.1	-.12	.87
5	7 88	21	353.	1.5	5.6	5.2	33.8	41.3	18.1	17.9	-.09	.91
5	7 88	22	287.	2.0	6.4	6.2	38.9	54.9	16.9	16.8	-.06	.95
5	7 88	23	347.	2.1	5.2	4.8	29.3	38.4	16.1	15.8	.31	.95
5	7 88	24	336.	1.5	3.4	3.2	19.8	26.0	16.0	15.5	.62	.95
6	7 88	1	63.	1.8	5.6	5.2	36.3	53.2	16.4	15.9	.50	.95
6	7 88	2	136.	4.4	11.6	11.0	13.9	30.6	17.0	16.7	.16	.95
6	7 88	3	108.	4.4	8.0	7.6	11.1	13.7	16.0	16.0	-.09	.95
6	7 88	4	91.	3.7	6.8	6.2	10.6	11.4	15.6	15.6	-.06	.95
6	7 88	5	69.	4.1	9.2	8.0	12.8	13.5	15.8	15.8	-.03	.95
6	7 88	6	82.	4.8	10.8	9.0	16.4	16.9	15.6	15.5	-.03	.95
6	7 88	7	103.	4.7	9.0	8.2	13.3	14.2	15.7	15.7	-.03	.95
6	7 88	8	108.	5.9	12.8	12.4	12.1	12.5	15.8	15.8	-.06	.95
6	7 88	9	114.	6.0	11.0	10.6	11.9	12.3	16.0	16.1	-.06	.95
6	7 88	10	159.	3.7	7.6	7.2	14.0	19.1	16.6	16.8	-.12	.95
6	7 88	11	194.	3.5	7.2	6.8	15.7	18.7	17.1	17.6	-.25	.95
6	7 88	12	204.	4.0	7.6	7.4	16.1	16.8	18.6	19.5	-.56	.89
6	7 88	13	195.	5.2	10.2	9.6	19.7	20.2	19.8	20.8	-.71	.76
6	7 88	14	183.	4.2	9.2	8.8	22.5	24.4	20.2	21.3	-.65	.79
6	7 88	15	190.	5.5	10.8	9.8	16.0	17.1	20.0	20.9	-.53	.80
6	7 88	16	191.	5.5	10.2	10.0	16.2	16.3	20.1	21.3	-.71	.79
6	7 88	17	190.	4.8	8.8	8.4	15.8	15.8	19.7	20.6	-.53	.81
6	7 88	18	195.	4.5	8.8	8.2	16.6	16.8	19.3	19.9	-.37	.82
6	7 88	19	193.	4.5	10.0	9.6	17.5	17.7	19.1	19.8	-.40	.81
6	7 88	20	202.	4.4	8.6	7.8	17.2	17.3	18.3	18.5	-.28	.83
6	7 88	21	202.	3.9	7.2	7.0	15.3	15.4	17.0	16.7	-.09	.86
6	7 88	22	204.	3.0	6.0	5.4	15.2	15.3	15.8	15.5	.06	.89
6	7 88	23	212.	2.6	5.4	5.0	19.1	19.6	14.9	14.6	.09	.90
6	7 88	24	200.	1.7	4.4	4.4	20.2	21.3	14.2	13.5	.16	.92

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
7	7	88	1	183.	1.6	3.8	3.6	21.3	27.2	13.9	13.1	.12	.91
7	7	88	2	215.	2.6	6.6	6.2	12.7	17.7	12.9	12.1	.28	.94
7	7	88	3	231.	2.5	6.0	5.6	16.4	17.3	13.1	12.6	.25	.91
7	7	88	4	226.	2.0	4.2	4.0	14.0	15.8	13.0	12.7	-.03	.92
7	7	88	5	214.	1.8	5.4	5.0	16.6	21.2	13.5	13.6	-.12	.89
7	7	88	6	232.	1.0	3.0	2.6	27.4	28.3	14.9	15.6	-.56	.84
7	7	88	7	160.	1.0	2.6	2.4	24.6	33.0	15.3	16.0	-.22	.83
7	7	88	8	166.	1.8	3.8	3.8	13.8	17.2	15.5	15.9	-.16	.82
7	7	88	9	307.	1.7	5.2	5.0	20.6	58.3	13.8	13.9	-.28	.91
7	7	88	10	28.	1.2	2.8	2.6	17.8	31.6	14.2	15.0	-.34	.94
7	7	88	11	263.	1.2	3.8	3.8	51.4	69.4	15.1	15.9	-.47	.91
7	7	88	12	181.	2.5	8.4	6.8	35.5	55.7	16.2	16.9	-.47	.88
7	7	88	13	167.	5.1	9.8	9.6	15.7	17.4	16.7	17.2	-.25	.83
7	7	88	14	194.	4.5	8.8	8.2	21.6	23.0	17.1	17.6	-.31	.80
7	7	88	15	291.	2.0	7.4	6.4	73.8	125.5	15.6	16.0	-.25	.91
7	7	88	16	114.	1.2	3.4	3.0	30.8	121.0	14.7	15.6	-.37	.93
7	7	88	17	0.	1.9	4.2	3.8	32.2	61.5	14.8	15.2	-.06	.95
7	7	88	18	294.	2.3	7.4	7.0	40.3	84.3	14.7	14.2	.31	.95
7	7	88	19	84.	1.9	5.2	5.0	16.0	50.2	13.5	13.3	.31	.93
7	7	88	20	127.	2.0	3.4	3.2	5.1	13.0	13.8	12.7	.84	.95
7	7	88	21	150.	2.7	3.6	3.4	2.8	8.4	14.1	12.9	.87	.93
7	7	88	22	207.	1.9	3.0	2.8	9.2	15.5	13.7	12.3	.53	.95
7	7	88	23	204.	2.1	4.4	4.0	10.3	11.8	12.9	11.7	.53	.95
7	7	88	24	200.	2.1	4.8	4.4	11.3	11.8	12.5	11.6	.40	.95
8	7	88	1	231.	1.7	3.6	3.2	13.5	16.3	12.0	10.8	.43	.94
8	7	88	2	104.	1.5	3.6	3.4	30.8	45.6	12.1	10.9	.28	.93
8	7	88	3	174.	.7	2.4	2.2	46.0	56.6	11.7	10.1	.34	.93
8	7	88	4	235.	.7	2.4	2.2	16.5	27.9	12.0	10.0	.06	.93
8	7	88	5	226.	.3	1.0	.8	21.3	34.1	13.1	11.8	-.47	.95
8	7	88	6	318.	.7	1.6	1.4	33.5	71.9	13.0	13.0	-.09	.95
8	7	88	7	112.	.8	2.6	2.4	37.1	114.8	13.8	14.4	-.12	.92
8	7	88	8	162.	1.5	4.4	4.2	19.4	25.7	15.3	16.3	-.25	.86
8	7	88	9	181.	2.1	4.2	4.0	22.0	24.0	16.0	16.8	-.50	.78
8	7	88	10	162.	2.6	6.4	6.0	18.9	21.6	16.3	17.2	-.34	.79
8	7	88	11	160.	3.6	7.4	6.8	17.7	21.0	16.7	17.7	-.43	.80
8	7	88	12	222.	3.5	7.4	6.8	19.1	29.0	16.7	17.5	-.47	.78
8	7	88	13	179.	2.6	5.2	4.8	28.3	33.8	16.7	17.7	-.90	.78
8	7	88	14	132.	3.4	7.4	7.2	28.0	34.1	17.0	18.3	-.59	.80
8	7	88	15	127.	4.3	7.6	7.2	15.1	16.6	16.8	17.9	-.50	.77
8	7	88	16	163.	4.6	8.6	8.4	17.1	19.4	17.1	18.2	-.37	.77
8	7	88	17	174.	4.9	8.6	7.8	15.3	16.8	16.9	17.9	-.31	.79
8	7	88	18	180.	3.6	7.4	6.6	17.3	18.0	16.5	17.2	-.25	.82
8	7	88	19	181.	3.2	6.2	5.8	15.0	16.5	16.1	16.6	-.19	.84
8	7	88	20	180.	2.1	4.8	4.2	14.2	14.9	15.7	16.0	-.19	.86
8	7	88	21	225.	1.8	4.6	4.2	20.7	32.2	14.7	14.7	-.12	.88
8	7	88	22	245.	1.8	4.2	4.0	13.8	19.9	13.2	13.1	-.06	.92
8	7	88	23	246.	.7	1.8	1.6	13.4	17.2	12.7	12.2	.19	.95
8	7	88	24	59.	.5	2.0	1.8	54.5	128.5	12.8	11.8	.19	.95
9	7	88	1	169.	.6	1.8	1.6	45.8	97.7	12.4	11.9	.31	.95
9	7	88	2	285.	.5	1.6	1.2	29.6	85.3	12.3	11.8	.34	.95
9	7	88	3	3.	.5	1.4	1.4	17.6	31.2	11.9	11.7	.25	.95
9	7	88	4	332.	.4	1.0	.8	16.4	29.1	11.8	11.6	.22	.95
9	7	88	5	20.	.4	1.4	1.4	20.0	25.8	12.0	12.0	.25	.95
9	7	88	6	91.	.4	1.4	1.4	54.4	71.0	13.1	13.2	.00	.95
9	7	88	7	181.	.4	1.4	1.4	23.1	36.0	13.8	14.5	-.31	.90
9	7	88	8	184.	.5	1.6	1.4	34.9	42.0	14.4	14.9	-.40	.93
9	7	88	9	179.	1.0	2.8	2.6	36.0	39.2	16.7	17.6	-.56	.79
9	7	88	10	160.	1.9	4.2	3.8	27.7	29.0	16.2	17.0	-.40	.81
9	7	88	11	159.	3.8	8.2	7.8	36.2	38.9	16.9	18.0	-.59	.77
9	7	88	12	194.	2.9	7.2	6.6	34.6	47.2	15.4	16.0	-.47	.79
9	7	88	13	141.	1.4	5.4	4.8	53.5	70.6	14.6	14.7	-.25	.91
9	7	88	14	166.	4.0	8.4	7.8	21.7	23.9	16.7	17.4	-.34	.79
9	7	88	15	173.	4.6	8.4	7.8	19.5	21.6	17.7	18.7	-.50	.70
9	7	88	16	183.	4.9	10.2	9.0	17.8	18.4	17.7	18.8	-.53	.72
9	7	88	17	191.	4.5	8.8	8.6	17.4	18.1	17.1	17.8	-.40	.73
9	7	88	18	179.	3.7	7.2	6.8	17.4	18.0	16.6	17.0	-.19	.77
9	7	88	19	194.	3.5	7.2	6.6	16.5	17.3	16.9	17.7	-.43	.75
9	7	88	20	181.	2.0	4.8	4.4	17.2	18.6	16.6	16.8	-.34	.79
9	7	88	21	169.	2.2	4.6	4.2	11.3	12.3	15.0	14.4	.03	.87
9	7	88	22	186.	1.7	3.4	3.2	16.5	17.8	13.6	12.4	.19	.90
9	7	88	23	153.	.9	3.0	3.0	22.3	25.2	13.1	11.6	.12	.92
9	7	88	24	148.	.7	1.8	1.6	19.0	25.2	12.8	10.8	.12	.93

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	7 88	1	188.	.7	1.6	1.4	17.8	30.5	12.3	10.6	.28	.93
10	7 88	2	263.	.6	1.2	1.2	18.8	24.5	11.2	9.9	.47	.92
10	7 88	3	307.	1.1	2.8	2.6	15.3	21.6	10.3	9.5	.31	.92
10	7 88	4	323.	1.9	3.0	2.8	6.0	8.9	9.4	9.4	.19	.92
10	7 88	5	315.	1.6	3.2	3.0	9.8	11.9	9.3	9.5	-.09	.92
10	7 88	6	333.	1.1	2.8	2.6	20.4	25.2	9.8	10.1	-.19	.93
10	7 88	7	329.	.9	2.4	2.2	20.9	24.1	10.6	11.2	-.12	.94
10	7 88	8	301.	.5	2.0	1.8	35.8	45.8	12.3	13.1	-.19	.95
10	7 88	9	117.	1.0	3.8	3.6	70.3	104.1	15.9	16.7	-.47	.85
10	7 88	10	173.	3.0	6.4	5.8	27.7	33.9	16.9	18.2	-.62	.78
10	7 88	11	179.	4.1	9.6	9.0	17.7	18.4	18.5	19.7	-.62	.69
10	7 88	12	195.	6.0	12.6	12.0	17.7	19.5	18.6	19.8	-.68	.68
10	7 88	13	187.	6.5	12.4	11.6	16.7	17.4	18.2	19.3	-.68	.70
10	7 88	14	193.	6.7	12.4	11.8	17.2	17.9	17.5	18.3	-.59	.73
10	7 88	15	204.	7.4	13.6	13.0	16.5	16.9	16.4	16.8	-.31	.71
10	7 88	16	156.	3.9	12.4	11.6	16.6	24.1	14.3	14.5	-.25	.87
10	7 88	17	150.	3.5	7.2	6.6	14.8	15.1	14.0	14.1	-.12	.95
10	7 88	18	163.	5.6	13.8	13.4	14.0	14.4	14.2	14.2	-.09	.94
10	7 88	19	163.	5.3	11.4	10.6	14.7	15.7	13.9	14.0	-.09	.95
10	7 88	20	167.	4.5	11.2	11.0	15.8	16.2	14.3	14.4	-.09	.95
10	7 88	21	170.	5.7	11.0	10.6	15.7	15.7	14.6	14.6	-.09	.95
10	7 88	22	177.	6.1	14.6	12.6	15.4	15.6	14.8	14.8	-.09	.95
10	7 88	23	179.	5.2	11.0	10.2	16.0	16.2	15.0	15.0	-.06	.95
10	7 88	24	190.	4.9	10.4	9.8	16.6	17.0	15.2	15.2	-.09	.95
11	7 88	1	188.	5.0	10.6	9.8	15.8	16.2	15.3	15.4	-.06	.95
11	7 88	2	179.	5.2	10.4	9.2	16.5	16.6	15.4	15.5	-.06	.95
11	7 88	3	181.	5.3	13.0	12.4	15.8	16.0	15.5	15.5	-.06	.95
11	7 88	4	180.	5.9	12.2	11.4	15.1	15.5	15.4	15.5	-.09	.95
11	7 88	5	186.	6.6	13.2	12.6	15.8	16.2	15.3	15.3	-.06	.95
11	7 88	6	211.	3.9	9.6	8.8	17.2	19.3	15.0	15.1	-.12	.84
11	7 88	7	291.	1.2	3.4	3.2	24.9	34.4	14.9	15.1	-.16	.83
11	7 88	8	165.	1.8	4.8	4.6	29.2	55.9	14.7	14.9	-.19	.83
11	7 88	9	183.	3.3	6.4	6.0	14.0	15.1	14.7	14.9	-.16	.93
11	7 88	10	165.	3.9	9.0	8.4	15.7	17.1	14.6	14.9	-.19	.94
11	7 88	11	121.	3.8	8.0	7.2	14.8	18.7	14.3	14.5	-.19	.95
11	7 88	12	186.	2.7	6.0	5.6	21.4	36.0	15.9	16.7	-.37	.94
11	7 88	13	181.	4.0	8.6	8.2	20.8	22.2	18.0	19.3	-.53	.88
11	7 88	14	190.	5.2	11.0	10.4	17.6	19.5	18.8	20.1	-.59	.86
11	7 88	15	188.	5.3	10.6	9.6	18.1	19.1	19.3	20.4	-.56	.83
11	7 88	16	193.	5.6	12.0	10.6	17.2	17.7	19.3	20.3	-.56	.77
11	7 88	17	188.	5.2	9.8	9.2	18.8	19.4	19.3	20.3	-.47	.74
11	7 88	18	190.	4.6	10.0	9.4	17.7	17.7	19.2	20.1	-.40	.74
11	7 88	19	195.	5.6	9.6	9.2	14.7	14.9	18.1	18.7	-.34	.75
11	7 88	20	198.	4.2	10.4	9.4	16.7	16.8	16.9	17.0	-.28	.80
11	7 88	21	219.	4.2	8.0	7.8	14.5	15.5	16.0	15.7	-.09	.85
11	7 88	22	217.	4.0	8.0	7.2	16.3	16.5	15.1	14.9	.03	.82
11	7 88	23	224.	3.3	7.4	6.8	16.4	16.8	14.2	14.1	-.03	.83
11	7 88	24	155.	1.5	6.2	5.8	38.1	44.6	13.3	12.8	.03	.89
12	7 88	1	326.	.7	2.6	2.4	61.1	84.6	12.5	11.0	.09	.93
12	7 88	2	211.	1.1	4.2	4.0	53.8	74.5	12.2	10.7	.12	.92
12	7 88	3	200.	2.1	5.2	4.8	15.3	24.2	11.7	11.0	.19	.90
12	7 88	4	190.	2.6	5.8	5.2	14.3	16.2	11.6	11.2	.06	.90
12	7 88	5	167.	1.1	3.4	3.2	55.1	58.6	12.7	12.9	-.16	.85
12	7 88	6	225.	1.9	5.6	5.2	25.4	29.7	14.1	15.1	-.28	.79
12	7 88	7	221.	1.9	5.2	4.8	25.6	27.5	14.5	15.1	-.56	.80
12	7 88	8	212.	1.8	4.0	3.6	23.1	23.4	15.5	16.3	-.62	.80
12	7 88	9	194.	2.5	6.0	5.6	27.0	27.8	17.0	17.8	-.87	.75
12	7 88	10	170.	3.4	7.8	7.6	18.0	21.1	17.4	18.5	-.65	.73
12	7 88	11	167.	4.4	9.4	8.6	17.4	19.9	16.5	17.1	-.47	.79
12	7 88	12	191.	3.9	11.0	10.0	18.9	20.5	17.9	19.2	-.62	.80
12	7 88	13	198.	5.0	11.6	11.0	17.2	17.8	18.1	19.2	-.81	.73
12	7 88	14	274.	5.8	10.8	10.4	19.1	31.5	18.7	19.9	-1.02	.67
12	7 88	15	229.	2.4	8.0	7.6	44.4	48.5	16.3	17.0	-.62	.82
12	7 88	16	319.	2.7	10.0	9.4	32.7	41.6	17.0	17.9	-.62	.78
12	7 88	17	150.	1.1	3.2	3.2	36.7	64.3	13.4	13.6	.09	.93
12	7 88	18	129.	1.9	4.2	4.0	22.5	33.0	16.6	17.6	-.25	.86
12	7 88	19	181.	2.6	6.0	5.6	11.9	20.9	16.3	16.8	-.16	.87
12	7 88	20	197.	3.0	6.0	5.8	18.3	18.5	17.2	17.2	-.31	.82
12	7 88	21	204.	2.4	4.4	4.2	13.5	13.6	16.0	15.1	-.06	.87
12	7 88	22	245.	1.1	3.6	3.2	42.4	44.2	14.5	13.0	.16	.92
12	7 88	23	252.	1.9	7.2	6.4	49.0	57.9	14.2	12.8	.19	.89
12	7 88	24	262.	1.2	5.4	4.8	37.3	42.2	14.1	13.1	.12	.88

