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METEOROLOGISKE DATA FRA NEDRE TELEMARK, VÅREN 1988

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SAMMENDRAG

På oppdrag fra Statens forurensningstilsyn (SFT) er det foretatt en bearbeiding av de meteorologiske målingene fra Ås i nedre Telemark for perioden 01.03.88-31.05.88.

Våren 1988 blåste det oftest fra nord-nordvest (17%). Statistikk for de siste tolv årene (1976-87) viser også hovedvindretning nord-nordvest (Haugsbakk og Sivertsen, 1988). Våren 1988 var spesiell, da vinden i denne perioden var mye mer kanalisert langs aksen nordvest-sørøst enn hva som var tilfellet for de siste fem vårperiodene. Gjennomsnittlig vindstyrke på 3,0 m/s var 0,1 m/s høyere enn normalt.

Fordelingen av stabilitetsklassene avvek endel fra det som har vært vanlig de ti siste årene. Det var langt færre tilfeller av 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 om natten ved vinder fra nordvest, mens nøytral og ustabil sjiktning forekom på dagtid.

Mars og april var kaldere enn gjennomsnittet for de ti siste årene, mens mai var varmere enn normalt. Mai 1988, med gjennomsnittstemperatur på 12,1^{0}C, var den nest varmeste mai måned som har vært registrert ved Ås. Middeltemperaturen for mars var 0,2^{0}C kaldere, april var 0,8^{0}C kaldere og mai var 1,6^{0}C varmere enn gjennomsnittet for de ti siste årene.

INNHOLD

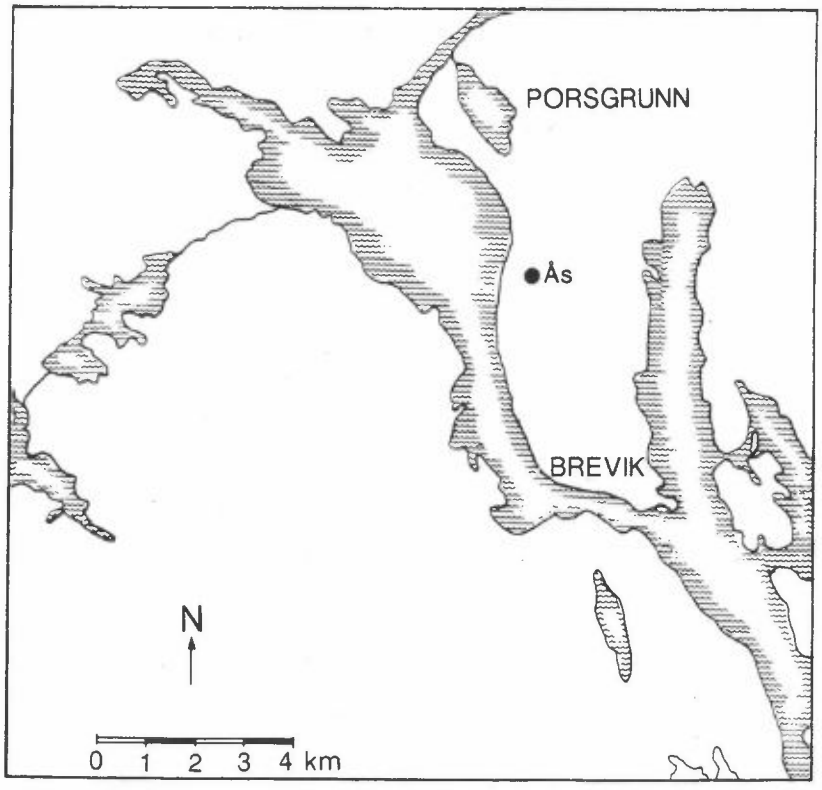
METEOROLOGISKE DATA FRA NEDRE TELEMARK, VÅREN 1988

1 INNLEDNING

Denne presentasjonen av meteorologiske data fra nedre Telemark i perioden 1.3.88-31.5.88 (vår), 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, STASJONSPLASSERING

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.