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	7 88	1	73.	.8	2.4	2.2	70.2	101.6	13.1	11.3	.40	.93
13	7 88	2	271.	.8	1.6	1.4	28.8	63.7	12.2	10.7	.65	.94
13	7 88	3	309.	1.5	2.8	2.6	9.2	21.6	10.7	10.1	.75	.94
13	7 88	4	339.	1.5	3.2	3.0	6.6	12.7	10.1	9.5	.22	.93
13	7 88	5	200.	.8	2.6	2.4	51.2	74.6	10.7	10.3	.34	.93
13	7 88	6	309.	.7	1.6	1.4	32.2	44.1	12.8	13.4	.03	.94
13	7 88	7	330.	.9	1.8	1.8	21.6	26.2	13.9	15.1	-.19	.82
13	7 88	8	125.	.6	2.4	2.2	70.8	87.7	16.7	18.2	.19	.76
13	7 88	9	120.	1.9	3.6	3.4	15.5	16.4	16.8	18.1	-.62	.79
13	7 88	10	186.	2.9	6.6	6.2	24.4	31.9	18.4	19.6	-.78	.66
13	7 88	11	166.	3.9	10.0	9.2	17.7	22.1	17.6	18.4	-.40	.73
13	7 88	12	167.	4.7	9.4	9.0	19.4	19.5	18.1	19.3	-.59	.77
13	7 88	13	163.	4.5	8.0	7.6	18.2	19.2	18.2	19.4	-.59	.69
13	7 88	14	150.	4.1	8.0	7.4	19.3	22.0	18.2	19.4	-.50	.66
13	7 88	15	159.	4.1	7.6	7.2	17.5	19.7	18.0	19.1	-.47	.71
13	7 88	16	138.	3.5	6.2	5.6	17.8	23.7	17.9	19.0	-.37	.72
13	7 88	17	124.	2.9	6.4	6.2	17.6	18.4	17.8	18.8	-.40	.73
13	7 88	18	131.	2.2	4.4	4.2	17.6	18.8	17.6	18.4	-.37	.74
13	7 88	19	132.	1.5	3.0	2.8	8.2	10.7	17.5	17.9	-.37	.70
13	7 88	20	299.	.3	1.0	1.0	9.4	42.5	17.3	17.0	-.34	.78
13	7 88	21	37.	1.5	2.6	2.6	16.7	22.3	16.1	14.5	.12	.85
13	7 88	22	347.	1.5	2.8	2.6	16.3	26.1	15.5	14.3	.25	.78
13	7 88	23	28.	1.1	3.0	2.6	18.3	23.6	14.8	13.4	.28	.85
13	7 88	24	35.	1.7	5.2	5.0	22.0	22.5	14.6	13.7	.37	.84
14	7 88	1	6.	2.3	5.2	4.6	9.5	13.0	14.2	12.7	.59	.87
14	7 88	2	344.	2.4	4.2	4.0	8.0	10.0	14.1	12.8	.34	.82
14	7 88	3	346.	2.8	5.2	4.8	11.4	12.7	14.4	14.1	.16	.79
14	7 88	4	69.	2.3	8.2	7.8	48.2	52.5	15.1	14.7	.16	.79
14	7 88	5	356.	2.4	6.2	5.8	19.0	30.0	13.9	13.5	.06	.91
14	7 88	6	18.	2.5	5.2	5.0	15.2	19.3	13.1	12.8	.00	.95
14	7 88	7	20.	4.2	7.4	7.0	12.4	14.3	13.0	12.8	.09	.92
14	7 88	8	350.	2.5	5.8	5.4	10.0	15.5	14.2	14.6	-.03	.89
14	7 88	9	22.	1.7	5.6	4.8	27.2	31.1	15.9	16.5	-.19	.86
14	7 88	10	51.	2.3	7.6	7.4	26.2	29.6	16.3	16.7	-.19	.85
14	7 88	11	60.	4.4	9.4	8.8	19.5	19.8	17.1	17.6	-.28	.82
14	7 88	12	79.	4.4	9.2	8.4	17.0	19.4	17.3	17.5	-.19	.83
14	7 88	13	90.	3.4	7.4	7.2	13.1	14.9	16.0	15.8	-.03	.92
14	7 88	14	49.	4.1	7.8	7.4	15.4	17.9	15.5	15.4	-.03	.93
14	7 88	15	32.	2.1	6.2	5.6	16.8	23.4	15.0	15.0	-.09	.93
14	7 88	16	59.	2.9	6.8	6.2	19.3	20.9	14.6	14.5	.00	.95
14	7 88	17	10.	2.8	6.6	6.4	21.6	27.0	14.2	14.3	-.12	.95
14	7 88	18	25.	3.2	9.4	8.8	21.6	22.9	13.8	13.8	-.09	.95
14	7 88	19	44.	3.4	8.0	7.2	21.4	22.0	13.8	13.6	.00	.95
14	7 88	20	52.	3.5	8.8	8.2	19.5	20.1	14.1	14.0	-.03	.95
14	7 88	21	35.	3.6	7.6	7.4	20.2	20.7	14.2	14.1	-.09	.95
14	7 88	22	56.	3.5	7.8	7.4	19.2	21.2	14.1	14.1	-.06	.95
14	7 88	23	65.	4.7	9.2	8.4	15.3	15.6	14.4	14.4	-.03	.95
14	7 88	24	58.	4.6	8.4	8.0	15.8	16.0	14.6	14.5	-.03	.95
15	7 88	1	58.	5.1	11.2	10.0	15.9	16.0	14.3	14.3	-.06	.95
15	7 88	2	35.	3.5	9.4	8.8	22.6	24.0	13.8	13.8	-.09	.95
15	7 88	3	28.	3.8	7.8	7.4	18.9	19.5	13.5	13.4	-.06	.95
15	7 88	4	42.	3.7	9.4	8.4	19.8	21.8	13.4	13.3	-.06	.95
15	7 88	5	24.	3.9	9.0	8.2	20.2	20.7	13.6	13.5	-.06	.95
15	7 88	6	35.	3.5	8.2	7.8	19.7	20.1	13.6	13.6	-.06	.95
15	7 88	7	11.	3.4	7.6	7.0	17.0	17.9	13.6	13.6	-.09	.95
15	7 88	8	6.	3.6	7.6	7.0	13.6	13.8	13.6	13.6	-.12	.95
15	7 88	9	4.	2.2	6.4	6.0	23.1	23.4	13.6	13.7	-.16	.95
15	7 88	10	56.	1.6	6.8	6.2	29.1	38.7	14.1	14.4	-.12	.95
15	7 88	11	80.	2.8	6.0	5.6	14.1	17.4	14.2	14.3	-.12	.95
15	7 88	12	66.	2.3	4.8	4.6	14.6	15.7	14.4	14.7	-.22	.95
15	7 88	13	77.	1.9	3.8	3.6	15.3	17.5	14.9	15.3	-.25	.95
15	7 88	14	101.	2.8	5.6	5.4	16.2	17.4	16.7	17.7	-.50	.95
15	7 88	15	108.	3.7	7.6	7.0	13.1	13.6	17.5	18.2	-.37	.93
15	7 88	16	128.	4.2	8.6	8.0	14.5	17.2	17.7	18.4	-.28	.92
15	7 88	17	121.	3.9	7.6	6.6	13.8	15.0	17.9	18.8	-.31	.87
15	7 88	18	115.	2.6	5.0	4.8	14.1	15.6	18.4	19.3	-.31	.84
15	7 88	19	59.	1.9	4.0	3.8	17.3	25.4	18.7	19.6	-.53	.82
15	7 88	20	70.	2.3	4.8	4.6	11.9	12.8	17.7	17.7	-.16	.86
15	7 88	21	35.	2.3	4.2	4.0	10.9	15.5	16.9	16.5	.06	.91
15	7 88	22	22.	2.5	4.2	4.2	9.5	12.0	16.6	16.1	.09	.93
15	7 88	23	357.	2.3	4.4	3.8	8.0	11.9	16.1	15.4	.06	.95
15	7 88	24	329.	2.6	4.4	4.2	7.6	13.6	15.6	15.1	.16	.95

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	7 88	1	325.	2.3	4.2	3.8	5.6	8.8	14.9	14.6	.37	.95
16	7 88	2	322.	2.4	4.0	3.8	7.2	11.9	14.6	14.0	.43	.95
16	7 88	3	351.	1.9	3.6	3.2	8.3	10.9	14.5	14.0	.47	.95
16	7 88	4	340.	2.1	4.4	4.2	7.8	9.3	14.4	13.8	.43	.95
16	7 88	5	309.	2.2	3.8	3.6	10.2	15.8	14.2	13.9	.40	.95
16	7 88	6	314.	2.5	4.0	3.8	8.4	10.8	14.3	14.4	.28	.95
16	7 88	7	309.	2.5	5.0	4.6	9.7	11.6	15.1	15.5	-.03	.95
16	7 88	8	4.	1.9	3.4	3.2	13.6	22.3	17.0	17.7	-.12	.91
16	7 88	9	10.	2.8	5.4	5.0	14.6	16.7	18.8	19.8	-.19	.86
16	7 88	10	44.	2.5	5.2	5.0	17.6	21.6	20.0	21.3	-.34	.84
16	7 88	11	111.	1.9	4.6	4.2	34.0	38.1	20.7	21.6	-.43	.82
16	7 88	12	96.	1.9	5.0	4.6	60.9	75.3	21.8	23.0	-.53	.78
16	7 88	13	156.	2.2	4.8	4.4	21.4	33.1	21.9	22.8	-.47	.76
16	7 88	14	141.	2.5	5.0	4.6	20.9	23.9	22.4	23.5	-.43	.76
16	7 88	15	187.	2.3	4.4	4.2	22.9	25.8	22.8	24.0	-.40	.74
16	7 88	16	129.	2.1	7.2	7.0	22.3	33.6	22.3	23.1	-.43	.77
16	7 88	17	134.	2.2	4.6	4.4	18.3	21.8	21.3	22.1	-.31	.82
16	7 88	18	148.	1.5	4.2	4.0	19.9	23.9	21.6	22.6	-.25	.80
16	7 88	19	27.	1.2	2.2	2.0	23.4	45.5	20.7	21.1	-.31	.87
16	7 88	20	342.	2.2	4.2	4.0	22.7	24.3	18.9	18.9	-.12	.85
16	7 88	21	298.	2.5	4.2	3.8	6.1	16.9	17.5	17.0	.12	.89
16	7 88	22	318.	2.0	2.8	2.8	3.7	10.1	16.4	15.9	.31	.95
16	7 88	23	318.	3.1	4.4	4.2	4.2	5.1	16.0	15.7	.25	.95
16	7 88	24	339.	2.6	3.8	3.6	4.9	10.0	15.5	15.3	.31	.95
17	7 88	1	330.	2.7	4.0	3.8	6.0	8.7	15.5	15.3	.12	.95
17	7 88	2	315.	2.5	3.6	3.4	7.4	10.8	15.7	15.5	.06	.95
17	7 88	3	329.	2.8	4.2	4.0	6.1	8.3	15.5	15.4	.06	.95
17	7 88	4	321.	2.6	4.0	3.8	5.6	9.4	15.4	15.2	.09	.95
17	7 88	5	302.	2.5	3.6	3.4	5.4	9.0	15.3	15.3	.09	.95
17	7 88	6	295.	2.6	3.8	3.4	4.2	6.4	15.5	15.7	.03	.95
17	7 88	7	356.	1.0	2.8	2.6	25.0	42.6	16.0	16.2	-.06	.95
17	7 88	8	309.	1.5	3.4	3.0	22.9	46.7	15.9	16.1	-.19	.95
17	7 88	9	329.	2.0	3.2	3.0	10.9	17.3	15.5	15.8	-.22	.95
17	7 88	10	344.	1.8	4.0	3.8	14.9	20.5	15.4	15.7	-.19	.95
17	7 88	11	3.	1.2	2.8	2.6	16.2	20.4	15.6	16.1	-.22	.95
17	7 88	12	231.	.7	1.8	1.6	55.2	81.9	15.9	16.1	-.28	.95
17	7 88	13	129.	1.3	3.6	3.4	18.6	41.3	15.5	15.9	-.25	.95
17	7 88	14	165.	2.8	5.8	5.4	14.5	17.6	16.5	17.1	-.25	.95
17	7 88	15	170.	3.1	6.4	6.2	18.0	21.4	16.5	16.9	-.25	.95
17	7 88	16	197.	4.1	8.2	8.0	14.7	15.8	17.1	17.7	-.22	.90
17	7 88	17	169.	3.6	7.8	7.2	17.8	22.1	17.3	17.9	-.37	.92
17	7 88	18	162.	3.7	7.2	6.6	13.9	15.1	16.5	16.8	-.16	.95
17	7 88	19	150.	3.0	6.2	6.0	13.2	14.8	16.4	16.6	-.06	.93
17	7 88	20	149.	2.4	4.8	4.6	11.2	12.3	16.3	16.1	.03	.91
17	7 88	21	170.	2.4	4.0	3.8	8.9	12.7	15.8	15.4	.12	.92
17	7 88	22	114.	1.9	3.2	3.0	6.7	20.5	15.4	14.6	.22	.87
17	7 88	23	120.	1.6	2.6	2.4	4.9	8.8	14.9	14.0	.37	.95
17	7 88	24	93.	1.4	2.2	2.2	5.1	11.2	14.7	13.7	.37	.95
18	7 88	1	337.	.6	1.8	1.6	17.3	41.6	14.3	13.5	.25	.95
18	7 88	2	7.	1.6	2.6	2.4	7.4	26.2	13.7	13.1	.37	.95
18	7 88	3	38.	1.4	2.4	2.4	14.9	22.9	13.6	12.6	.34	.95
18	7 88	4	357.	1.3	2.6	2.4	22.5	36.0	13.3	12.5	.28	.95
18	7 88	5	353.	1.3	2.4	2.2	7.7	9.2	13.4	13.0	.16	.95
18	7 88	6	342.	1.0	1.8	1.6	11.2	15.0	13.9	13.8	.00	.95
18	7 88	7	59.	1.0	2.4	2.2	23.4	29.8	15.0	15.2	-.12	.95
18	7 88	8	53.	1.7	3.8	3.6	27.6	28.5	16.8	18.0	-.50	.93
18	7 88	9	114.	2.0	4.0	3.6	20.3	25.8	17.8	19.0	-.56	.88
18	7 88	10	112.	2.3	4.8	4.4	19.3	21.4	18.5	19.8	-.59	.83
18	7 88	11	122.	2.0	4.6	4.2	26.4	29.2	19.7	21.1	-.68	.78
18	7 88	12	125.	2.4	5.0	4.4	17.4	19.7	19.8	20.9	-.47	.79
18	7 88	13	121.	2.1	5.0	4.6	42.9	44.0	20.2	21.7	-.65	.78
18	7 88	14	129.	2.2	4.4	4.2	26.8	29.9	20.9	22.3	-.65	.75
18	7 88	15	132.	2.4	5.0	4.6	20.6	25.5	21.1	22.4	-.40	.73
18	7 88	16	118.	2.7	4.6	4.4	15.6	17.4	20.9	22.1	-.47	.74
18	7 88	17	121.	2.3	4.0	3.8	14.3	15.1	21.0	22.0	-.47	.72
18	7 88	18	156.	2.2	4.6	4.0	14.4	20.5	20.6	21.5	-.25	.70
18	7 88	19	165.	1.7	3.0	2.8	11.8	19.6	19.9	20.5	-.16	.70
18	7 88	20	121.	.7	1.8	1.8	17.5	35.7	19.9	19.2	-.19	.81
18	7 88	21	112.	1.2	2.2	2.0	4.9	18.0	17.7	15.9	.40	.92
18	7 88	22	262.	1.0	2.2	2.0	18.8	69.2	16.6	15.1	.71	.94
18	7 88	23	351.	2.5	4.2	4.0	4.9	23.1	15.2	14.6	.78	.93
18	7 88	24	311.	2.5	3.6	3.4	4.9	14.2	14.8	14.4	.65	.95

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	7 88	1	302.	2.7	3.8	3.6	3.4	8.9	14.2	14.0	.37	.95
19	7 88	2	311.	3.2	4.0	4.0	2.0	6.1	13.9	13.7	.47	.95
19	7 88	3	302.	3.7	5.4	5.0	5.1	11.5	14.0	13.9	.19	.95
19	7 88	4	319.	3.3	5.2	4.8	5.6	7.8	13.9	13.8	.16	.95
19	7 88	5	316.	2.7	4.4	4.2	5.8	8.8	14.0	13.8	.09	.95
19	7 88	6	307.	3.6	5.2	5.0	5.3	6.3	14.2	14.2	.03	.91
19	7 88	7	305.	3.2	4.6	4.4	6.1	7.0	15.4	16.1	-.25	.85
19	7 88	8	319.	3.6	5.8	5.6	8.3	10.7	17.4	18.3	-.43	.78
19	7 88	9	311.	2.8	4.6	4.4	9.4	12.5	19.7	20.8	-.47	.73
19	7 88	10	285.	2.1	3.6	3.4	12.6	17.8	21.8	22.9	-.75	.68
19	7 88	11	290.	1.8	3.2	3.0	15.3	16.6	23.6	24.2	-1.09	.66
19	7 88	12	308.	1.6	3.6	3.2	23.6	24.7	25.0	25.9	-1.12	.61
19	7 88	13	8.	2.1	5.2	4.8	34.5	55.3	24.6	25.9	-.65	.63
19	7 88	14	6.	2.3	6.0	5.6	18.8	20.5	24.7	26.5	-.34	.65
19	7 88	15	15.	2.4	6.2	5.6	30.6	38.2	25.2	26.6	-.59	.65
19	7 88	16	305.	1.4	3.0	2.8	44.3	61.6	25.7	26.6	-.90	.67
19	7 88	17	115.	1.3	3.2	3.0	41.1	90.6	24.8	25.4	-.25	.72
19	7 88	18	118.	1.6	4.0	3.6	12.6	16.6	23.6	24.0	-.28	.80
19	7 88	19	141.	1.7	3.2	3.0	9.3	13.0	23.6	24.1	-.22	.81
19	7 88	20	187.	1.5	2.4	2.4	8.4	25.8	22.8	22.5	.06	.87
19	7 88	21	247.	1.8	2.6	2.4	5.3	21.7	22.4	21.8	.19	.82
19	7 88	22	311.	1.1	2.2	2.0	16.3	39.0	21.6	20.1	.22	.89
19	7 88	23	45.	2.9	5.8	5.2	21.4	31.7	20.9	20.4	.16	.93
19	7 88	24	32.	2.3	4.8	4.4	12.1	14.3	20.9	20.5	.12	.95
20	7 88	1	298.	1.7	3.0	2.8	27.9	35.2	20.2	19.8	.22	.95
20	7 88	2	32.	1.6	3.2	3.0	19.5	38.7	19.6	19.2	.22	.95
20	7 88	3	63.	2.1	9.8	9.2	32.5	46.9	18.6	18.5	-.06	.95
20	7 88	4	49.	3.3	7.0	6.6	24.0	34.8	16.9	16.9	-.28	.95
20	7 88	5	53.	2.2	6.8	6.4	35.1	36.6	16.3	16.2	-.19	.95
20	7 88	6	45.	1.6	5.0	4.8	64.8	72.4	16.1	16.1	-.09	.95
20	7 88	7	25.	2.3	4.6	4.4	16.8	20.8	16.0	16.1	-.09	.95
20	7 88	8	21.	1.6	3.6	3.2	20.9	22.3	16.2	16.4	-.16	.95
20	7 88	9	25.	1.9	3.6	3.4	16.5	18.2	16.4	16.9	-.16	.95
20	7 88	10	8.	1.0	4.2	3.6	33.4	36.7	16.6	16.9	-.16	.95
20	7 88	11	0.	.9	3.2	3.0	46.6	57.6	16.7	17.2	-.25	.95
20	7 88	12	190.	.6	1.6	1.4	51.2	94.9	17.1	17.5	-.34	.95
20	7 88	13	115.	.8	1.8	1.6	37.0	50.5	18.0	18.8	-.31	.92
20	7 88	14	128.	1.0	2.6	2.4	33.2	38.6	19.0	20.2	-.37	.90
20	7 88	15	146.	1.0	3.4	3.2	33.8	43.5	18.6	19.2	-.37	.95
20	7 88	16	153.	1.9	4.4	4.2	19.6	26.9	18.6	19.2	-.19	.95
20	7 88	17	115.	1.9	4.0	3.8	24.8	35.2	19.5	20.5	-.31	.93
20	7 88	18	124.	1.8	3.2	3.0	11.7	13.2	18.7	18.9	-.25	.95
20	7 88	19	284.	2.1	7.6	7.2	25.6	60.6	17.6	17.7	-.12	.95
20	7 88	20	273.	2.2	4.6	4.2	22.2	31.0	17.5	16.7	.22	.93
20	7 88	21	285.	2.6	5.6	5.4	10.9	16.6	16.9	16.2	.16	.94
20	7 88	22	294.	2.7	5.8	5.6	11.3	13.6	16.3	15.7	.31	.85
20	7 88	23	307.	2.0	4.2	4.0	17.5	23.9	15.2	14.0	.31	.91
20	7 88	24	307.	2.5	4.2	3.8	8.9	9.9	14.5	13.4	.37	.89
21	7 88	1	307.	2.8	4.2	3.8	5.1	8.1	14.0	13.3	.37	.85
21	7 88	2	318.	2.9	4.8	4.6	7.0	9.1	13.4	12.7	.37	.86
21	7 88	3	294.	2.8	4.2	4.0	7.4	10.0	12.6	12.0	.28	.89
21	7 88	4	309.	3.5	5.8	5.6	7.0	7.4	12.5	12.0	.34	.84
21	7 88	5	305.	3.5	6.0	5.8	6.1	6.3	12.8	12.6	.03	.80
21	7 88	6	309.	3.3	5.2	4.8	5.6	6.3	13.1	13.5	-.12	.79
21	7 88	7	307.	2.5	3.6	3.4	7.2	7.2	14.3	15.3	-.34	.73
21	7 88	8	329.	1.8	3.2	2.8	17.7	19.5	16.0	17.3	-.53	.67
21	7 88	9	278.	1.9	3.6	3.4	13.6	18.3	17.5	18.4	-.90	.64
21	7 88	10	288.	1.8	3.2	3.0	21.2	23.4	18.4	19.0	-1.02	.64
21	7 88	11	256.	1.5	3.4	3.2	14.1	18.2	18.4	18.8	-.78	.67
21	7 88	12	125.	2.1	5.0	4.8	39.4	57.6	19.6	20.6	-.75	.67
21	7 88	13	190.	2.3	4.4	4.2	20.8	25.2	19.1	20.3	-.47	.70
21	7 88	14	134.	2.8	4.8	4.6	16.8	24.0	18.5	19.5	-.40	.71
21	7 88	15	117.	2.9	5.0	4.6	12.7	15.3	18.4	19.1	-.40	.74
21	7 88	16	128.	2.4	4.2	4.0	12.3	13.5	18.0	18.6	-.34	.76
21	7 88	17	141.	1.6	3.4	3.2	13.6	21.9	18.1	18.8	-.31	.76
21	7 88	18	150.	2.4	4.6	4.2	11.8	14.4	17.5	17.8	-.25	.80
21	7 88	19	162.	2.4	4.2	4.2	11.9	13.0	17.4	17.9	-.16	.79
21	7 88	20	129.	1.5	2.8	2.6	11.5	14.3	16.8	16.8	-.12	.85
21	7 88	21	134.	2.1	3.2	3.0	3.1	5.8	15.6	14.6	.19	.92
21	7 88	22	66.	2.0	2.6	2.6	2.8	18.0	15.0	13.5	.40	.93
21	7 88	23	83.	1.3	2.8	2.6	25.1	25.9	14.7	13.4	.31	.91
21	7 88	24	3.	1.1	2.6	2.4	28.3	41.3	14.5	13.6	.40	.93

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
22	7	88	1	312.	2.0	3.8	3.4	10.8	19.1	13.9	13.5	.19	.94
22	7	88	2	322.	1.7	3.4	3.2	8.2	17.0	13.5	12.9	.22	.95
22	7	88	3	346.	2.0	4.2	4.0	6.9	9.8	13.4	12.6	.25	.93
22	7	88	4	298.	1.3	2.8	2.8	9.5	18.5	12.9	12.1	.25	.94
22	7	88	5	357.	2.3	4.0	3.8	7.8	22.8	12.8	12.6	.16	.95
22	7	88	6	330.	2.2	3.6	3.4	12.7	20.9	13.5	14.0	-.25	.91
22	7	88	7	10.	1.9	4.6	4.2	13.7	20.2	14.3	14.9	-.09	.89
22	7	88	8	27.	2.6	5.6	5.2	17.6	20.2	15.3	16.2	-.25	.84
22	7	88	9	58.	3.0	5.8	5.2	20.9	22.5	16.9	19.0	-.65	.77
22	7	88	10	30.	3.3	6.6	6.0	21.9	28.2	17.6	19.5	-.81	.76
22	7	88	11	35.	2.8	5.4	5.0	34.1	43.9	18.4	20.1	-.84	.74
22	7	88	12	82.	2.4	4.8	4.4	29.5	31.4	18.4	19.5	-.68	.73
22	7	88	13	139.	2.8	5.8	5.2	23.2	25.3	18.9	20.1	-.50	.70
22	7	88	14	276.	2.7	5.6	5.4	25.5	45.9	15.7	15.9	-.37	.90
22	7	88	15	14.	1.2	3.4	3.2	23.1	35.5	15.2	15.8	-.31	.95
22	7	88	16	354.	.6	1.6	1.6	24.0	29.3	16.9	17.9	-.37	.92
22	7	88	17	86.	2.8	6.2	5.8	23.0	39.8	15.2	15.5	-.25	.89
22	7	88	18	35.	1.7	3.4	3.2	26.8	33.6	14.6	14.2	.50	.90
22	7	88	19	285.	.8	2.2	2.0	21.1	54.3	14.9	15.0	.06	.93
22	7	88	20	309.	.5	1.8	1.6	45.3	77.4	14.5	14.4	.22	.94
22	7	88	21	314.	.8	2.0	1.8	8.3	18.2	14.3	13.0	.43	.95
22	7	88	22	56.	.8	2.0	1.8	14.9	38.2	14.4	11.8	.40	.95
22	7	88	23	18.	.4	1.2	1.0	19.0	32.3	14.1	11.5	.37	.94
22	7	88	24	315.	1.7	2.4	2.2	6.6	14.3	12.3	11.8	.43	.95
23	7	88	1	308.	2.0	3.0	2.8	5.3	6.6	11.9	11.7	.09	.95
23	7	88	2	316.	2.2	3.6	3.4	6.4	9.4	11.8	11.8	.00	.95
23	7	88	3	337.	2.8	4.8	4.4	6.1	10.3	11.2	11.0	.09	.94
23	7	88	4	339.	3.1	4.6	4.4	5.8	7.3	11.3	10.8	.25	.93
23	7	88	5	315.	2.5	4.4	4.2	7.7	10.2	11.6	11.6	-.12	.94
23	7	88	6	314.	1.9	3.0	3.0	9.3	11.8	11.8	12.0	-.19	.95
23	7	88	7	24.	1.4	2.8	2.6	17.9	27.2	13.0	13.6	-.19	.95
23	7	88	8	179.	.8	2.6	2.4	56.9	75.8	14.3	15.2	-.31	.93
23	7	88	9	69.	.8	2.4	2.2	71.9	114.2	16.3	17.2	-.62	.90
23	7	88	10	280.	1.3	3.0	2.8	48.6	103.5	17.4	18.4	-.78	.85
23	7	88	11	312.	1.4	3.2	3.0	20.6	23.9	18.7	19.9	-1.18	.80
23	7	88	12	129.	1.8	5.6	5.2	54.7	116.6	19.8	21.2	-.90	.72
23	7	88	13	179.	2.7	5.0	4.6	21.8	26.0	18.6	19.6	-.37	.76
23	7	88	14	149.	2.6	5.0	4.4	19.9	24.4	18.8	19.8	-.37	.70
23	7	88	15	117.	2.6	5.0	4.6	18.9	22.9	19.3	20.5	-.43	.67
23	7	88	16	127.	2.8	4.8	4.6	19.0	22.9	19.5	20.6	-.43	.65
23	7	88	17	159.	2.6	5.0	4.6	16.2	20.5	19.0	19.8	-.28	.66
23	7	88	18	132.	2.2	4.2	4.0	14.8	17.5	18.7	19.4	-.16	.66
23	7	88	19	121.	1.7	3.2	3.0	13.0	15.1	18.3	18.7	-.22	.73
23	7	88	20	127.	1.5	2.6	2.4	4.2	14.0	17.2	16.6	-.06	.82
23	7	88	21	142.	1.3	1.8	1.8	3.7	9.0	16.6	15.9	.09	.85
23	7	88	22	82.	1.8	2.6	2.4	4.0	19.1	16.0	15.2	.22	.91
23	7	88	23	103.	1.8	2.4	2.4	3.1	11.7	15.9	15.2	.25	.90
23	7	88	24	91.	2.0	3.0	2.8	5.6	7.0	15.8	15.3	.12	.89
24	7	88	1	91.	1.8	3.2	3.0	9.5	14.7	15.9	15.4	.12	.91
24	7	88	2	91.	2.2	4.8	4.6	11.5	15.4	15.9	15.6	.03	.92
24	7	88	3	104.	3.2	6.6	6.4	11.2	12.1	16.1	16.0	-.03	.95
24	7	88	4	97.	4.2	7.2	6.8	11.2	11.5	16.4	16.4	-.09	.95
24	7	88	5	118.	4.3	8.0	7.2	11.1	13.6	16.7	16.8	-.09	.95
24	7	88	6	114.	5.3	9.2	8.8	11.4	12.0	17.1	17.2	-.09	.95
24	7	88	7	111.	5.4	10.4	10.0	10.8	11.2	16.8	16.8	-.09	.95
24	7	88	8	125.	4.2	7.6	7.4	12.0	13.8	16.5	16.5	-.09	.95
24	7	88	9	105.	5.8	10.4	10.0	9.6	10.5	16.1	16.2	-.16	.95
24	7	88	10	105.	6.7	12.2	11.6	10.6	10.7	16.2	16.3	-.12	.95
24	7	88	11	118.	7.0	14.2	12.8	12.1	12.7	16.5	16.6	-.12	.95
24	7	88	12	135.	6.3	12.6	11.8	14.9	15.7	16.5	16.6	-.09	.95
24	7	88	13	143.	6.5	12.6	12.0	13.5	14.1	16.8	16.9	-.09	.95
24	7	88	14	177.	4.5	9.6	8.8	15.0	17.9	17.4	17.5	-.09	.95
24	7	88	15	176.	4.6	9.8	9.0	15.1	15.5	17.6	17.7	-.09	.95
24	7	88	16	181.	3.1	6.8	6.2	17.7	18.5	17.6	17.8	-.12	.95
24	7	88	17	159.	2.2	4.2	4.0	15.5	20.1	18.0	18.3	-.09	.95
24	7	88	18	184.	3.1	6.8	6.4	15.3	18.8	18.5	18.9	-.12	.95
24	7	88	19	172.	3.2	5.8	5.2	14.7	15.9	18.2	18.5	-.12	.95
24	7	88	20	169.	2.8	5.6	5.2	14.3	16.7	17.4	17.5	-.06	.95
24	7	88	21	184.	3.1	5.8	5.6	11.3	12.8	16.7	16.6	-.03	.95
24	7	88	22	194.	3.1	6.4	5.8	16.0	17.4	16.4	16.3	-.03	.95
24	7	88	23	200.	3.2	7.6	7.2	17.3	17.8	15.9	15.8	-.03	.95
24	7	88	24	204.	3.7	8.2	7.8	16.1	16.2	15.1	15.0	.00	.93

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	7 88	1	202.	3.7	8.2	7.0	17.7	18.5	14.4	14.3	.00	.90
25	7 88	2	209.	3.0	6.4	6.2	17.3	17.6	13.8	13.6	.03	.88
25	7 88	3	195.	2.4	5.8	5.4	23.4	24.4	13.2	13.0	.03	.89
25	7 88	4	224.	1.7	4.2	3.8	17.4	19.3	12.7	12.1	.09	.92
25	7 88	5	208.	1.4	3.0	2.6	14.7	16.6	13.0	12.6	.12	.92
25	7 88	6	179.	1.0	2.6	2.4	20.2	24.0	13.8	13.6	.00	.93
25	7 88	7	202.	2.2	7.0	6.2	20.9	21.4	15.8	16.9	-.34	.85
25	7 88	8	209.	3.1	7.2	6.8	20.3	20.9	16.6	17.2	-.40	.85
25	7 88	9	193.	3.3	7.8	7.6	21.6	22.8	17.7	18.5	-.56	.82
25	7 88	10	198.	5.2	10.0	9.6	18.0	18.9	18.5	19.5	-.75	.78
25	7 88	11	193.	4.8	10.4	9.6	22.5	23.1	18.7	19.5	-.65	.76
25	7 88	12	186.	6.6	13.0	12.0	16.2	16.5	18.8	19.8	-.71	.75
25	7 88	13	186.	7.7	14.2	13.4	15.6	15.9	18.7	19.8	-.68	.74
25	7 88	14	197.	7.6	15.4	14.4	16.1	16.7	18.6	19.6	-.65	.76
25	7 88	15	197.	8.5	15.0	14.0	14.3	14.4	17.9	18.8	-.56	.78
25	7 88	16	194.	7.5	15.0	14.4	15.1	15.4	17.5	18.2	-.47	.78
25	7 88	17	194.	6.6	13.8	13.4	16.9	17.0	16.6	17.0	-.25	.81
25	7 88	18	194.	6.7	14.0	12.8	17.3	17.3	16.2	16.4	-.22	.82
25	7 88	19	193.	7.1	15.8	14.2	16.1	16.1	15.9	16.0	-.16	.85
25	7 88	20	186.	6.5	14.4	12.8	17.8	18.2	15.6	15.6	-.09	.89
25	7 88	21	194.	7.3	15.4	14.4	17.2	17.4	15.9	15.9	-.06	.87
25	7 88	22	193.	6.3	13.0	12.4	16.4	17.1	14.6	14.5	-.09	.95
25	7 88	23	193.	6.0	11.8	10.4	16.2	16.3	14.9	14.9	-.06	.95
25	7 88	24	193.	5.4	12.0	11.0	15.5	15.6	14.9	14.9	-.06	.95
26	7 88	1	194.	5.8	11.8	10.2	15.3	15.4	15.2	15.1	-.03	.95
26	7 88	2	197.	4.9	9.4	8.8	16.1	16.3	15.1	15.0	-.03	.95
26	7 88	3	188.	3.1	6.2	5.4	15.1	15.3	14.9	14.8	.00	.95
26	7 88	4	195.	2.7	6.4	6.0	16.7	16.9	14.8	14.7	.03	.95
26	7 88	5	191.	2.1	4.0	3.8	12.9	14.1	14.7	14.5	.03	.95
26	7 88	6	187.	3.4	8.6	7.8	14.9	16.9	14.9	14.8	.00	.95
26	7 88	7	197.	5.0	10.4	9.4	16.8	17.1	15.6	16.0	-.19	.90
26	7 88	8	195.	5.2	10.2	9.8	16.5	16.6	16.3	16.9	-.37	.86
26	7 88	9	197.	4.1	8.6	8.2	18.8	19.0	17.2	17.9	-.40	.80
26	7 88	10	179.	5.7	10.4	10.2	16.1	17.1	18.4	19.4	-.62	.72
26	7 88	11	181.	6.0	13.0	12.4	17.9	18.5	17.8	18.7	-.56	.79
26	7 88	12	194.	7.5	14.2	13.0	16.3	16.8	18.1	19.1	-.62	.72
26	7 88	13	193.	8.1	15.8	15.4	16.0	16.2	18.5	19.6	-.78	.68
26	7 88	14	193.	7.7	14.2	13.2	16.7	16.7	18.3	19.5	-.75	.69
26	7 88	15	194.	7.9	15.4	13.4	16.4	16.6	18.0	19.1	-.65	.68
26	7 88	16	194.	8.4	16.4	15.6	15.3	15.5	17.6	18.6	-.62	.69
26	7 88	17	193.	8.6	15.8	14.8	14.4	14.5	17.1	18.0	-.50	.69
26	7 88	18	194.	8.3	15.0	14.0	15.0	15.1	16.6	17.3	-.40	.70
26	7 88	19	195.	6.9	13.2	12.2	16.9	17.1	15.9	16.4	-.31	.73
26	7 88	20	200.	4.9	9.6	9.0	14.9	15.1	14.8	14.8	-.12	.81
26	7 88	21	197.	4.1	8.2	7.8	15.0	15.0	13.9	13.7	.00	.87
26	7 88	22	211.	3.9	7.8	7.2	14.8	15.3	13.3	13.0	.09	.85
26	7 88	23	209.	3.9	7.2	6.6	14.0	14.3	12.8	12.6	.06	.82
26	7 88	24	204.	3.6	6.4	6.0	14.4	14.7	12.3	12.1	.09	.66
27	7 88	1	209.	3.7	7.4	7.0	13.7	13.8	12.0	11.7	.09	.71
27	7 88	2	221.	3.6	7.2	6.8	12.5	13.0	11.7	11.5	.06	.74
27	7 88	3	179.	1.9	4.8	4.4	17.4	21.8	11.4	10.9	.09	.75
27	7 88	4	211.	1.6	4.0	3.8	23.0	29.2	11.4	10.8	.09	.75
27	7 88	5	207.	2.3	5.0	4.8	11.8	15.3	11.6	11.2	.19	.78
27	7 88	6	212.	2.3	4.8	4.6	18.5	19.0	12.7	13.4	-.40	.75
27	7 88	7	221.	1.8	5.6	5.2	29.9	32.0	14.7	15.9	-.71	.64
27	7 88	8	204.	3.1	7.2	7.0	19.6	20.3	15.2	15.8	-.59	.68
27	7 88	9	218.	3.4	7.2	6.8	20.7	21.9	15.5	15.9	-.47	.73
27	7 88	10	221.	3.9	10.6	10.2	17.3	20.2	12.9	13.0	-.25	.87
27	7 88	11	172.	2.0	9.0	8.6	29.3	43.4	14.1	14.9	-.40	.83
27	7 88	12	188.	4.1	8.2	7.6	17.5	19.8	15.4	16.4	-.56	.81
27	7 88	13	209.	5.4	10.4	9.6	16.8	17.7	15.3	15.8	-.28	.75
27	7 88	14	167.	3.8	11.4	10.6	17.7	31.5	12.1	12.3	-.22	.87
27	7 88	15	219.	3.7	8.4	8.2	18.1	23.0	14.8	15.5	-.47	.82
27	7 88	16	193.	4.5	10.4	9.2	15.4	17.4	15.3	15.9	-.43	.78
27	7 88	17	179.	4.2	8.8	8.2	17.7	21.5	16.3	17.2	-.43	.73
27	7 88	18	201.	4.6	9.0	8.6	16.6	17.6	16.6	17.6	-.56	.70
27	7 88	19	202.	3.7	8.4	8.2	16.3	16.7	16.1	16.6	-.47	.77
27	7 88	20	214.	3.1	6.2	5.8	15.1	15.8	14.8	14.7	-.09	.81
27	7 88	21	208.	3.4	6.2	5.8	13.4	13.8	13.9	13.6	.03	.78
27	7 88	22	195.	2.7	4.8	4.4	12.3	13.0	13.2	12.8	.16	.78
27	7 88	23	208.	1.8	4.0	3.8	12.7	14.7	13.2	12.9	.06	.81
27	7 88	24	194.	2.4	5.8	5.6	13.0	14.4	13.0	12.4	.12	.82