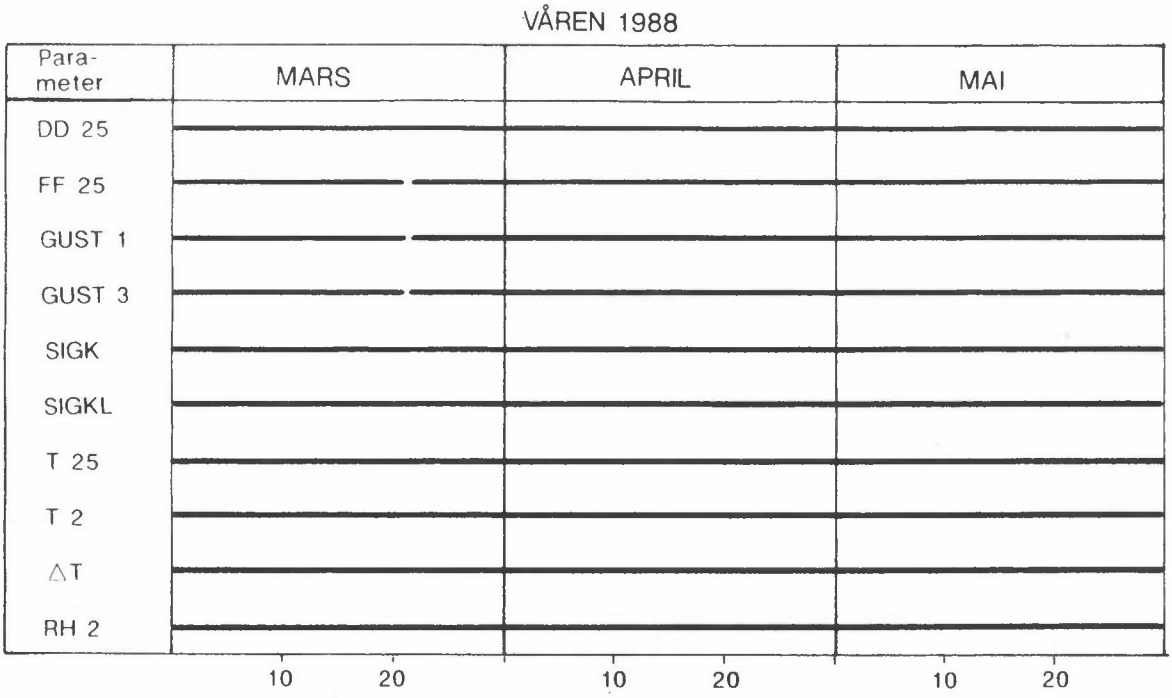
3 DATATILGJENGELIGHET/KVALITET

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

Datatilgjengeligheten var følgende:

DD-25, SIGK, T-25, DT, RH-2: 99,2%
FF-25, GUST1, GUST3 : 98,4%
SIGKL, T-2 : 99,1%

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



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

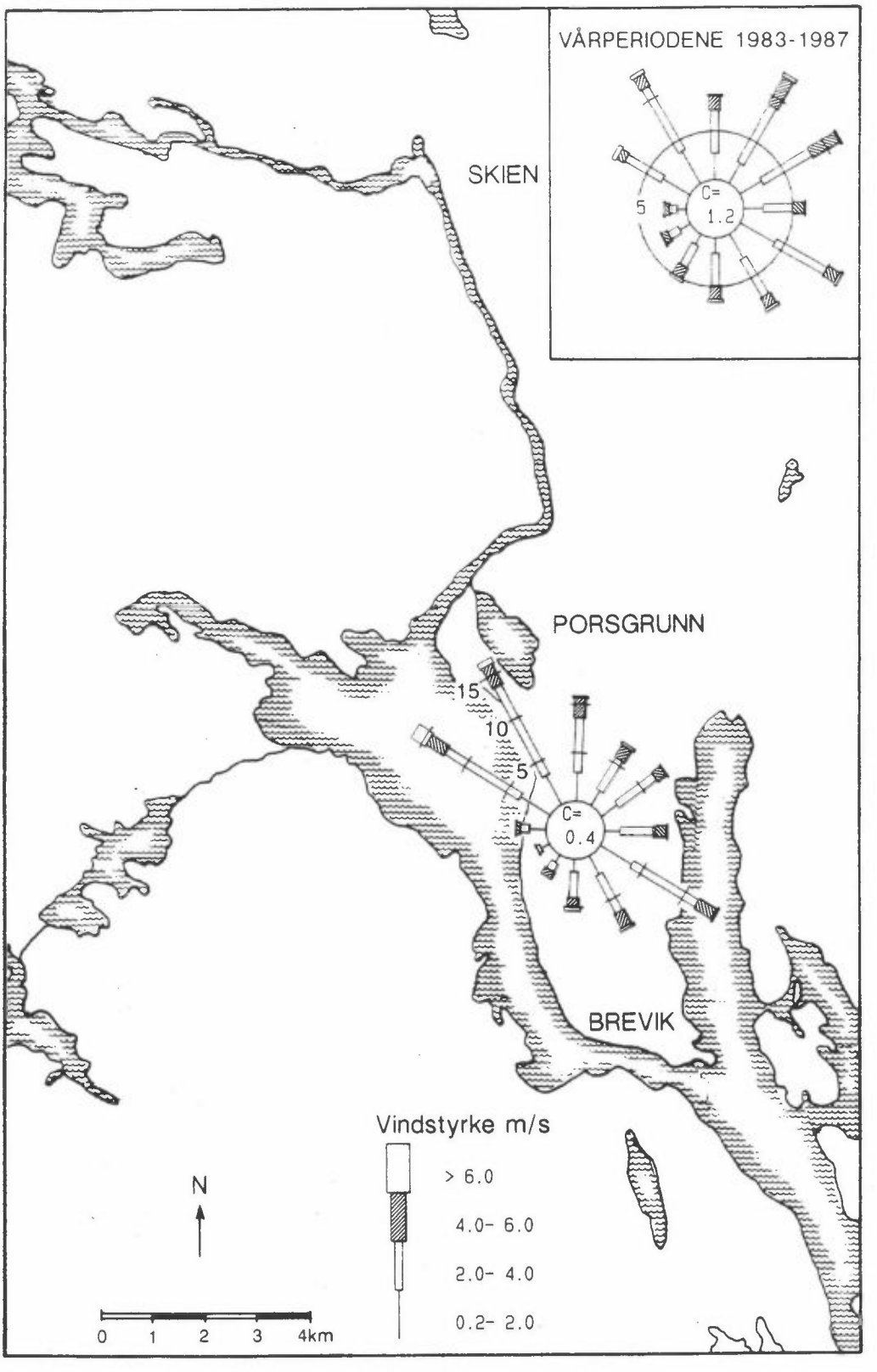
4 VINDFORHOLDENE

4.1 VINDRETNING

Vindrose fra Ås for våren 1988 er vist i figur 3 sammen med rosen for de fem vårperiodene 1983-1987.

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

Våren 1988 var spesiell, da vinden i denne perioden var mye mer kanalisert langs aksen nordvest-sørøst enn hva som var tilfellet for de siste fem vårperiodene. Størst forskjell var det på vind fra vest-nordvest med en frekvens på 8,8% i 1983-87 og 16,2% for våren 1988. Hovedvindretning for våren 1988 var som vanlig nord-nordvest (16,6%). Dominerende vindretninger var i mars og april vest-nordvest og i mai øst-sørøst.