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
28	7	88	1	217.	2.3	5.0	4.4	35.5	48.8	12.2	11.7	.06	.84
28	7	88	2	235.	1.3	4.2	3.8	52.1	85.9	11.6	10.8	.03	.88
28	7	88	3	217.	1.1	4.2	4.0	52.2	81.2	11.5	11.0	.03	.88
28	7	88	4	250.	2.0	5.6	5.2	25.0	26.6	11.5	11.2	.00	.85
28	7	88	5	256.	1.3	3.4	3.2	17.3	31.0	11.6	11.5	-.12	.85
28	7	88	6	209.	.8	2.2	2.0	28.6	30.3	13.2	14.2	-.53	.76
28	7	88	7	252.	1.1	4.4	4.0	30.9	36.4	14.1	15.2	-.47	.73
28	7	88	8	288.	1.4	3.2	3.0	28.4	34.9	15.4	16.4	-.87	.70
28	7	88	9	290.	1.4	3.8	3.6	24.2	26.7	16.2	17.3	-.87	.65
28	7	88	10	231.	1.9	4.2	4.0	41.1	46.1	17.1	17.8	-1.09	.61
28	7	88	11	173.	2.7	6.2	6.0	25.1	36.1	17.3	18.2	-.90	.60
28	7	88	12	195.	4.5	10.4	9.6	20.0	22.1	16.6	17.3	-.43	.65
28	7	88	13	214.	3.4	7.2	7.0	22.7	29.0	17.1	17.8	-.50	.65
28	7	88	14	194.	4.3	9.0	8.2	19.2	21.4	17.6	18.5	-.75	.55
28	7	88	15	202.	4.4	8.6	8.0	17.2	19.4	17.9	18.7	-.65	.63
28	7	88	16	186.	4.5	9.0	8.4	18.5	20.8	18.4	19.4	-.75	.59
28	7	88	17	224.	3.3	8.0	7.6	26.5	29.6	19.0	19.9	-.84	.56
28	7	88	18	229.	3.5	7.8	7.4	19.7	20.2	18.6	19.3	-.78	.57
28	7	88	19	218.	3.6	7.6	7.2	18.8	19.3	18.0	18.5	-.59	.58
28	7	88	20	205.	3.1	6.4	6.2	13.8	14.4	16.6	16.3	-.28	.65
28	7	88	21	212.	3.2	5.8	5.4	15.4	15.8	14.8	14.4	.00	.71
28	7	88	22	200.	2.3	5.6	5.2	20.9	22.0	13.5	13.2	.09	.77
28	7	88	23	284.	1.1	4.4	4.2	66.5	71.5	12.8	11.6	.22	.85
28	7	88	24	218.	1.0	4.4	4.2	43.7	51.8	12.7	11.7	.16	.84
29	7	88	1	150.	.9	3.8	3.4	35.9	49.6	12.3	11.1	.19	.88
29	7	88	2	148.	1.5	3.0	2.8	13.1	20.6	12.0	10.6	.19	.89
29	7	88	3	155.	1.3	3.0	2.8	12.3	16.8	11.6	10.8	.22	.91
29	7	88	4	66.	.9	1.6	1.4	12.1	40.6	12.0	10.6	.37	.93
29	7	88	5	66.	.5	1.8	1.6	18.0	29.1	11.9	11.2	.22	.92
29	7	88	6	107.	1.7	3.6	3.4	7.0	13.8	11.8	11.5	.12	.92
29	7	88	7	98.	2.4	4.6	4.2	7.6	10.7	12.5	12.4	.06	.90
29	7	88	8	98.	2.8	6.2	5.6	21.2	25.1	12.9	13.0	-.09	.93
29	7	88	9	89.	3.4	7.4	7.2	10.9	12.3	12.8	13.0	-.12	.95
29	7	88	10	100.	5.3	10.4	9.8	12.2	15.3	12.5	12.5	-.16	.95
29	7	88	11	121.	4.9	10.2	9.0	11.8	15.1	12.8	12.8	-.12	.95
29	7	88	12	118.	7.5	14.0	13.2	12.5	13.0	13.3	13.3	-.12	.92
29	7	88	13	115.	8.1	15.2	14.2	16.9	18.0	13.0	13.0	-.16	.94
29	7	88	14	156.	7.3	15.4	14.4	14.9	20.9	13.3	13.3	-.16	.95
29	7	88	15	180.	5.1	13.4	11.2	17.7	20.5	14.8	15.3	-.19	.90
29	7	88	16	179.	5.6	11.4	11.2	17.7	18.0	15.5	16.1	-.22	.82
29	7	88	17	180.	5.2	11.4	10.8	16.8	17.5	14.3	14.7	-.25	.87
29	7	88	18	190.	4.2	9.2	8.4	16.8	17.2	13.9	14.2	-.25	.86
29	7	88	19	181.	4.3	10.4	9.2	16.2	17.0	12.7	12.7	-.06	.89
29	7	88	20	173.	3.7	8.8	8.4	17.0	18.4	12.5	12.5	-.06	.89
29	7	88	21	190.	4.8	12.8	11.6	17.0	18.0	11.8	11.7	-.09	.93
29	7	88	22	188.	5.5	13.0	12.0	17.0	17.7	11.7	11.7	-.06	.93
29	7	88	23	181.	4.7	9.6	9.2	16.8	17.4	11.9	11.8	.00	.91
29	7	88	24	176.	4.5	9.4	8.8	17.1	18.2	11.6	11.5	-.03	.91
30	7	88	1	184.	3.7	8.4	8.0	17.0	17.8	11.9	11.8	-.06	.93
30	7	88	2	194.	4.4	10.0	9.4	16.9	17.3	12.0	11.9	-.03	.92
30	7	88	3	194.	4.3	8.4	7.8	16.1	16.2	11.8	11.7	-.03	.91
30	7	88	4	195.	4.1	10.0	9.6	18.0	18.3	11.6	11.5	-.03	.88
30	7	88	5	195.	3.9	8.4	7.8	18.0	18.2	11.4	11.4	-.03	.87
30	7	88	6	208.	3.1	7.4	6.6	19.9	20.5	11.5	11.6	-.09	.88
30	7	88	7	215.	3.1	7.0	6.4	27.4	27.8	12.1	12.3	-.25	.88
30	7	88	8	226.	3.6	7.0	6.6	16.5	17.7	13.1	13.6	-.40	.85
30	7	88	9	207.	4.3	8.8	8.4	24.3	24.7	14.8	15.4	-.59	.81
30	7	88	10	236.	5.0	11.2	10.0	19.0	21.1	16.0	16.7	-.81	.77
30	7	88	11	236.	6.0	13.0	12.4	20.2	20.6	15.7	16.2	-.56	.73
30	7	88	12	236.	5.8	13.0	12.6	23.4	23.7	16.4	16.9	-.59	.71
30	7	88	13	249.	5.6	13.2	11.6	22.0	22.7	16.7	17.1	-.47	.68
30	7	88	14	215.	5.6	11.6	10.8	18.5	19.9	16.2	16.4	-.37	.70
30	7	88	15	222.	5.2	11.4	10.6	20.7	21.7	17.3	17.9	-.68	.72
30	7	88	16	236.	6.4	12.6	12.2	17.5	18.2	17.1	17.6	-.56	.74
30	7	88	17	232.	6.7	15.8	14.6	19.6	20.0	16.9	17.1	-.34	.71
30	7	88	18	235.	5.3	12.8	12.2	18.7	18.9	15.3	15.4	-.16	.80
30	7	88	19	221.	6.0	13.0	11.4	16.9	17.7	15.0	15.1	-.16	.76
30	7	88	20	224.	5.5	11.0	10.4	16.9	17.3	13.9	14.0	-.12	.78
30	7	88	21	207.	5.2	11.0	10.0	17.5	18.0	13.3	13.3	-.09	.79
30	7	88	22	204.	4.5	9.4	8.8	18.2	18.7	12.5	12.3	-.06	.82
30	7	88	23	202.	3.9	9.4	8.2	20.1	20.1	11.9	11.7	.00	.84
30	7	88	24	202.	4.1	8.6	7.8	17.7	18.1	11.6	11.4	.03	.85

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
31	7	88	1	212.	4.3	9.4	8.8	18.5	18.6	11.3	11.2	-.03	.84
31	7	88	2	208.	4.3	9.2	8.2	16.9	17.1	11.0	10.8	.03	.83
31	7	88	3	208.	3.8	9.0	8.6	17.1	17.4	10.6	10.5	.00	.83
31	7	88	4	190.	2.1	5.0	4.6	35.7	40.0	9.9	9.4	.06	.87
31	7	88	5	211.	2.8	6.0	5.8	18.2	21.1	9.8	9.5	.03	.87
31	7	88	6	204.	2.7	6.8	6.6	21.5	22.5	11.1	11.6	-.16	.80
31	7	88	7	221.	2.6	7.0	6.4	27.8	28.1	12.8	13.8	-.50	.74
31	7	88	8	228.	2.8	7.2	6.8	30.8	31.0	14.6	15.6	-.78	.69
31	7	88	9	225.	3.5	7.8	7.2	24.1	26.8	15.5	16.3	-.93	.67
31	7	88	10	218.	3.5	7.2	7.0	23.9	24.7	16.6	17.4	-1.06	.65
31	7	88	11	208.	3.4	7.4	7.0	24.5	25.2	17.4	18.2	-.90	.61
31	7	88	12	236.	3.5	7.6	7.0	20.6	22.0	16.9	17.2	-.53	.62
31	7	88	13	280.	2.6	6.8	6.6	36.4	40.7	15.7	15.8	-.28	.70
31	7	88	14	264.	3.1	6.8	6.4	20.2	21.8	16.8	17.2	-.53	.65
31	7	88	15	280.	4.0	9.0	8.4	17.6	20.2	16.5	16.7	-.43	.64
31	7	88	16	252.	3.1	8.2	7.8	22.9	24.0	15.8	16.0	-.37	.67
31	7	88	17	229.	2.2	5.4	4.8	20.3	20.9	15.9	16.1	-.37	.72
31	7	88	18	224.	1.8	4.6	4.4	29.3	29.6	17.0	17.6	-.59	.73
31	7	88	19	232.	2.4	6.4	5.8	24.9	25.3	16.9	17.1	-.37	.71
31	7	88	20	270.	2.3	6.0	5.8	24.8	28.3	16.0	15.8	-.06	.72
31	7	88	21	274.	4.1	7.8	7.4	16.5	16.6	15.4	15.2	.03	.70
31	7	88	22	295.	3.6	7.0	6.6	15.8	17.3	14.5	14.2	.06	.71
31	7	88	23	297.	3.2	7.6	7.2	14.3	16.1	13.8	13.5	.03	.74
31	7	88	24	294.	3.3	6.6	6.0	12.4	12.7	13.4	13.2	.06	.75
MANGLER (ANT)				1	1	3	3	1	1	1	1	1	1
MANGLER (%)				.1	.1	.4	.4	.1	.1	.1	.1	.1	.1

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
1	8	88	1	280.	2.7	5.8	5.2	15.8	16.5	13.1	12.9	.03	.76
1	8	88	2	301.	2.9	6.4	6.2	10.4	13.6	12.9	12.5	.16	.76
1	8	88	3	273.	2.2	5.4	4.8	12.8	16.3	12.3	11.6	.19	.78
1	8	88	4	285.	2.5	4.6	4.4	13.4	16.9	11.7	11.2	.12	.77
1	8	88	5	287.	3.1	5.4	5.0	13.5	14.1	11.6	11.4	.00	.78
1	8	88	6	297.	1.9	4.2	4.0	18.7	19.0	12.5	13.1	-.37	.74
1	8	88	7	304.	2.2	4.6	4.4	18.3	18.5	13.7	14.7	-.53	.71
1	8	88	8	307.	3.0	5.0	4.6	9.8	10.2	14.7	15.7	-.56	.69
1	8	88	9	308.	3.1	6.4	6.2	13.3	13.6	15.9	16.9	-.75	.65
1	8	88	10	304.	3.5	6.8	6.4	11.1	12.2	16.8	17.8	-.78	.60
1	8	88	11	263.	1.9	3.8	3.6	22.9	27.0	18.4	19.4	-1.12	.58
1	8	88	12	270.	1.7	3.8	3.6	40.1	42.9	19.3	20.3	-1.15	.56
1	8	88	13	159.	3.3	7.6	7.0	40.7	48.4	19.1	20.5	-.78	.57
1	8	88	14	150.	3.6	7.2	6.6	16.6	20.3	17.6	18.3	-.28	.63
1	8	88	15	176.	2.9	9.8	9.2	18.1	24.0	16.3	16.3	-.03	.72
1	8	88	16	25.	2.0	6.0	5.6	60.4	143.2	15.9	15.8	.16	.74
1	8	88	17	205.	1.5	4.0	3.8	40.7	78.9	17.6	17.9	-.19	.77
1	8	88	18	108.	1.7	5.2	4.8	19.8	44.1	18.9	19.4	-.62	.64
1	8	88	19	105.	1.8	2.8	2.8	6.3	12.3	17.0	15.7	.09	.83
1	8	88	20	90.	2.6	3.2	3.0	2.8	4.4	16.0	15.2	.03	.89
1	8	88	21	96.	2.7	3.6	3.4	2.4	4.9	15.5	14.2	.25	.93
1	8	88	22	357.	2.0	3.2	3.0	13.7	29.7	14.7	13.2	.37	.93
1	8	88	23	346.	2.3	4.8	4.4	5.3	11.5	13.9	12.3	.47	.93
1	8	88	24	347.	2.5	4.8	4.8	3.7	7.0	13.2	11.5	.31	.90
2	8	88	1	344.	3.4	5.0	4.8	5.3	7.4	12.6	11.6	.22	.88
2	8	88	2	346.	3.2	4.8	4.4	6.0	6.3	12.3	11.4	.12	.83
2	8	88	3	349.	2.7	4.0	3.8	4.2	5.4	11.9	10.2	.25	.85
2	8	88	4	319.	2.5	3.6	3.4	4.2	9.7	11.5	10.3	.19	.83
2	8	88	5	323.	2.4	4.0	3.8	7.3	8.4	11.0	10.4	.31	.88
2	8	88	6	328.	1.9	4.0	3.6	15.4	18.1	11.2	11.1	.16	.88
2	8	88	7	8.	2.0	5.2	5.0	11.8	16.3	12.2	12.4	.03	.84
2	8	88	8	11.	2.6	7.0	6.6	17.5	18.3	13.8	14.9	-.16	.79
2	8	88	9	337.	3.2	6.8	6.6	19.3	22.8	14.6	15.7	-.31	.76
2	8	88	10	344.	3.5	7.8	7.6	13.1	14.3	13.9	14.6	-.25	.77
2	8	88	11	359.	4.1	8.0	7.6	14.9	21.6	14.4	15.7	-.65	.78
2	8	88	12	343.	2.5	5.8	5.4	34.2	39.7	15.0	16.6	-.59	.76
2	8	88	13	24.	2.0	5.0	4.8	35.5	42.6	14.4	15.2	-.56	.84
2	8	88	14	44.	2.7	7.6	7.2	19.4	31.8	13.1	13.5	-.25	.90
2	8	88	15	0.	1.3	5.6	5.0	45.4	66.4	17.0	19.0	-.78	.75
2	8	88	16	350.	1.5	4.4	4.2	76.3	96.1	17.7	19.3	-.75	.69
2	8	88	17	183.	2.3	4.4	4.2	33.9	63.6	15.5	16.1	-.43	.78
2	8	88	18	122.	2.1	6.2	5.6	26.6	36.0	15.6	16.5	-.34	.80
2	8	88	19	173.	2.4	5.0	4.8	12.2	19.6	14.8	15.5	-.22	.82
2	8	88	20	193.	1.6	3.0	2.8	10.0	15.1	13.6	13.5	-.12	.87
2	8	88	21	212.	1.3	2.0	1.8	6.1	11.9	12.4	11.6	.16	.93
2	8	88	22	316.	1.5	2.2	2.2	4.7	22.9	12.1	10.8	.43	.93
2	8	88	23	299.	1.6	2.2	2.0	4.4	14.3	11.4	10.5	.22	.94
2	8	88	24	333.	2.0	5.4	5.0	4.7	12.6	10.6	9.9	.40	.93
3	8	88	1	329.	3.1	4.6	4.4	4.9	8.7	10.3	9.6	.19	.90
3	8	88	2	319.	2.9	4.0	3.8	4.0	7.2	10.0	9.6	.12	.90
3	8	88	3	329.	2.8	3.8	3.6	4.9	8.2	9.5	9.1	.09	.91
3	8	88	4	321.	2.4	3.4	3.2	5.3	6.7	9.3	8.9	.06	.91
3	8	88	5	323.	2.1	3.0	2.8	5.4	6.4	9.2	8.9	.09	.91
3	8	88	6	322.	1.9	3.0	2.8	8.0	11.6	9.7	9.9	-.19	.92
3	8	88	7	311.	1.5	3.2	3.0	12.3	18.0	10.8	11.5	-.22	.89
3	8	88	8	337.	1.2	2.6	2.6	12.0	15.1	11.8	12.3	-.37	.87
3	8	88	9	304.	1.3	3.2	3.0	18.1	34.0	13.5	14.5	-.47	.83
3	8	88	10	285.	1.8	4.2	4.0	13.5	15.8	14.9	15.6	-.81	.77
3	8	88	11	302.	2.4	4.6	4.2	14.5	18.1	15.9	16.9	-.93	.70
3	8	88	12	294.	2.3	4.6	4.2	18.3	19.7	16.9	18.0	-1.02	.64
3	8	88	13	138.	2.6	6.4	6.0	46.2	115.2	15.7	16.3	-.50	.71
3	8	88	14	166.	3.4	6.4	6.0	17.3	19.5	14.8	15.8	-.34	.78
3	8	88	15	201.	3.3	6.2	5.8	18.9	24.9	14.7	15.6	-.75	.82
3	8	88	16	129.	1.3	5.2	4.6	68.8	75.7	16.4	17.6	-.81	.69
3	8	88	17	166.	2.2	4.8	4.6	20.9	23.3	16.6	17.9	-.37	.70
3	8	88	18	177.	1.6	3.6	3.6	21.5	25.0	16.6	17.6	-.34	.73
3	8	88	19	169.	1.4	2.8	2.4	17.4	22.0	15.9	16.3	-.53	.79
3	8	88	20	195.	1.3	2.6	2.4	12.3	15.6	14.2	13.0	.03	.91
3	8	88	21	285.	.9	2.6	2.4	36.1	49.1	13.4	11.3	.31	.90
3	8	88	22	191.	.7	2.6	2.6	10.6	40.5	12.8	10.6	.31	.91
3	8	88	23	212.	1.3	2.8	2.6	7.8	17.6	12.2	10.7	.47	.90
3	8	88	24	299.	1.4	2.4	2.2	6.4	23.0	11.5	10.4	.31	.91

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
4	8	88	1	301.	2.4	3.2	3.0	2.4	4.9	10.5	10.2	.22	.93
4	8	88	2	321.	2.7	3.8	3.6	5.1	7.8	10.2	9.4	.28	.90
4	8	88	3	287.	1.7	3.0	2.8	32.9	46.4	9.6	8.5	.43	.89
4	8	88	4	263.	1.0	2.6	2.4	30.0	44.7	9.1	8.2	.40	.90
4	8	88	5	42.	1.1	3.0	2.8	39.0	53.4	9.1	8.8	.06	.91
4	8	88	6	288.	1.0	2.6	2.4	32.3	41.1	9.6	9.8	-.25	.92
4	8	88	7	284.	.6	1.6	1.6	53.0	81.9	10.8	11.3	-.28	.90
4	8	88	8	308.	.5	1.4	1.4	25.8	30.8	11.2	11.6	-.34	.87
4	8	88	9	198.	.5	2.4	2.2	58.3	68.5	12.7	13.2	-.37	.85
4	8	88	10	124.	1.4	2.8	2.6	30.8	46.7	14.1	14.9	-.43	.83
4	8	88	11	114.	1.1	2.0	1.8	12.6	13.4	13.8	14.4	-.31	.87
4	8	88	12	173.	.8	2.0	1.8	23.2	32.5	14.8	15.5	-.28	.85
4	8	88	13	122.	1.4	5.2	5.0	44.3	51.7	16.2	17.3	-.40	.76
4	8	88	14	125.	2.9	6.0	5.4	12.4	18.1	14.5	14.9	-.31	.88
4	8	88	15	148.	2.7	4.8	4.4	14.6	15.9	14.5	14.8	-.19	.90
4	8	88	16	157.	2.9	4.6	4.4	10.6	13.3	13.5	13.6	-.09	.95
4	8	88	17	249.	1.6	4.4	4.2	24.2	38.0	13.0	13.0	-.16	.94
4	8	88	18	257.	1.3	2.4	2.4	11.8	18.7	12.6	12.6	-.12	.94
4	8	88	19	321.	1.2	2.2	2.2	14.3	20.3	13.5	13.7	-.59	.91
4	8	88	20	271.	1.1	2.4	2.2	5.4	15.5	13.0	12.7	-.06	.95
4	8	88	21	292.	2.2	3.6	3.6	5.4	16.6	12.7	11.9	.19	.95
4	8	88	22	298.	2.7	4.0	3.8	4.4	7.2	12.4	12.1	.25	.95
4	8	88	23	301.	3.2	5.4	5.0	9.4	10.0	12.0	11.7	.06	.92
4	8	88	24	299.	3.3	5.4	5.2	6.9	8.0	11.7	11.5	.09	.91
5	8	88	1	301.	3.5	5.2	5.0	10.8	12.3	11.5	11.3	.06	.89
5	8	88	2	299.	3.6	5.6	5.4	6.9	7.3	11.2	10.9	.12	.89
5	8	88	3	307.	4.1	5.6	5.2	4.4	5.8	11.0	10.8	.19	.86
5	8	88	4	287.	3.0	4.4	4.2	6.7	8.2	11.1	10.9	.16	.83
5	8	88	5	321.	3.3	7.2	6.8	7.4	15.7	11.6	11.3	.19	.81
5	8	88	6	301.	3.1	5.4	5.2	8.3	13.8	12.2	12.4	-.09	.79
5	8	88	7	312.	2.7	4.2	4.0	8.6	12.5	13.3	14.2	-.34	.78
5	8	88	8	311.	3.2	5.4	5.0	8.9	9.8	15.0	15.9	-.43	.73
5	8	88	9	308.	3.7	6.0	5.8	9.0	9.1	16.5	17.4	-.56	.70
5	8	88	10	299.	2.8	5.0	4.8	13.6	14.2	18.1	19.1	-.81	.66
5	8	88	11	290.	2.5	4.6	4.2	15.2	17.5	19.5	20.2	-.96	.63
5	8	88	12	276.	2.5	4.6	4.6	18.3	21.4	20.8	21.7	-.99	.59
5	8	88	13	3.	1.7	4.6	4.2	43.8	58.1	20.5	21.2	-.65	.60
5	8	88	14	316.	2.2	6.0	5.8	41.3	50.1	22.2	23.5	-.93	.51
5	8	88	15	122.	2.1	5.0	4.6	53.1	84.5	21.6	23.0	-.62	.59
5	8	88	16	208.	1.6	5.0	4.8	55.6	62.8	22.3	23.7	-.59	.59
5	8	88	17	107.	1.9	5.0	4.8	56.3	83.6	22.9	23.8	-.75	.56
5	8	88	18	277.	1.4	4.6	4.2	50.0	131.4	23.1	24.3	-.75	.53
5	8	88	19	214.	1.3	4.2	3.6	33.1	46.8	22.5	23.3	-.78	.56
5	8	88	20	267.	1.3	3.0	2.6	16.9	21.3	21.3	19.7	-.40	.65
5	8	88	21	298.	2.0	4.4	4.2	17.2	18.3	18.7	17.5	.16	.66
5	8	88	22	298.	3.3	5.4	5.2	8.3	9.3	17.4	16.7	.31	.65
5	8	88	23	301.	3.2	4.6	4.4	6.4	6.9	16.7	15.9	.31	.66
5	8	88	24	307.	3.9	5.2	5.0	4.9	5.8	15.5	14.9	.50	.70
6	8	88	1	311.	4.4	6.8	6.4	3.4	4.4	14.4	13.8	.68	.78
6	8	88	2	309.	4.1	5.4	5.2	4.0	4.7	13.6	13.0	.53	.84
6	8	88	3	316.	3.8	5.4	5.0	4.0	5.4	13.3	12.7	.31	.84
6	8	88	4	319.	3.9	6.4	5.8	6.9	7.4	13.1	12.5	.16	.80
6	8	88	5	323.	3.4	4.8	4.6	6.3	7.6	12.5	12.1	.09	.81
6	8	88	6	322.	2.9	4.4	4.0	7.4	9.2	12.9	13.0	-.03	.79
6	8	88	7	328.	2.4	3.8	3.6	9.5	10.0	13.7	14.5	-.22	.77
6	8	88	8	308.	2.2	4.0	3.6	9.4	11.6	15.2	16.2	-.34	.74
6	8	88	9	311.	1.9	3.2	3.0	11.4	12.0	17.2	18.3	-.71	.69
6	8	88	10	276.	1.2	2.6	2.4	29.1	32.1	19.8	20.8	-.99	.61
6	8	88	11	183.	1.2	3.2	3.0	58.2	66.6	21.6	22.5	-1.34	.57
6	8	88	12	120.	3.2	5.2	5.0	22.9	26.1	20.6	21.9	-.75	.57
6	8	88	13	153.	3.7	6.6	6.2	17.3	21.6	20.6	21.8	-.56	.57
6	8	88	14	167.	4.0	7.0	6.8	19.2	20.0	20.9	22.1	-.56	.57
6	8	88	15	150.	3.8	7.6	7.0	18.9	20.7	20.8	22.1	-.50	.58
6	8	88	16	125.	3.8	6.8	6.4	14.5	20.3	19.9	21.0	-.40	.73
6	8	88	17	129.	3.1	5.0	4.8	12.3	13.5	18.7	19.2	-.28	.81
6	8	88	18	127.	2.7	5.0	4.6	12.6	13.8	18.3	18.8	-.25	.84
6	8	88	19	125.	2.3	4.2	3.8	12.3	13.8	18.0	18.4	-.19	.85
6	8	88	20	114.	2.2	4.0	3.6	9.3	10.0	16.7	16.7	-.19	.94
6	8	88	21	139.	1.3	2.6	2.4	10.6	15.2	16.0	15.5	.00	.95
6	8	88	22	104.	.8	1.8	1.6	4.9	17.6	15.9	14.8	.00	.95
6	8	88	23	302.	1.2	3.2	3.0	47.8	73.8	15.7	15.1	-.03	.95
6	8	88	24	340.	2.0	3.4	3.2	7.8	11.7	15.4	15.1	.09	.95

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
7	8	88	1	302.	3.6	5.4	5.2	6.7	12.5	15.5	15.2	.12	.88
7	8	88	2	343.	3.5	6.8	5.8	9.0	18.7	16.0	15.6	.43	.89
7	8	88	3	329.	3.2	6.0	5.4	10.7	13.3	17.0	16.6	.12	.85
7	8	88	4	307.	2.3	4.4	4.0	11.2	15.9	16.3	16.0	.22	.89
7	8	88	5	315.	2.9	4.8	4.4	6.4	9.1	16.5	16.2	.16	.85
7	8	88	6	307.	2.5	4.2	3.8	6.6	10.9	16.6	16.5	.06	.85
7	8	88	7	328.	1.6	3.4	3.2	12.5	17.7	17.0	17.4	-.19	.84
7	8	88	8	322.	1.3	2.4	2.2	12.1	13.5	18.0	18.5	-.34	.82
7	8	88	9	24.	1.7	4.8	4.2	22.9	34.4	19.1	19.9	-.34	.78
7	8	88	10	41.	2.6	5.2	5.0	28.1	30.2	20.6	22.1	-.68	.65
7	8	88	11	357.	3.1	6.4	6.2	22.8	27.8	21.2	23.0	-.75	.64
7	8	88	12	353.	2.6	5.6	5.0	15.5	16.9	21.4	22.8	-.37	.63
7	8	88	13	14.	2.2	4.6	4.4	32.0	36.2	22.7	24.5	-.65	.56
7	8	88	14	96.	1.8	4.8	4.4	34.7	39.6	23.4	25.0	-.81	.51
7	8	88	15	350.	1.7	4.2	4.0	41.3	49.0	24.0	25.5	-.59	.54
7	8	88	16	91.	1.9	4.6	4.4	29.9	49.4	23.8	25.1	-.53	.55
7	8	88	17	118.	1.9	3.6	3.4	15.5	23.7	22.7	23.2	-.43	.59
7	8	88	18	120.	1.5	2.6	2.4	6.7	8.6	21.4	21.5	-.19	.74
7	8	88	19	194.	1.1	2.0	1.6	6.9	27.9	20.3	20.1	.09	.83
7	8	88	20	307.	1.3	2.2	2.0	4.9	33.4	20.1	19.3	.34	.83
7	8	88	21	316.	2.5	3.2	3.0	2.4	4.9	19.5	19.1	.37	.84
7	8	88	22	335.	2.7	4.0	3.8	5.8	8.1	19.4	18.6	.31	.86
7	8	88	23	337.	2.7	4.0	3.6	5.3	6.0	18.9	18.2	.22	.85
7	8	88	24	315.	2.3	3.6	3.4	6.3	11.8	18.5	17.9	.28	.86
8	8	88	1	316.	2.4	4.0	3.8	7.8	10.3	17.5	17.1	.81	.92
8	8	88	2	305.	2.7	3.8	3.6	5.1	6.9	16.9	16.7	.71	.95
8	8	88	3	315.	2.4	3.4	3.2	4.0	6.6	16.9	16.6	.37	.94
8	8	88	4	349.	1.9	4.2	3.8	8.3	14.1	17.2	16.6	.31	.91
8	8	88	5	28.	2.6	5.6	5.2	12.2	16.0	17.6	17.0	.19	.86
8	8	88	6	39.	3.4	6.2	5.6	14.7	15.4	17.7	17.6	.00	.81
8	8	88	7	34.	2.7	5.4	5.0	17.4	18.5	18.1	18.8	-.22	.77
8	8	88	8	41.	2.5	5.4	5.0	18.4	19.4	18.4	19.3	-.34	.76
8	8	88	9	67.	2.4	5.0	4.6	25.1	28.9	19.4	20.7	-.50	.70
8	8	88	10	90.	1.7	3.8	3.6	34.7	38.1	21.0	22.4	-.93	.62
8	8	88	11	148.	1.6	4.4	4.0	29.2	35.9	22.0	23.2	-1.06	.59
8	8	88	12	157.	1.5	4.4	4.2	53.3	54.8	22.6	23.8	-.71	.61
8	8	88	13	208.	1.6	3.6	3.4	46.4	56.2	23.1	24.1	-.99	.62
8	8	88	14	155.	2.0	5.2	5.0	39.0	59.7	23.3	24.4	-.84	.63
8	8	88	15	160.	3.0	5.4	5.2	20.2	20.9	22.4	23.7	-.43	.65
8	8	88	16	181.	3.2	5.6	4.8	17.2	22.8	22.0	23.1	-.37	.65
8	8	88	17	139.	2.7	5.2	4.8	17.0	22.8	21.8	22.8	-.34	.65
8	8	88	18	145.	2.7	4.6	4.4	14.7	16.2	21.2	22.2	-.19	.66
8	8	88	19	169.	1.7	3.2	3.0	13.3	16.4	20.7	21.4	-.09	.71
8	8	88	20	188.	1.2	2.0	1.8	7.6	15.8	20.2	18.5	-.06	.83
8	8	88	21	173.	1.1	2.0	1.8	14.5	31.4	18.4	16.1	.47	.88
8	8	88	22	132.	.3	1.2	1.0	17.1	23.8	17.9	15.7	.56	.89
8	8	88	23	266.	.4	1.4	1.2	47.4	78.9	17.6	15.7	.65	.90
8	8	88	24	339.	1.1	2.8	2.6	6.6	15.8	16.2	15.0	.93	.95
9	8	88	1	328.	2.4	3.6	3.4	4.7	9.1	14.8	14.1	.68	.95
9	8	88	2	328.	2.7	4.4	4.2	6.3	8.7	14.5	13.6	.34	.94
9	8	88	3	314.	2.8	3.6	3.4	4.9	7.8	13.8	13.3	.53	.95
9	8	88	4	314.	2.6	3.6	3.4	5.1	7.2	13.1	12.7	.34	.95
9	8	88	5	326.	2.5	3.6	3.4	5.3	11.3	13.0	12.7	.22	.95
9	8	88	6	343.	1.3	3.0	2.8	11.2	14.3	14.4	14.3	.12	.90
9	8	88	7	316.	1.4	3.0	2.6	12.1	18.4	15.4	16.3	-.16	.90
9	8	88	8	308.	1.1	2.0	2.0	9.0	13.3	16.4	17.0	-.34	.89
9	8	88	9	41.	.9	2.2	2.0	38.6	51.8	18.3	19.2	-.40	.83
9	8	88	10	235.	.7	1.8	1.6	53.8	86.1	20.8	21.2	-1.06	.80
9	8	88	11	120.	1.1	3.4	3.0	37.4	49.1	22.3	23.6	-.81	.75
9	8	88	12	128.	2.5	4.8	4.8	13.2	14.7	22.0	23.2	-.75	.77
9	8	88	13	125.	3.1	5.0	4.8	12.3	13.2	22.1	23.4	-.65	.77
9	8	88	14	128.	3.5	6.2	5.8	13.0	13.8	22.7	23.8	-.59	.77
9	8	88	15	124.	3.6	6.4	6.0	12.1	12.7	22.4	23.4	-.53	.76
9	8	88	16	172.	2.9	6.2	5.6	17.1	23.5	22.7	23.7	-.28	.72
9	8	88	17	150.	3.2	6.2	5.6	15.7	18.4	22.4	23.2	-.22	.66
9	8	88	18	120.	2.3	4.2	4.0	11.3	14.2	21.8	22.4	-.34	.76
9	8	88	19	142.	2.0	3.6	3.2	8.7	11.2	21.0	21.3	-.31	.82
9	8	88	20	124.	2.4	3.2	3.0	6.0	7.0	19.4	18.8	.16	.93
9	8	88	21	104.	2.5	3.8	3.6	5.3	11.0	17.9	17.2	.34	.95
9	8	88	22	120.	2.8	4.6	4.4	4.2	8.6	17.5	16.7	.37	.95
9	8	88	23	128.	2.3	3.2	3.0	3.1	12.9	17.2	16.3	.50	.95
9	8	88	24	129.	2.7	4.2	4.0	5.6	10.1	16.7	16.0	.25	.95