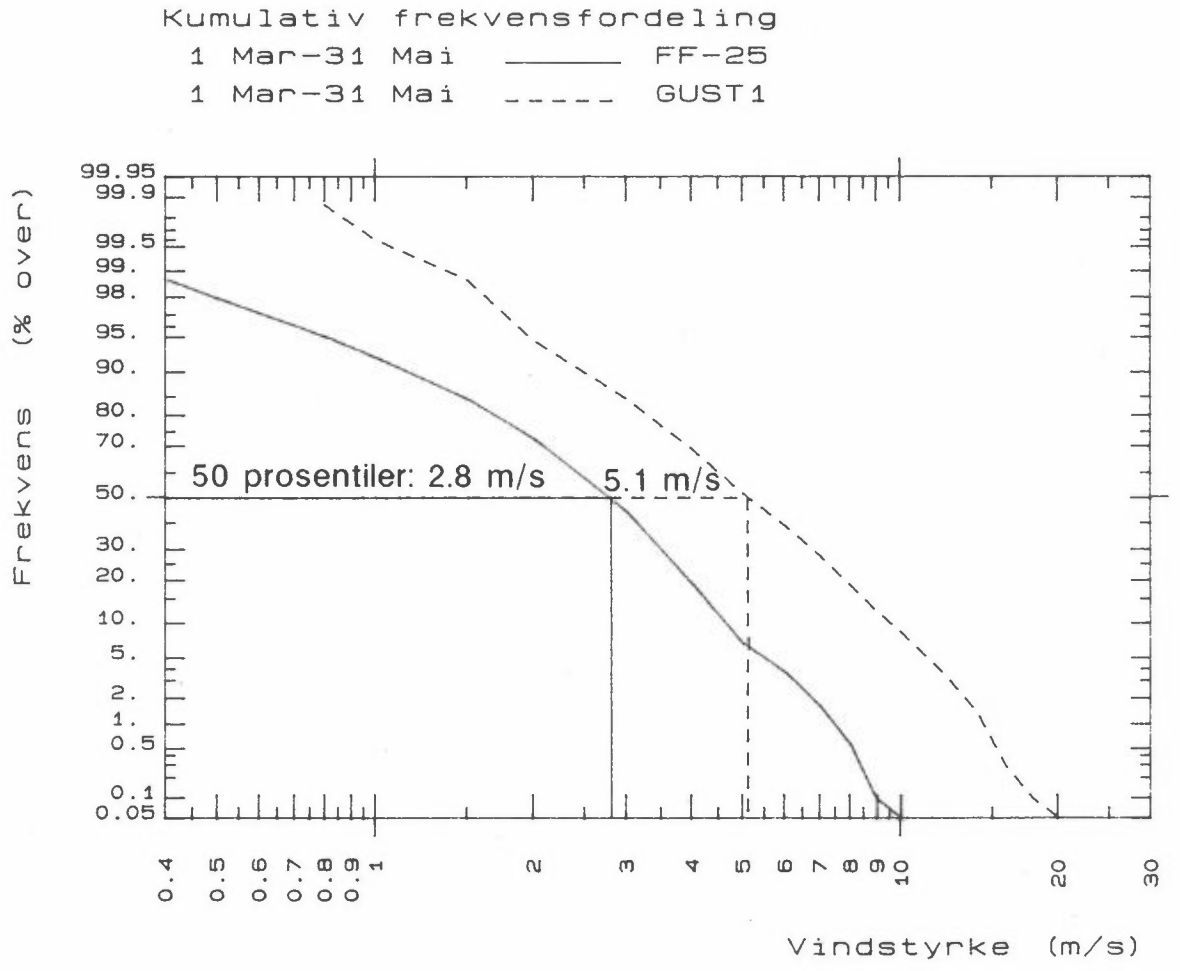


Figur 3: Vindroser (frekvens av vind i % i 12 sektorer) for våren 1988 og for vårperiodene 1983-1987.

4.2 VINDSTYRKE

Middelvindstyrken for våren 1988 (3,0 m/s) var 0,1 m/s høyere enn gjennomsnittet for vårperiodene 1983-1987. Gjennomsnittlige vindstyrker var for mars 3,0 m/s, april 3,2 m/s og mai 2,7 m/s. Den gjennomsnittlige vindstyrken for mars var 0,1 m/s høyere enn femårsnormalen, april lå 0,3 m/s over, mens mai lå 0,2 m/s under femårsnormalen.

Figur 4 viser den kvartalsvise vindstyrkefordelingen ved Ås. Vindstyrker over 6 m/s forekom i 3,9% av tiden. Svake vinder, mindre enn 2 m/s, forekom i 26,0% av tiden. I gjennomsnitt blåste det svakest ved vind fra vest-sørvest (1,9 m/s), og kraftigst blåste det fra sør og vest-nordvest (3,3 m/s).