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	8 88	1	124.	2.6	3.4	3.2	4.2	5.6	16.4	16.0	.22	.95
10	8 88	2	142.	1.6	2.6	2.4	6.4	16.5	16.2	15.6	.19	.95
10	8 88	3	115.	1.1	1.8	1.8	11.2	18.1	15.8	14.8	.37	.95
10	8 88	4	112.	.6	1.6	1.6	43.0	58.2	15.1	14.2	.47	.95
10	8 88	5	6.	.1	1.0	1.0	71.8	120.9	14.8	14.1	.34	.95
10	8 88	6	329.	.9	2.4	2.2	30.9	39.8	14.7	14.4	.28	.95
10	8 88	7	333.	1.1	2.0	2.0	11.1	20.7	14.8	15.0	-.09	.95
10	8 88	8	190.	.3	1.2	1.0	55.7	89.4	16.8	17.5	-.22	.95
10	8 88	9	299.	.5	2.0	1.8	46.1	60.7	20.0	20.5	-.65	.82
10	8 88	10	184.	.7	2.4	2.2	57.7	98.9	21.4	22.7	-.78	.78
10	8 88	11	134.	2.6	6.0	5.2	26.6	30.4	21.8	23.0	-.62	.80
10	8 88	12	129.	4.0	6.6	6.4	13.3	16.3	21.6	22.7	-.53	.78
10	8 88	13	143.	3.7	6.4	6.0	14.2	15.7	21.8	23.1	-.59	.78
10	8 88	14	139.	3.5	5.8	5.6	15.3	18.1	21.9	23.1	-.53	.73
10	8 88	15	127.	4.5	7.4	6.8	13.6	14.9	20.9	21.9	-.56	.78
10	8 88	16	120.	4.1	6.6	6.4	10.8	12.3	20.2	21.2	-.56	.87
10	8 88	17	145.	3.5	6.2	5.6	15.1	17.6	20.2	21.1	-.34	.89
10	8 88	18	131.	3.0	5.0	4.8	14.0	16.3	19.6	20.1	-.31	.90
10	8 88	19	143.	2.8	4.4	4.2	10.5	12.7	18.5	18.8	-.19	.94
10	8 88	20	152.	2.9	5.2	5.0	8.9	9.5	17.3	17.1	-.03	.95
10	8 88	21	139.	2.5	4.2	4.0	8.8	10.5	16.5	16.1	.09	.95
10	8 88	22	145.	2.4	3.8	3.6	7.8	9.6	16.1	15.7	.19	.95
10	8 88	23	155.	2.5	3.6	3.4	7.6	8.2	16.1	15.4	.31	.94
10	8 88	24	128.	2.2	3.6	3.6	4.9	12.6	16.0	15.3	.34	.95
11	8 88	1	125.	1.7	2.6	2.6	8.1	10.1	15.7	14.9	.28	.95
11	8 88	2	173.	1.4	3.0	2.8	9.6	16.9	15.6	14.9	.12	.95
11	8 88	3	163.	1.6	2.8	2.8	8.9	13.1	15.6	15.2	.03	.95
11	8 88	4	124.	1.2	3.0	2.8	12.2	16.3	15.6	15.2	.00	.95
11	8 88	5	100.	1.0	1.8	1.8	15.9	20.6	15.4	14.9	.19	.95
11	8 88	6	308.	.4	1.4	1.2	41.3	107.3	15.5	15.3	.09	.95
11	8 88	7	297.	1.2	2.6	2.4	34.7	55.8	14.8	14.9	-.09	.95
11	8 88	8	250.	.1	1.2	1.0	61.8	89.5	15.5	15.7	-.06	.95
11	8 88	9	209.	.4	1.8	1.8	25.0	30.5	16.6	17.0	-.31	.95
11	8 88	10	160.	1.2	3.2	3.0	16.3	26.2	16.7	17.0	-.31	.95
11	8 88	11	139.	1.8	4.2	3.8	14.8	16.0	16.7	17.1	-.19	.95
11	8 88	12	122.	3.0	4.6	4.4	11.4	12.3	17.0	17.6	-.28	.93
11	8 88	13	136.	3.2	5.6	5.2	13.1	14.3	17.7	18.4	-.34	.91
11	8 88	14	163.	3.2	6.2	5.8	14.3	16.2	17.4	17.9	-.22	.92
11	8 88	15	167.	3.6	7.2	7.0	14.7	16.9	15.3	15.5	-.16	.91
11	8 88	16	174.	3.2	5.8	5.2	12.3	12.9	14.4	14.5	.03	.86
11	8 88	17	150.	2.7	6.8	6.4	12.7	16.6	14.7	14.9	-.12	.90
11	8 88	18	143.	2.1	4.4	4.2	13.6	15.4	15.0	15.3	-.16	.93
11	8 88	19	157.	1.4	2.8	2.6	13.9	16.3	15.5	15.8	-.12	.94
11	8 88	20	245.	1.3	2.4	2.2	8.2	31.2	15.5	15.2	-.03	.95
11	8 88	21	214.	.9	2.6	2.4	21.6	30.2	14.9	13.6	.09	.95
11	8 88	22	207.	1.2	2.8	2.6	25.7	26.6	14.2	13.0	.16	.95
11	8 88	23	232.	2.6	5.4	5.2	13.3	14.3	13.8	13.2	.12	.93
11	8 88	24	238.	3.0	6.6	6.2	11.2	11.8	13.4	13.0	.09	.89
12	8 88	1	254.	2.5	6.4	6.2	19.4	20.8	13.1	12.7	.06	.85
12	8 88	2	301.	1.1	3.4	3.2	29.3	31.8	12.5	11.7	.03	.87
12	8 88	3	266.	2.2	6.6	6.4	26.6	29.2	12.6	12.0	.06	.82
12	8 88	4	267.	2.7	7.0	6.6	32.3	34.1	12.5	12.1	.00	.80
12	8 88	5	260.	2.4	8.4	7.6	29.4	32.9	12.0	11.6	.00	.83
12	8 88	6	280.	2.6	7.4	7.0	20.6	22.2	12.3	11.9	-.22	.80
12	8 88	7	281.	1.4	5.0	4.6	30.5	34.0	13.5	14.2	-.47	.78
12	8 88	8	209.	1.2	4.6	4.4	24.3	28.7	15.1	15.8	-.65	.75
12	8 88	9	221.	1.8	5.4	5.0	24.7	28.5	16.9	17.9	-.84	.71
12	8 88	10	228.	2.5	5.8	5.6	22.8	23.5	17.8	18.6	-1.09	.69
12	8 88	11	198.	1.6	7.8	7.6	37.0	40.8	17.5	18.0	-.68	.72
12	8 88	12	159.	4.0	7.6	7.2	17.7	23.5	17.6	18.5	-.65	.75
12	8 88	13	190.	5.3	9.8	9.6	14.5	18.5	16.5	17.2	-.34	.82
12	8 88	14	176.	4.5	8.8	8.4	16.9	17.5	16.2	16.9	-.43	.86
12	8 88	15	174.	2.5	4.8	4.4	18.7	20.2	15.9	16.5	-.31	.83
12	8 88	16	176.	2.5	5.4	5.0	13.9	15.3	14.9	15.2	-.19	.91
12	8 88	17	198.	3.3	8.0	7.4	13.9	14.8	13.5	13.6	-.22	.95
12	8 88	18	142.	.9	3.0	2.6	20.8	40.0	13.0	13.3	-.19	.95
12	8 88	19	205.	.4	1.4	1.2	34.8	43.0	13.0	13.1	-.09	.95
12	8 88	20	127.	.8	2.0	1.8	18.1	29.3	12.8	12.9	-.09	.95
12	8 88	21	138.	1.8	3.2	3.0	8.7	10.6	12.7	12.6	.00	.95
12	8 88	22	142.	1.5	2.2	2.0	6.3	8.7	12.7	12.6	.03	.95
12	8 88	23	49.	.8	2.0	1.8	12.3	35.4	12.5	12.5	.03	.95
12	8 88	24	44.	1.5	3.4	3.2	14.9	16.5	12.3	12.3	-.12	.95

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	8 88	1	39.	1.8	4.0	3.6	21.6	25.3	12.2	12.2	-.09	.95
13	8 88	2	46.	3.1	6.6	6.2	20.5	21.5	12.0	12.0	-.09	.95
13	8 88	3	25.	1.2	3.0	2.8	43.1	73.1	12.0	12.0	-.06	.95
13	8 88	4	359.	1.5	3.0	3.0	8.0	13.9	11.9	11.9	-.03	.95
13	8 88	5	42.	1.3	3.2	3.0	39.2	73.1	11.8	11.8	-.03	.94
13	8 88	6	340.	2.1	5.0	4.8	18.2	34.1	12.0	12.0	-.09	.94
13	8 88	7	322.	2.6	4.4	4.2	10.0	12.8	12.4	12.6	-.16	.94
13	8 88	8	298.	2.6	4.4	4.2	9.8	12.2	13.0	13.3	-.28	.92
13	8 88	9	299.	2.9	4.6	4.4	9.1	9.5	13.9	14.5	-.47	.90
13	8 88	10	288.	2.3	4.4	4.2	15.5	16.8	15.9	16.9	-.93	.85
13	8 88	11	309.	2.6	5.2	5.0	16.9	18.3	17.0	18.1	-.84	.79
13	8 88	12	308.	3.0	6.0	5.4	12.4	13.6	17.8	19.1	-.81	.76
13	8 88	13	316.	2.3	4.4	4.2	14.3	15.5	19.2	20.5	-.87	.71
13	8 88	14	170.	1.8	6.6	6.2	35.1	65.7	20.0	21.0	-.71	.69
13	8 88	15	18.	3.4	9.4	8.8	44.0	65.1	16.9	17.2	-.25	.91
13	8 88	16	125.	2.1	5.2	4.8	18.9	35.6	17.9	18.9	-.43	.92
13	8 88	17	183.	1.4	2.4	2.4	28.9	44.8	18.8	20.1	-.31	.87
13	8 88	18	198.	1.4	3.0	2.8	13.9	14.9	20.1	21.0	-.84	.80
13	8 88	19	271.	1.7	5.2	5.0	20.3	33.2	19.1	19.7	-.59	.86
13	8 88	20	295.	2.4	6.4	5.8	25.4	26.4	17.2	16.7	.03	.79
13	8 88	21	301.	1.8	4.2	3.8	24.9	28.0	16.0	14.1	.22	.85
13	8 88	22	285.	2.0	4.6	4.2	9.8	11.3	15.3	14.3	.28	.83
13	8 88	23	291.	3.2	5.0	4.8	7.7	8.4	15.0	14.3	.37	.78
13	8 88	24	308.	2.7	4.6	4.4	11.2	13.7	14.2	13.7	.16	.83
14	8 88	1	308.	2.5	5.0	4.8	13.2	13.9	13.6	13.1	.16	.84
14	8 88	2	316.	3.0	5.0	4.4	9.5	10.2	13.0	12.5	.16	.86
14	8 88	3	302.	2.1	3.8	3.4	9.0	14.2	12.4	11.7	.12	.89
14	8 88	4	302.	3.5	4.4	4.2	3.4	4.9	12.5	11.7	.56	.83
14	8 88	5	314.	2.9	4.4	4.0	6.0	8.7	12.1	11.4	.37	.87
14	8 88	6	298.	2.1	3.8	3.6	8.7	11.8	12.4	11.9	.03	.87
14	8 88	7	305.	2.0	3.6	3.2	9.3	11.4	13.8	14.8	-.43	.79
14	8 88	8	308.	2.1	3.6	3.4	9.4	10.8	14.9	15.7	-.47	.76
14	8 88	9	229.	1.4	2.4	2.4	16.3	33.9	17.1	18.0	-.78	.70
14	8 88	10	114.	1.2	3.8	3.6	42.9	63.8	18.8	19.6	-1.06	.68
14	8 88	11	132.	3.7	8.2	7.8	13.6	14.8	17.8	18.9	-.68	.73
14	8 88	12	170.	4.6	8.8	8.6	16.8	18.7	18.2	19.2	-.40	.71
14	8 88	13	177.	4.6	8.8	8.0	16.1	17.3	17.6	18.5	-.34	.74
14	8 88	14	181.	4.7	10.0	9.4	17.8	18.2	16.6	17.2	-.34	.79
14	8 88	15	194.	3.8	7.0	6.2	13.6	15.3	14.8	15.1	-.25	.92
14	8 88	16	200.	3.0	7.0	6.4	16.2	16.9	14.6	15.0	-.28	.94
14	8 88	17	208.	2.7	6.2	5.8	15.3	18.7	13.9	14.1	-.19	.93
14	8 88	18	146.	2.2	4.6	4.2	13.2	19.2	12.3	12.4	-.16	.95
14	8 88	19	101.	2.5	4.4	4.2	10.7	18.1	12.3	12.4	-.16	.95
14	8 88	20	107.	2.9	4.8	4.4	9.8	10.9	12.4	12.5	-.12	.95
14	8 88	21	128.	3.9	9.0	8.6	12.7	15.1	13.5	13.5	-.06	.95
14	8 88	22	141.	4.9	9.6	9.0	14.1	14.5	14.3	14.3	-.09	.95
14	8 88	23	180.	4.3	9.2	9.0	15.7	19.3	15.1	15.1	-.09	.95
14	8 88	24	138.	2.5	5.8	5.4	13.9	23.2	15.4	15.3	-.06	.95
15	8 88	1	167.	2.3	4.2	4.0	11.2	16.2	15.2	15.1	-.06	.95
15	8 88	2	145.	2.4	5.4	5.0	12.1	14.2	15.1	15.0	-.03	.95
15	8 88	3	136.	3.2	5.6	5.2	11.8	14.9	15.4	15.4	-.06	.95
15	8 88	4	127.	4.0	7.6	7.4	13.0	13.6	15.5	15.5	-.06	.95
15	8 88	5	179.	4.8	10.8	10.2	15.8	20.6	15.8	15.8	-.09	.95
15	8 88	6	167.	4.9	10.6	10.0	16.3	16.9	15.9	16.0	-.09	.95
15	8 88	7	163.	4.1	9.0	8.6	16.0	17.0	15.7	15.7	-.09	.95
15	8 88	8	183.	4.8	10.6	10.0	15.4	18.1	15.9	15.9	-.09	.95
15	8 88	9	193.	4.8	10.4	10.2	15.2	15.7	15.8	15.9	-.12	.95
15	8 88	10	201.	3.8	9.0	8.6	18.8	19.0	16.7	17.3	-.37	.95
15	8 88	11	194.	3.7	9.0	8.8	17.7	18.2	17.3	17.9	-.34	.93
15	8 88	12	207.	4.8	10.8	10.0	20.3	20.7	18.1	18.8	-.53	.82
15	8 88	13	184.	4.0	8.6	8.4	17.4	18.5	16.2	16.6	-.34	.94
15	8 88	14	187.	4.2	9.8	9.2	18.1	18.7	17.2	18.1	-.40	.91
15	8 88	15	184.	3.8	8.6	8.2	19.9	20.8	17.9	18.9	-.47	.87
15	8 88	16	225.	4.4	10.6	9.2	16.0	23.4	18.1	18.9	-.43	.83
15	8 88	17	217.	5.2	10.8	10.0	18.7	19.3	18.4	19.0	-.59	.74
15	8 88	18	207.	3.6	9.0	8.2	19.0	19.5	17.8	18.2	-.43	.71
15	8 88	19	221.	3.3	5.8	5.4	12.9	14.3	17.0	17.1	-.19	.74
15	8 88	20	217.	2.9	6.4	6.0	15.2	16.1	16.2	15.8	-.06	.78
15	8 88	21	235.	3.8	8.0	7.0	17.8	18.1	15.0	14.8	.00	.82
15	8 88	22	211.	3.2	7.2	6.8	21.9	22.9	14.6	14.4	.06	.81
15	8 88	23	221.	2.7	7.6	7.0	26.6	28.4	14.1	13.5	.16	.84
15	8 88	24	209.	3.0	6.2	5.8	20.3	21.6	13.5	13.3	.03	.85

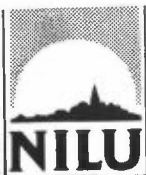
			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
16	8	88	1	212.	4.1	7.4	7.2	12.5	13.4	12.6	12.4	.06	.86
16	8	88	2	212.	3.5	8.0	6.8	14.7	15.1	12.4	12.2	.03	.87
16	8	88	3	194.	2.8	6.4	5.6	17.2	19.1	12.3	12.1	.00	.91
16	8	88	4	208.	2.2	6.0	5.6	28.8	30.4	12.3	12.1	-.03	.92
16	8	88	5	194.	2.3	5.8	5.4	23.7	24.1	12.5	12.4	-.03	.92
16	8	88	6	207.	2.5	5.4	5.0	22.1	23.0	12.9	12.9	-.09	.91
16	8	88	7	208.	4.2	8.8	8.2	16.7	16.8	14.0	14.5	-.31	.87
16	8	88	8	225.	4.0	8.4	8.0	16.0	17.9	15.2	15.6	-.37	.84
16	8	88	9	219.	3.2	8.0	7.4	14.9	15.2	15.5	15.8	-.50	.85
16	8	88	10	232.	2.2	5.4	5.2	26.9	28.4	17.7	18.4	-1.02	.82
16	8	88	11	315.	1.6	5.2	5.0	45.1	54.4	18.9	19.6	-.84	.78
16	8	88	12	49.	1.2	2.8	2.6	23.1	33.2	19.4	20.6	-.43	.77
16	8	88	13	41.	1.2	3.2	3.0	54.3	65.9	21.1	22.3	-.84	.71
16	8	88	14	146.	2.1	4.8	4.4	46.1	52.9	20.2	21.1	-.53	.75
16	8	88	15	152.	2.1	5.6	5.4	58.9	109.0	18.6	19.1	-.28	.84
16	8	88	16	329.	1.6	5.0	4.8	57.9	124.2	19.5	20.1	-.09	.85
16	8	88	17	298.	3.0	6.2	5.8	16.8	23.3	17.2	17.2	-.09	.89
16	8	88	18	307.	3.3	5.6	5.4	9.9	12.4	17.7	18.3	-.56	.85
16	8	88	19	295.	3.0	5.4	5.2	9.8	11.1	17.8	18.1	-.43	.87
16	8	88	20	299.	3.3	5.4	5.2	8.6	9.9	16.9	16.6	-.06	.91
16	8	88	21	297.	3.0	4.6	4.4	4.7	6.4	15.8	15.2	.25	.93
16	8	88	22	304.	3.2	5.0	4.8	4.4	7.2	14.9	14.4	.25	.95
16	8	88	23	316.	4.2	6.0	5.8	6.3	7.3	14.6	14.3	.19	.94
16	8	88	24	304.	3.7	6.6	6.0	8.7	11.8	14.4	14.1	.19	.95
17	8	88	1	319.	3.7	6.6	6.2	8.3	12.8	14.7	14.4	.19	.94
17	8	88	2	304.	3.7	5.4	5.2	7.2	10.2	14.8	14.5	.19	.90
17	8	88	3	299.	3.8	5.8	5.6	5.8	6.7	14.6	14.2	.22	.90
17	8	88	4	314.	4.2	5.8	5.6	6.6	8.2	14.6	14.4	.06	.88
17	8	88	5	304.	3.7	4.8	4.6	5.3	6.0	14.3	14.2	.06	.89
17	8	88	6	299.	3.7	5.2	4.8	5.1	6.3	14.4	14.4	.00	.87
17	8	88	7	305.	3.3	4.8	4.8	7.2	7.7	14.5	14.6	-.06	.87
17	8	88	8	299.	2.9	4.8	4.4	9.0	9.7	15.0	15.1	-.16	.86
17	8	88	9	315.	3.8	6.2	5.8	10.6	11.5	15.9	16.1	-.28	.80
17	8	88	10	304.	3.9	6.8	6.0	9.4	9.8	16.1	16.3	-.25	.76
17	8	88	11	311.	3.8	7.8	7.4	9.6	9.9	16.9	17.4	-.40	.69
17	8	88	12	314.	5.3	11.0	9.8	11.4	12.5	18.1	19.1	-.75	.61
17	8	88	13	346.	5.2	11.0	9.8	14.9	19.8	18.3	19.3	-.43	.58
17	8	88	14	359.	3.6	8.6	7.8	13.3	14.3	19.1	20.7	-.40	.56
17	8	88	15	295.	3.9	7.8	7.2	17.4	19.7	19.9	21.2	-.81	.56
17	8	88	16	314.	3.5	7.0	6.4	13.5	14.9	19.8	20.6	-.68	.56
17	8	88	17	333.	2.1	5.2	4.8	18.9	21.4	19.6	20.3	-.31	.58
17	8	88	18	120.	1.2	3.6	3.4	38.9	80.7	19.3	19.9	-.43	.66
17	8	88	19	111.	1.7	3.6	3.2	11.2	12.6	17.8	18.2	-.34	.81
17	8	88	20	122.	2.0	3.2	3.0	5.8	9.1	16.3	15.7	.03	.91
17	8	88	21	301.	1.7	2.8	2.6	13.3	65.5	15.5	14.0	.50	.92
17	8	88	22	307.	2.3	4.2	4.0	7.2	8.3	15.0	13.9	.40	.82
17	8	88	23	307.	3.0	4.4	4.2	3.7	8.1	13.9	13.0	.59	.87
17	8	88	24	316.	3.1	4.0	4.0	2.8	6.6	12.5	11.9	.68	.95
18	8	88	1	311.	2.7	3.8	3.6	4.2	8.2	12.1	11.0	.75	.94
18	8	88	2	337.	2.9	4.2	4.0	4.9	14.9	11.3	11.0	.19	.93
18	8	88	3	333.	2.2	4.0	3.6	6.6	13.0	11.4	11.1	.12	.91
18	8	88	4	340.	2.1	3.6	3.4	7.3	12.1	11.2	10.9	.06	.89
18	8	88	5	326.	1.9	3.2	2.8	6.7	9.0	11.2	10.7	.09	.89
18	8	88	6	309.	1.7	3.6	3.4	6.9	9.9	11.3	11.1	.00	.88
18	8	88	7	322.	1.8	3.2	3.0	9.2	12.7	11.7	12.0	-.19	.88
18	8	88	8	314.	.7	2.2	2.0	16.6	19.5	13.0	13.6	-.40	.84
18	8	88	9	292.	1.0	2.0	1.8	25.0	34.2	14.8	16.1	-.40	.77
18	8	88	10	188.	.8	2.0	1.8	46.9	53.1	18.0	18.7	-1.12	.71
18	8	88	11	107.	1.6	4.2	4.0	44.0	53.4	18.9	20.2	-1.06	.68
18	8	88	12	121.	3.5	6.2	5.6	14.5	16.0	18.0	19.2	-.68	.72
18	8	88	13	143.	4.1	7.0	6.6	13.3	14.9	17.9	18.9	-.56	.72
18	8	88	14	141.	3.6	6.6	6.2	15.9	19.2	18.2	19.4	-.43	.72
18	8	88	15	149.	3.5	7.0	6.6	18.1	20.9	18.2	19.2	-.34	.73
18	8	88	16	132.	3.4	6.2	5.8	14.4	18.2	18.0	18.7	-.37	.86
18	8	88	17	184.	2.6	5.4	5.0	14.2	25.7	17.5	17.7	-.16	.94
18	8	88	18	180.	2.6	5.4	5.2	14.4	17.2	17.2	17.3	-.09	.91
18	8	88	19	138.	2.1	4.8	4.6	19.7	29.4	16.5	16.5	-.09	.91
18	8	88	20	141.	2.3	3.8	3.6	10.5	12.3	15.7	15.7	-.06	.95
18	8	88	21	167.	2.4	4.2	4.0	12.2	13.8	15.3	15.2	-.03	.93
18	8	88	22	176.	1.8	3.4	3.2	12.3	14.7	15.0	14.8	.09	.92
18	8	88	23	179.	2.7	4.6	4.4	10.8	11.2	14.1	14.0	-.03	.95
18	8	88	24	128.	2.4	4.0	3.8	10.1	20.7	13.8	13.7	.00	.95

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	8 88	1	139.	2.9	5.0	4.8	11.2	11.5	14.1	14.1	-.03	.95
19	8 88	2	146.	3.8	6.8	6.6	12.0	12.9	14.4	14.4	-.03	.95
19	8 88	3	150.	4.0	7.6	7.0	14.0	14.3	14.4	14.4	-.06	.95
19	8 88	4	163.	4.6	8.6	8.4	15.5	16.3	14.1	14.1	-.06	.95
19	8 88	5	145.	4.7	10.0	9.2	14.7	16.1	13.7	13.6	-.03	.92
19	8 88	6	150.	6.2	12.0	11.4	12.9	13.3	14.1	14.0	-.06	.95
19	8 88	7	139.	5.8	11.2	10.4	14.1	16.5	13.0	13.1	-.09	.95
19	8 88	8	150.	5.0	11.2	9.8	15.5	15.8	13.8	13.8	-.09	.95
19	8 88	9	152.	4.4	8.4	7.4	15.7	15.9	14.0	14.0	-.09	.95
19	8 88	10	149.	3.8	7.4	6.8	15.7	15.9	14.3	14.4	-.09	.95
19	8 88	11	166.	3.9	9.4	8.6	17.1	17.5	14.5	14.6	-.09	.95
19	8 88	12	145.	4.1	8.8	8.4	16.5	16.9	14.6	14.7	-.09	.95
19	8 88	13	159.	3.7	6.8	6.4	15.1	15.7	15.0	15.1	-.09	.95
19	8 88	14	166.	3.4	7.8	7.4	16.4	17.2	15.4	15.5	-.12	.95
19	8 88	15	160.	4.1	9.2	8.6	15.8	16.7	15.3	15.4	-.12	.95
19	8 88	16	157.	5.3	11.0	10.2	16.4	16.6	15.2	15.3	-.12	.95
19	8 88	17	165.	5.4	11.2	10.8	15.7	16.2	15.0	15.1	-.12	.95
19	8 88	18	150.	6.2	14.0	13.2	15.8	16.3	14.4	14.4	-.12	.95
19	8 88	19	143.	4.0	9.2	8.4	13.8	15.0	14.7	14.8	-.06	.95
19	8 88	20	163.	4.5	9.2	8.6	16.4	17.7	15.3	15.3	-.09	.95
19	8 88	21	150.	5.5	11.8	10.8	14.7	15.7	15.1	15.1	-.09	.95
19	8 88	22	157.	6.0	12.6	11.2	15.2	15.5	14.9	15.0	-.09	.95
19	8 88	23	180.	4.8	11.2	10.8	15.9	17.8	15.2	15.3	-.09	.95
19	8 88	24	177.	3.3	7.0	6.6	15.6	15.8	15.3	15.4	-.09	.95
20	8 88	1	186.	2.7	7.2	6.8	14.3	18.3	15.3	15.4	-.06	.95
20	8 88	2	153.	2.4	4.8	4.6	11.8	15.4	15.2	15.2	-.06	.95
20	8 88	3	148.	2.7	6.6	5.8	14.6	14.9	15.3	15.3	-.06	.95
20	8 88	4	174.	4.4	10.2	9.4	14.8	22.7	15.2	15.2	-.06	.95
20	8 88	5	187.	4.9	10.6	9.8	16.2	17.9	14.6	14.6	-.03	.95
20	8 88	6	198.	4.3	9.2	8.6	16.0	17.0	14.1	14.1	.00	.95
20	8 88	7	187.	3.5	8.6	7.8	20.2	21.1	14.8	15.4	-.22	.90
20	8 88	8	198.	5.2	11.6	11.0	17.9	19.0	15.3	16.1	-.40	.85
20	8 88	9	195.	4.0	8.2	7.6	20.2	20.8	15.7	16.4	-.50	.83
20	8 88	10	187.	4.8	9.6	8.8	17.1	17.8	16.5	17.3	-.56	.79
20	8 88	11	172.	4.6	9.6	9.0	15.3	16.5	15.4	15.9	-.34	.88
20	8 88	12	162.	4.0	7.8	7.4	14.6	15.4	14.0	14.6	-.22	.93
20	8 88	13	169.	4.3	8.6	7.8	15.9	16.3	15.0	15.5	-.25	.91
20	8 88	14	181.	4.0	8.2	7.8	20.7	22.2	16.1	17.3	-.47	.87
20	8 88	15	160.	4.1	8.4	7.6	18.0	19.9	16.8	17.9	-.40	.85
20	8 88	16	177.	3.4	7.8	7.6	18.2	19.1	16.6	17.3	-.25	.89
20	8 88	17	186.	3.9	8.4	7.8	16.2	17.2	16.3	16.9	-.31	.86
20	8 88	18	179.	3.4	7.6	7.0	18.9	19.7	16.3	17.1	-.28	.89
20	8 88	19	180.	4.1	8.0	7.6	16.1	16.7	15.4	15.6	-.19	.90
20	8 88	20	186.	3.7	9.0	8.2	15.5	15.8	14.3	14.1	-.06	.95
20	8 88	21	194.	2.9	6.0	5.8	15.8	16.8	13.7	13.5	.00	.95
20	8 88	22	180.	2.4	5.4	5.0	18.5	19.3	13.4	13.1	.03	.95
20	8 88	23	162.	1.1	4.4	4.2	33.4	42.0	13.3	12.7	.00	.95
20	8 88	24	202.	1.1	2.4	2.2	19.0	23.2	13.2	12.3	.12	.95
21	8 88	1	155.	1.1	2.2	2.0	10.1	19.4	12.8	12.3	.09	.95
21	8 88	2	127.	1.1	2.8	2.6	10.6	16.2	12.4	11.7	.19	.95
21	8 88	3	128.	1.7	2.6	2.4	2.8	7.4	11.9	11.1	.25	.95
21	8 88	4	134.	2.1	3.8	3.6	4.4	15.7	12.0	11.3	.53	.95
21	8 88	5	340.	1.6	3.2	3.2	47.2	152.4	11.6	11.2	.16	.95
21	8 88	6	302.	.7	2.2	2.0	29.1	37.7	11.5	11.3	.12	.95
21	8 88	7	304.	1.1	2.8	2.6	18.0	20.8	11.6	11.7	-.09	.95
21	8 88	8	299.	.5	1.6	1.4	30.3	38.6	11.6	11.7	-.16	.95
21	8 88	9	111.	.3	1.6	1.4	54.7	108.1	12.3	12.6	-.12	.95
21	8 88	10	62.	.8	2.4	2.2	20.1	28.3	13.5	13.8	-.22	.95
21	8 88	11	105.	1.3	2.8	2.6	29.2	40.6	16.1	17.5	-.65	.90
21	8 88	12	155.	2.4	4.6	4.4	20.5	26.1	16.7	18.1	-.50	.84
21	8 88	13	295.	1.7	4.2	4.0	29.6	43.9	15.4	15.8	-.56	.83
21	8 88	14	127.	1.1	3.0	2.6	45.8	96.1	15.7	16.1	-.40	.82
21	8 88	15	166.	2.1	3.8	3.6	10.8	17.6	15.3	15.5	-.16	.92
21	8 88	16	166.	2.0	5.6	5.4	14.3	14.8	15.7	16.3	-.16	.91
21	8 88	17	153.	2.9	5.6	5.0	15.5	17.4	16.2	16.9	-.22	.89
21	8 88	18	176.	2.3	4.8	4.4	16.5	19.9	16.3	17.2	-.16	.89
21	8 88	19	157.	2.1	3.6	3.4	12.3	14.2	15.9	16.4	-.12	.90
21	8 88	20	169.	2.0	3.6	3.2	9.7	13.0	14.4	13.9	.06	.95
21	8 88	21	132.	1.6	3.0	2.8	12.1	21.4	13.6	12.7	.22	.95
21	8 88	22	124.	1.0	2.0	2.0	18.3	32.0	13.6	12.1	.25	.95
21	8 88	23	120.	1.3	2.6	2.4	16.2	28.4	13.4	11.9	.34	.95
21	8 88	24	125.	1.0	2.4	2.4	28.6	32.1	12.9	11.9	.31	.95

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	8 88	1	312.	1.3	2.4	2.2	31.1	71.2	12.6	11.8	.31	.95
22	8 88	2	76.	1.0	2.2	2.0	8.4	49.8	12.4	12.0	.25	.95
22	8 88	3	335.	1.0	2.4	2.4	56.6	83.9	12.5	11.9	.43	.95
22	8 88	4	284.	.7	2.4	2.2	11.9	20.2	12.4	12.2	.06	.95
22	8 88	5	298.	1.4	2.8	2.6	5.4	9.3	12.4	12.3	.00	.95
22	8 88	6	315.	1.1	2.6	2.6	8.0	14.2	12.4	12.4	-.12	.95
22	8 88	7	301.	1.9	3.2	3.0	11.5	19.9	12.5	12.6	-.16	.95
22	8 88	8	357.	1.0	2.2	2.2	38.3	44.6	12.9	13.1	-.16	.95
22	8 88	9	315.	1.1	3.0	2.8	45.7	63.4	13.8	14.1	-.28	.95
22	8 88	10	18.	3.4	9.4	8.6	19.6	33.9	12.6	12.7	-.19	.95
22	8 88	11	350.	4.7	12.2	12.0	14.3	17.1	10.7	10.8	-.22	.95
22	8 88	12	354.	4.0	9.2	8.4	12.8	13.8	10.4	10.5	-.19	.95
22	8 88	13	1.	4.1	8.6	8.2	15.5	17.0	10.7	11.1	-.19	.89
22	8 88	14	0.	4.7	10.4	9.6	14.9	15.2	10.4	10.7	-.22	.92
22	8 88	15	336.	3.9	8.4	8.0	13.3	16.6	10.3	10.7	-.25	.92
22	8 88	16	3.	3.8	7.8	7.2	13.6	16.9	10.9	11.3	-.22	.90
22	8 88	17	353.	4.2	8.2	7.4	13.4	13.9	10.5	10.5	-.16	.93
22	8 88	18	17.	4.5	8.6	8.2	14.6	15.6	10.6	10.5	-.09	.95
22	8 88	19	351.	3.5	9.2	8.8	16.1	20.8	10.6	10.6	-.09	.95
22	8 88	20	15.	3.6	6.8	6.4	12.0	13.2	11.0	11.0	-.06	.95
22	8 88	21	8.	3.8	6.8	6.4	10.5	11.2	11.4	11.3	-.06	.95
22	8 88	22	14.	3.5	6.6	6.2	9.7	10.0	11.8	11.6	-.03	.95
22	8 88	23	1.	2.9	5.4	5.0	8.9	9.3	11.9	11.7	-.03	.95
22	8 88	24	17.	2.9	5.8	5.6	9.1	10.9	11.9	11.6	.00	.95
23	8 88	1	30.	2.4	4.0	4.0	11.2	12.5	12.0	11.8	-.03	.95
23	8 88	2	17.	2.5	4.4	4.2	13.3	15.4	12.0	11.9	.00	.95
23	8 88	3	11.	2.9	4.8	4.6	8.7	8.9	12.1	11.9	.00	.95
23	8 88	4	6.	2.6	4.0	4.0	6.3	7.7	11.8	11.6	.00	.95
23	8 88	5	25.	2.6	4.0	3.8	7.0	8.9	11.7	11.4	.03	.95
23	8 88	6	18.	2.4	3.6	3.6	8.2	9.0	12.0	11.9	.00	.95
23	8 88	7	34.	2.3	4.6	4.4	15.8	17.2	12.6	13.8	-.09	.92
23	8 88	8	37.	2.4	5.4	5.0	26.3	27.6	14.0	15.6	-.50	.83
23	8 88	9	70.	2.3	4.6	4.4	27.6	31.2	14.0	15.1	-.50	.83
23	8 88	10	86.	2.8	6.0	5.4	23.7	25.7	15.3	16.9	-.87	.76
23	8 88	11	7.	3.2	6.2	6.0	26.6	42.2	15.5	17.1	-.71	.73
23	8 88	12	58.	2.9	5.6	5.4	19.0	23.1	14.9	15.8	-.37	.74
23	8 88	13	67.	1.9	4.0	3.8	17.8	18.5	15.2	15.7	-.40	.73
23	8 88	14	312.	1.3	3.6	3.4	26.2	47.7	16.2	17.5	-.47	.68
23	8 88	15	163.	.2	2.4	1.8	67.4	96.0	15.7	16.0	-.37	.73
23	8 88	16	212.	1.6	3.6	3.4	26.1	32.4	15.7	16.3	-.59	.76
23	8 88	17	301.	1.6	3.6	3.6	22.8	41.2	15.7	16.4	-.71	.78
23	8 88	18	288.	1.8	3.8	3.6	16.6	17.3	15.7	16.4	-.75	.79
23	8 88	19	284.	2.1	3.8	3.6	8.4	10.1	14.1	14.0	-.22	.87
23	8 88	20	298.	2.1	3.0	3.0	4.0	8.0	12.8	12.2	.16	.95
23	8 88	21	297.	1.7	3.0	2.8	5.3	19.0	12.2	10.7	.40	.95
23	8 88	22	312.	2.3	3.0	3.0	1.4	6.1	11.8	11.3	.31	.95
23	8 88	23	321.	2.0	3.0	2.8	4.9	9.2	11.1	10.6	.25	.95
23	8 88	24	299.	1.2	3.2	3.0	14.5	33.1	10.8	10.2	.31	.95
24	8 88	1	304.	2.9	4.8	4.6	4.7	5.3	10.1	10.1	-.09	.95
24	8 88	2	299.	1.3	4.2	4.0	25.8	37.6	9.4	9.3	.00	.95
24	8 88	3	308.	1.6	2.4	2.2	5.8	14.3	9.1	9.1	.03	.95
24	8 88	4	302.	1.9	3.2	3.0	9.0	10.0	8.9	9.0	-.16	.95
24	8 88	5	314.	2.1	3.6	3.4	11.2	14.7	8.5	8.7	-.16	.95
24	8 88	6	319.	1.9	3.6	3.4	16.8	18.2	8.3	8.5	-.19	.94
24	8 88	7	332.	1.3	3.2	3.0	16.8	17.6	8.7	9.1	-.12	.92
24	8 88	8	329.	1.9	3.6	3.4	12.1	15.7	9.4	10.0	-.12	.95
24	8 88	9	298.	1.3	2.6	2.4	13.3	15.1	10.2	10.7	-.34	.95
24	8 88	10	299.	.6	2.6	2.4	49.9	51.4	13.0	14.0	-.90	.95
24	8 88	11	145.	1.0	4.6	4.0	48.4	60.7	15.6	16.4	-.90	.89
24	8 88	12	169.	3.8	6.8	6.4	17.4	22.8	15.7	16.8	-.47	.85
24	8 88	13	162.	4.0	7.4	7.2	19.3	20.4	16.2	17.6	-.56	.80
24	8 88	14	167.	4.2	7.8	7.6	19.3	21.6	16.5	17.7	-.50	.72
24	8 88	15	184.	5.1	8.4	7.8	15.8	17.0	15.7	16.9	-.47	.74
24	8 88	16	156.	4.9	8.8	8.4	16.2	18.0	15.3	16.4	-.43	.79
24	8 88	17	186.	4.4	8.6	8.0	15.2	16.8	14.4	15.0	-.25	.83
24	8 88	18	176.	3.1	7.0	6.6	15.3	16.0	13.6	13.8	-.16	.86
24	8 88	19	172.	2.2	4.6	4.2	11.4	11.9	12.9	12.8	-.03	.89
24	8 88	20	170.	2.4	4.0	3.8	8.2	8.8	12.4	12.0	.16	.94
24	8 88	21	143.	2.3	4.0	3.6	8.2	10.7	12.5	12.2	.22	.94
24	8 88	22	90.	2.1	3.6	3.2	6.3	17.6	12.3	11.8	.19	.95
24	8 88	23	112.	2.2	3.8	3.6	7.2	8.9	12.1	11.6	.19	.95
24	8 88	24	104.	2.9	4.4	4.2	6.0	8.6	12.2	11.8	.25	.95