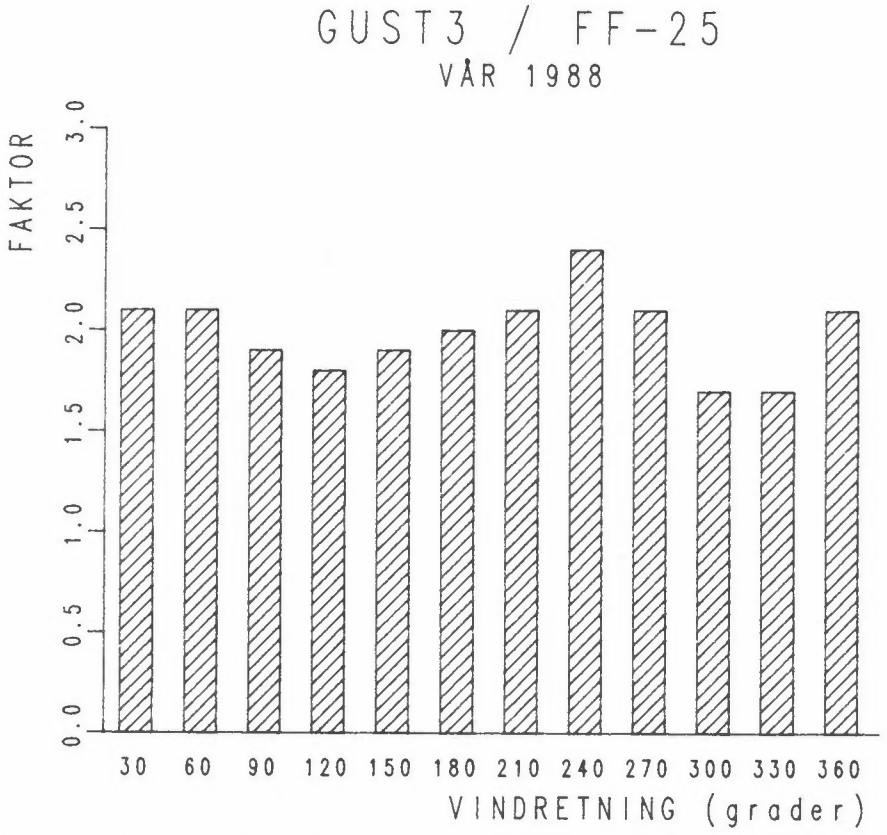


Figur 4: Kumulativ frekvensfordeling av vindstyrke og 1 sekunds gust ved Ås våren 1988. Figuren viser frekvens av vindstyrke større enn verdiene angitt på x-aksen.

4.3 VINDKAST (GUST)

Den høyeste vindstyrken midlet over 1 sekund (GUST1) og 3 sekund (GUST3), registreres hver time. Figur 4 viser den kumulative fordelingen av GUST1, for våren 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 1,9, og forholdet er størst ved vind fra vest-sørvest, med faktor 2,4. De laveste verdiene (1,7) er registrert når det blåser fra vest-nordvest og nord-nordvest. 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 den vindsektoren som har lavest frekvens, og GUST3/FF-25 er minst ved den vindretningen som forekommer oftest (se figur 3 og 5).