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
25	8	88	1	90.	2.5	3.8	3.6	4.7	6.3	12.2	11.6	.16	.95
25	8	88	2	75.	3.1	4.4	4.2	6.3	11.8	11.8	11.3	.19	.95
25	8	88	3	73.	3.0	5.4	5.2	11.1	11.8	12.1	11.9	.03	.95
25	8	88	4	75.	3.5	6.8	6.6	14.2	15.0	12.2	12.1	-.09	.95
25	8	88	5	63.	5.0	9.2	8.6	12.7	13.0	12.2	12.2	-.12	.95
25	8	88	6	200.	3.6	8.8	8.2	47.0	59.6	12.0	11.9	-.09	.95
25	8	88	7	73.	1.9	5.0	4.8	55.1	68.9	12.3	12.2	-.06	.95
25	8	88	8	112.	5.5	11.4	10.0	11.0	16.1	13.6	13.6	-.03	.95
25	8	88	9	115.	6.2	10.6	10.0	11.2	11.6	13.6	13.7	-.09	.95
25	8	88	10	131.	5.5	10.0	9.8	12.0	12.6	13.9	14.0	-.12	.95
25	8	88	11	117.	4.3	10.2	9.2	14.5	18.2	13.6	13.8	-.12	.95
25	8	88	12	121.	5.2	11.2	10.2	13.8	15.1	13.8	13.8	-.16	.93
25	8	88	13	120.	4.7	8.4	8.0	11.6	12.5	13.7	13.8	-.12	.95
25	8	88	14	114.	4.6	8.4	8.0	10.3	10.9	13.6	13.7	-.12	.95
25	8	88	15	97.	3.2	5.6	5.4	10.4	13.3	13.9	14.2	-.25	.95
25	8	88	16	56.	2.3	4.6	4.2	13.8	20.7	14.6	15.0	-.25	.95
25	8	88	17	41.	1.8	5.6	5.2	23.4	23.7	14.9	15.4	-.22	.95
25	8	88	18	32.	2.5	5.4	5.0	19.7	20.1	14.8	15.0	-.03	.92
25	8	88	19	72.	3.4	9.2	8.2	18.4	24.0	13.8	13.7	.00	.95
25	8	88	20	55.	3.1	7.2	6.6	21.1	23.1	13.3	13.2	.00	.95
25	8	88	21	46.	3.4	8.6	8.0	20.1	20.7	13.5	13.3	.00	.95
25	8	88	22	58.	5.2	11.0	9.4	15.8	16.4	13.7	13.6	.03	.95
25	8	88	23	72.	3.9	8.8	8.0	19.2	21.0	13.7	13.6	.00	.95
25	8	88	24	87.	4.3	7.8	7.6	13.5	14.7	13.7	13.6	.00	.95
26	8	88	1	73.	3.2	7.2	6.6	10.8	12.6	13.8	13.6	-.03	.95
26	8	88	2	70.	3.6	7.4	6.6	14.3	15.2	13.8	13.8	-.03	.95
26	8	88	3	86.	5.0	11.4	11.0	12.8	15.7	13.8	13.7	-.06	.95
26	8	88	4	79.	4.7	9.4	9.0	14.3	14.6	13.8	13.8	-.03	.95
26	8	88	5	86.	4.8	10.2	9.2	13.7	14.6	13.9	13.9	-.03	.95
26	8	88	6	90.	4.8	9.4	8.8	11.8	12.5	13.9	13.9	-.06	.95
26	8	88	7	75.	4.9	8.8	8.4	13.6	14.3	14.0	13.9	-.06	.95
26	8	88	8	114.	4.5	9.6	8.8	12.9	19.2	13.6	13.6	-.09	.95
26	8	88	9	105.	4.5	8.8	8.0	12.3	13.0	13.7	13.8	-.12	.95
26	8	88	10	134.	3.4	7.2	6.8	13.8	18.3	13.7	13.8	-.16	.95
26	8	88	11	107.	2.4	5.0	4.6	12.2	14.0	13.2	13.3	-.16	.95
26	8	88	12	110.	1.4	2.4	2.2	16.5	19.2	14.0	14.5	-.31	.95
26	8	88	13	122.	1.9	3.0	2.8	17.8	20.6	15.3	16.5	-.53	.95
26	8	88	14	125.	2.4	4.4	4.2	12.7	13.8	15.9	16.7	-.40	.94
26	8	88	15	125.	2.5	4.8	4.6	18.3	23.1	16.3	17.3	-.34	.89
26	8	88	16	125.	3.2	5.6	5.2	10.4	11.4	16.2	17.0	-.40	.87
26	8	88	17	118.	1.8	3.6	3.6	16.2	19.4	16.8	17.9	-.31	.84
26	8	88	18	107.	1.4	2.4	2.2	13.2	15.8	16.0	16.5	-.28	.88
26	8	88	19	89.	1.2	2.4	2.2	9.6	12.8	14.7	14.7	-.16	.95
26	8	88	20	128.	1.2	1.8	1.6	4.7	14.2	14.0	13.0	.09	.95
26	8	88	21	56.	.6	1.6	1.4	10.7	27.8	13.6	11.9	.31	.95
26	8	88	22	349.	1.0	2.2	2.0	8.3	21.2	13.7	11.8	.22	.95
26	8	88	23	302.	2.3	3.4	3.4	5.4	12.0	12.7	12.0	.19	.95
26	8	88	24	319.	2.3	3.6	3.4	6.1	12.1	12.2	11.9	.19	.95
27	8	88	1	311.	2.2	3.6	3.4	5.4	10.2	12.0	11.6	.16	.95
27	8	88	2	290.	1.6	2.6	2.4	7.8	14.3	11.4	11.2	.12	.95
27	8	88	3	309.	1.4	2.4	2.2	8.8	10.9	11.4	11.5	-.09	.95
27	8	88	4	290.	1.0	1.8	1.8	11.2	18.2	11.2	11.2	-.03	.95
27	8	88	5	312.	1.7	3.2	3.0	5.3	9.1	11.5	11.5	-.06	.95
27	8	88	6	344.	1.5	3.2	3.0	13.6	30.0	11.8	11.8	.03	.95
27	8	88	7	60.	.6	2.2	2.0	20.4	28.9	12.5	12.6	.00	.95
27	8	88	8	134.	.3	2.8	2.6	47.9	51.0	14.9	15.0	-.03	.95
27	8	88	9	110.	2.2	4.0	3.8	16.3	18.4	15.5	16.7	-.56	.95
27	8	88	10	117.	2.7	5.0	4.6	13.6	15.2	15.9	17.2	-.56	.92
27	8	88	11	142.	3.2	6.2	5.8	17.0	22.0	16.5	17.7	-.47	.91
27	8	88	12	145.	3.6	6.6	6.0	17.2	18.3	16.2	17.0	-.34	.92
27	8	88	13	132.	3.6	6.8	6.4	13.3	14.7	15.8	16.4	-.34	.95
27	8	88	14	156.	3.9	8.0	7.2	15.5	18.2	15.6	16.0	-.25	.95
27	8	88	15	157.	3.7	8.4	7.6	15.8	18.6	15.6	15.9	-.19	.95
27	8	88	16	155.	3.3	6.0	5.8	15.6	16.9	15.3	15.6	-.19	.95
27	8	88	17	150.	3.0	5.6	5.2	13.5	13.8	14.9	15.0	-.12	.95
27	8	88	18	148.	3.2	6.2	6.0	13.1	13.6	14.7	14.8	-.09	.95
27	8	88	19	124.	3.1	5.8	5.6	13.3	16.5	14.9	14.9	-.09	.95
27	8	88	20	139.	3.6	6.6	6.0	13.0	13.6	14.9	14.9	-.09	.95
27	8	88	21	167.	4.3	15.0	14.0	14.9	16.5	14.8	14.8	-.06	.95
27	8	88	22	188.	5.3	12.0	11.2	14.9	15.3	12.5	12.5	-.19	.95
27	8	88	23	138.	1.6	6.8	5.8	30.4	34.3	12.1	12.1	-.12	.95
27	8	88	24	163.	1.9	5.4	5.0	18.0	21.4	12.5	12.5	-.06	.95

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
28	8	88	1	166.	2.6	6.0	5.8	15.0	16.2	13.1	13.2	-.12	.95
28	8	88	2	188.	1.4	3.0	2.6	13.6	17.2	13.3	13.3	-.09	.95
28	8	88	3	301.	.8	2.8	2.6	33.0	94.5	13.2	13.2	-.06	.95
28	8	88	4	281.	2.0	3.0	2.8	8.6	12.8	12.9	13.0	-.12	.95
28	8	88	5	322.	1.2	2.6	2.4	18.7	34.1	12.6	12.5	-.12	.95
28	8	88	6	297.	2.0	3.8	3.6	12.3	15.5	12.3	12.4	-.12	.95
28	8	88	7	304.	2.0	4.0	3.6	15.5	16.8	12.1	12.2	-.22	.95
28	8	88	8	294.	1.7	3.6	3.4	14.1	14.5	12.3	12.6	-.25	.95
28	8	88	9	298.	2.0	4.0	3.8	15.7	16.9	12.9	13.4	-.37	.95
28	8	88	10	292.	1.0	2.6	2.4	28.0	29.0	14.7	15.5	-.84	.92
28	8	88	11	226.	.4	1.8	1.6	70.2	82.2	16.4	17.4	-.68	.87
28	8	88	12	128.	1.2	3.4	3.0	54.0	65.7	17.0	18.1	-.50	.85
28	8	88	13	111.	1.8	4.6	4.4	29.9	32.3	17.5	18.9	-.47	.84
28	8	88	14	127.	2.9	5.0	4.8	13.9	15.5	17.1	18.1	-.47	.80
28	8	88	15	136.	3.1	6.0	5.2	11.2	11.7	16.0	16.6	-.34	.89
28	8	88	16	134.	3.0	5.4	4.8	12.7	12.8	15.6	16.0	-.25	.90
28	8	88	17	139.	2.8	4.6	4.2	12.8	13.8	15.1	15.3	-.19	.95
28	8	88	18	107.	1.7	4.2	3.8	13.5	15.2	15.0	15.1	-.16	.95
28	8	88	19	67.	1.7	4.0	3.8	11.9	14.7	14.4	14.5	-.16	.95
28	8	88	20	91.	1.1	2.8	2.6	17.3	18.6	14.0	14.1	-.12	.95
28	8	88	21	87.	2.3	5.4	5.2	12.9	14.5	14.5	14.6	-.09	.95
28	8	88	22	124.	4.2	9.6	9.4	12.6	21.6	15.3	15.3	-.06	.95
28	8	88	23	134.	6.5	13.2	12.4	12.7	13.0	16.1	16.2	-.09	.95
28	8	88	24	132.	7.2	13.4	12.6	13.2	13.3	16.4	16.4	-.09	.95
29	8	88	1	125.	7.3	13.4	13.2	13.1	13.5	16.5	16.5	-.09	.95
29	8	88	2	150.	7.9	16.4	15.4	14.2	16.8	16.6	16.7	-.09	.95
29	8	88	3	174.	5.6	14.6	13.6	18.5	19.7	16.5	16.5	-.12	.95
29	8	88	4	153.	4.6	10.8	10.0	17.4	20.2	16.3	16.3	-.12	.95
29	8	88	5	150.	4.8	12.6	11.4	16.1	17.3	15.9	15.9	-.12	.95
29	8	88	6	170.	4.5	8.6	8.2	16.3	18.5	16.0	16.0	-.09	.95
29	8	88	7	198.	4.4	8.8	8.4	15.8	18.4	16.0	16.1	-.12	.95
29	8	88	8	202.	3.5	7.4	7.2	14.7	15.7	17.2	17.9	-.47	.95
29	8	88	9	211.	4.7	9.6	9.0	16.5	17.4	17.4	18.1	-.62	.95
29	8	88	10	239.	5.4	14.2	12.8	18.2	19.7	17.2	17.8	-.65	.89
29	8	88	11	235.	5.8	12.4	10.8	20.8	20.9	17.8	18.4	-.75	.66
29	8	88	12	233.	6.4	15.0	13.6	19.8	20.2	18.1	18.7	-.75	.61
29	8	88	13	238.	5.0	11.8	11.4	18.0	19.2	18.1	18.6	-.71	.62
29	8	88	14	235.	3.5	8.0	7.6	21.2	24.4	18.4	19.0	-.71	.64
29	8	88	15	224.	4.4	9.2	8.8	20.2	21.0	19.3	20.0	-.87	.58
29	8	88	16	226.	5.2	10.6	10.4	17.2	18.1	19.0	19.8	-.78	.56
29	8	88	17	224.	6.4	13.6	12.6	14.9	15.1	18.0	18.5	-.53	.56
29	8	88	18	219.	5.7	10.8	10.2	15.1	15.6	17.0	17.3	-.40	.57
29	8	88	19	200.	3.7	9.4	8.2	16.8	17.7	15.2	15.0	-.22	.78
29	8	88	20	204.	3.2	6.6	6.2	15.8	16.4	13.3	13.0	.06	.88
29	8	88	21	209.	3.3	6.6	6.4	15.3	16.3	12.4	12.0	.12	.91
29	8	88	22	205.	2.6	5.8	5.6	15.1	16.9	12.0	11.7	.12	.95
29	8	88	23	198.	2.5	5.2	4.8	12.3	12.9	11.8	11.3	.19	.95
29	8	88	24	214.	2.9	5.6	5.2	13.4	13.7	11.5	11.2	.12	.95
30	8	88	1	197.	2.3	5.4	5.4	14.3	14.9	11.3	10.9	.09	.95
30	8	88	2	211.	2.3	4.2	3.8	11.3	12.7	10.8	10.2	.19	.95
30	8	88	3	218.	2.9	5.2	4.8	11.6	12.3	10.8	10.3	.25	.95
30	8	88	4	173.	2.8	5.6	5.4	11.1	21.1	11.0	10.4	.28	.95
30	8	88	5	194.	1.8	4.4	4.0	20.2	21.2	10.9	10.7	.00	.95
30	8	88	6	219.	1.7	5.0	4.6	23.7	24.6	11.1	10.8	-.03	.95
30	8	88	7	219.	1.6	4.4	4.2	30.4	31.9	12.8	13.6	-.28	.92
30	8	88	8	221.	2.7	5.2	5.0	18.3	19.2	13.3	13.7	-.40	.92
30	8	88	9	228.	3.1	7.2	6.8	21.3	22.6	15.5	16.3	-.90	.83
30	8	88	10	228.	2.4	5.8	5.2	27.6	28.2	16.7	17.4	-1.02	.79
30	8	88	11	194.	3.7	9.0	8.0	26.6	29.0	17.6	18.6	-1.09	.73
30	8	88	12	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
30	8	88	13	186.	2.4	5.8	5.6	19.8	22.3	14.3	15.2	-.25	.93
30	8	88	14	190.	3.4	7.6	7.2	16.6	17.6	15.4	16.4	-.37	.88
30	8	88	15	278.	4.7	10.0	9.4	23.5	36.5	15.7	16.5	-.56	.87
30	8	88	16	193.	1.7	4.8	4.6	38.1	102.0	14.6	15.7	-.31	.90
30	8	88	17	288.	2.2	7.4	6.8	33.3	52.1	15.1	15.3	-.28	.92
30	8	88	18	125.	1.7	7.2	6.6	34.0	92.9	12.6	12.7	-.03	.95
30	8	88	19	165.	2.3	3.6	3.4	6.6	12.2	13.0	12.3	.56	.95
30	8	88	20	191.	1.8	4.4	4.2	24.6	29.5	12.9	12.0	.40	.95
30	8	88	21	197.	2.0	5.6	5.2	21.2	30.0	12.6	11.6	.37	.95
30	8	88	22	193.	1.6	3.8	3.6	16.6	16.8	12.1	11.1	.25	.95
30	8	88	23	204.	1.9	4.0	3.6	13.7	14.6	11.5	10.5	.31	.95
30	8	88	24	202.	1.5	4.0	3.8	21.8	22.4	11.3	10.0	.37	.95



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NORWEGIAN INSTITUTE FOR AIR RESEARCH
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OPPDRAGSGIVER (NAVN OG ADRESSE) Statens forurensningstilsyn, Kontrollseksjonen nedre Telemark Postboks 402 3701 Skien			
3 STIKKORD (à maks. 20 anslag) Meteorologiske data Statistisk bearb.			
REFERAT (maks. 300 anslag, 7 linjer) En statistisk bearbeiding av meteorologiske data fra nedre Telemark i perioden 01.06.88-31.08.88 viser dominerende sørlige vinder ved Ås. Det blåste i denne perioden oftere fra sør og sjeldnere fra nordlige retninger enn hva tilfellet har vært for tidligere sommerperioder. Gjennomsnittlig vindstyrke 2,7 m/s var som normalt. Stabilitetsfordelingen viser færre tilfeller av stabil sjiktning enn vanlig. Juni 1988 med 17,9 ⁰ C var den varmeste juni måned som har vært registrert ved Ås.			

TITLE Meteorological data from nedre Telemark, summer 1988.
ABSTRACT (max. 300 characters, 7 lines) A statistical evaluation of meteorological data from nedre Telemark during the summer 1988 shows dominating winds from south. Stable and light stable cases were observed in about 30% of the time (less than normal). June 1988 with a mean temperature of 17,9 ⁰ C, was 3,6 ⁰ C warmer than normal.

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