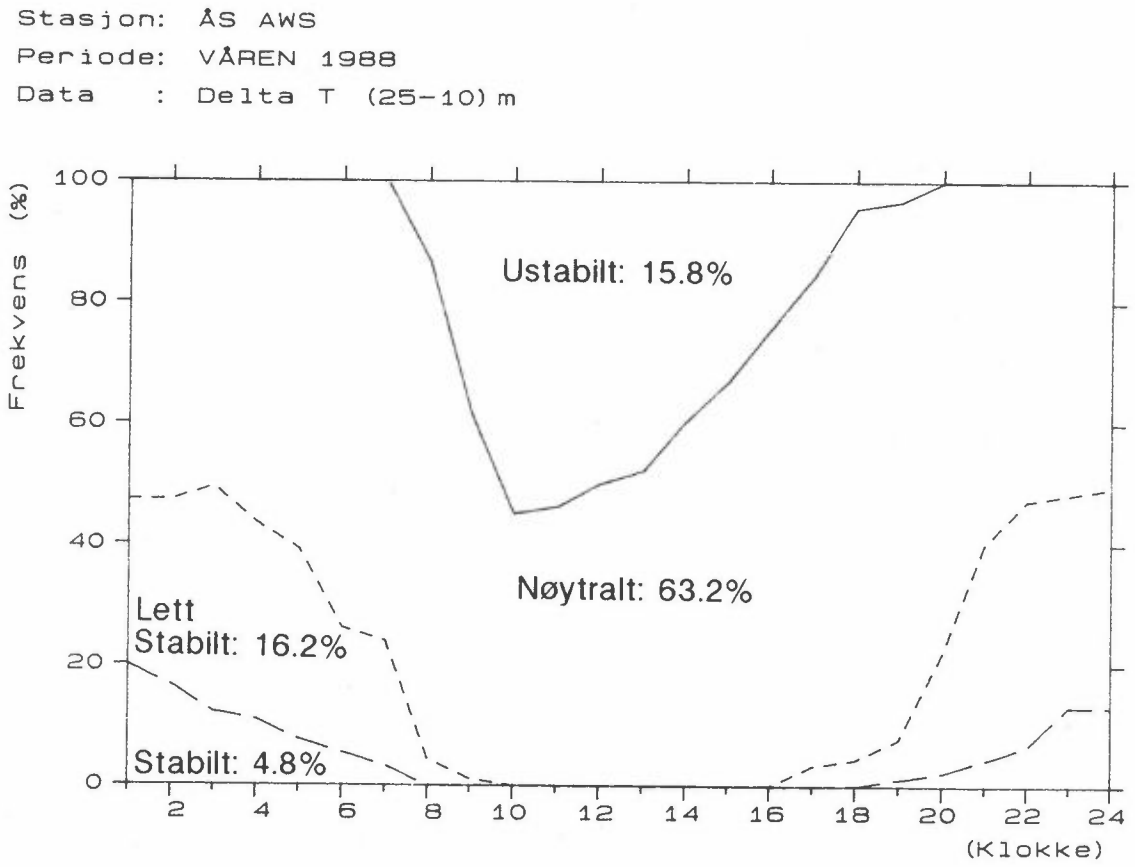
Figur 5: Forholdet mellom 3 sekunds gust (GUST3) og timesmidlet vindstyrke (FF-25) ved de ulike vindretningene, våren 1988.

Det kraftigste vindkastet ble registrert 11. april kl 01, og var 21,8 m/s for GUST1 og 19,0 m/s for GUST3. Middelvindstyrken for denne timen var 8,8 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:

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



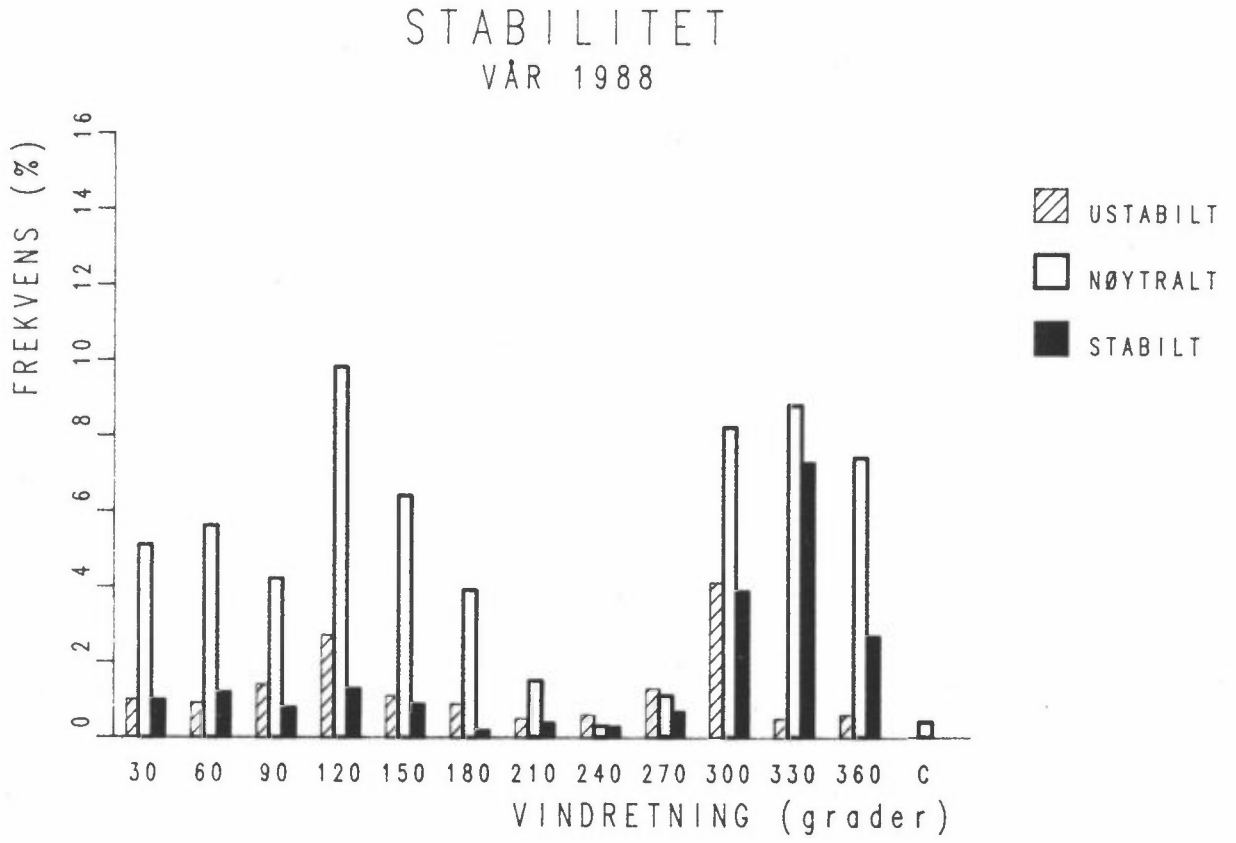
Figur 6: Døgnfordelingen av fire stabilitetsklasser basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masten på Ås 1.3.88-31.5.88.

Våren 1988 var det 4,8% stabil, 16,2% lett stabil, 63,2% nøytral og 15,8% ustabil temperatursjiktning. Denne fordelingen gir langt flere tilfeller av nøytral og ustabil sjiktning enn gjennomsnittet for de ti siste årene, mens det var færre tilfeller av lett stabilt og stabilt enn det som tidligere har vært vanlig.

6 FREKVENS AV VIND/STABILITET

Tabell A4 og A9 gir frekvensen (i %) i 196 klasser av vind og stabilitet, basert på stabilitetsdata og vinddata fra 25 m masten på Ås.

Figur 7 viser frekvensen av ustabil, nøytral og stabil (lett stabil + stabil) sjiktning som funksjon av vindretningen.



Figur 7: Frekvens av ustabil, nøytral og stabil (lett stabil + stabil) sjiktning som funksjon av vindretningen ved Ås våren 1988.

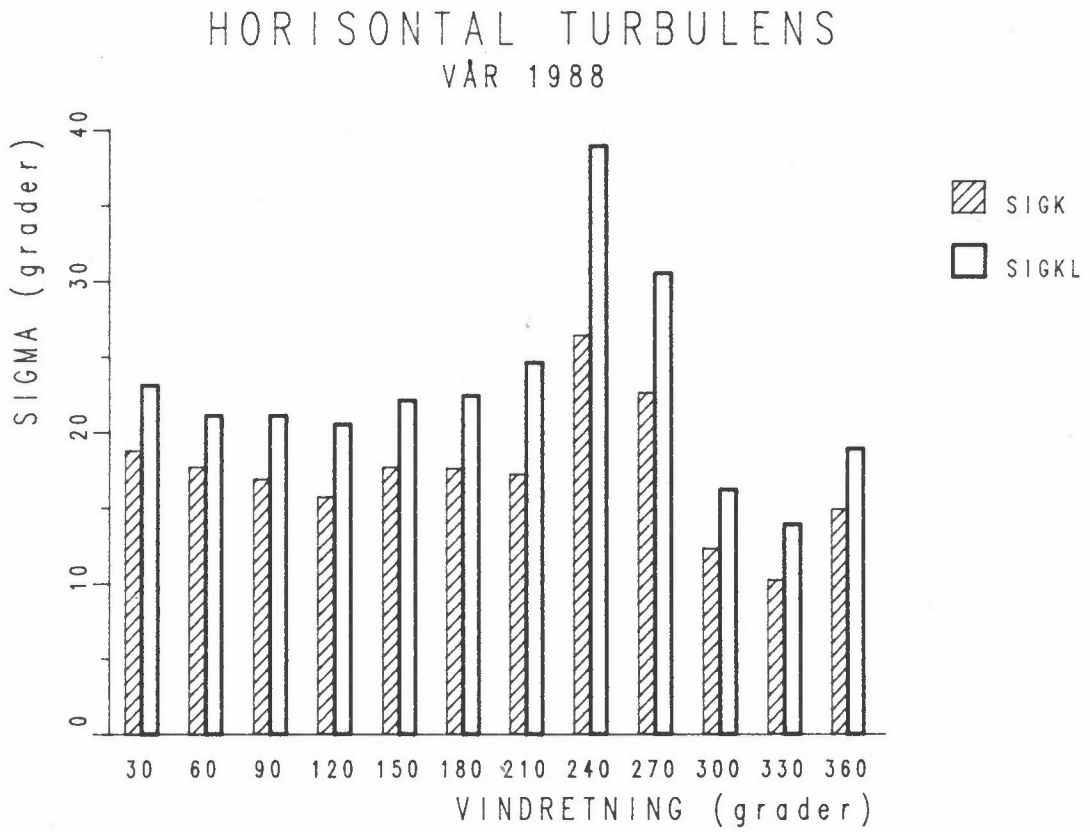
Figur 7 viser at stabile tilfeller (inversjoner) våren 1988 oftest forekom ved vind fra nord-nordvest. 2/3 av de stabile tilfellene forekom ved vind fra sektoren vest-nordvest til nord. Tabell A4 viser

at vindstyrken da oftest var lavere enn 4 m/s. Dette representerer vanligvis de stabile nattsituasjonene. De ustabile situasjonene forekom oftest ved vind fra nord.

7 HORISONTAL TURBULENS

Standardavviket av den horisontale vindretningsfluktuasjoen σ_θ observert 25 m over bakken er et mål for den horisontale spredningen av luftforurensninger.

Midlere verdier av σ_θ (horisontal 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.

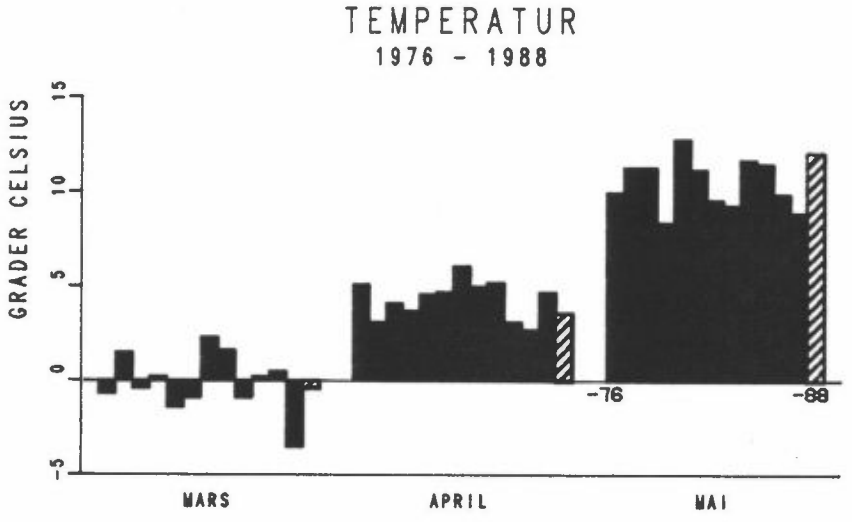


Figur 8: Midlere verdier av horisontal turbulens (σ_θ) (i grader som 5 minutters middel (SIGK) og timesmiddel (SIGKL)) som funksjon av vindretningen, våren 1988.

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

8 TEMPERATUR

I figur 9 er det plottet månedsmiddeltemperaturer for vårmånedene fra 1976 til 1988. Mai 1988 var den nest varmeste maimåned i løpet av disse årene.



Figur 9: Månedsvis middeltemperatur for vårmånedene 1976-1988 i ^{0}C.

Tabell 1 viser månedsvis middeltemperatur for våren 1988 sammenlignet med tiårsnormalen for hver måned.

Tabell 1: Månedsvis middeltemperatur for våren 1988 og middel for de ti siste årene for de respektive månedene i ^{0}C.

	TEMPERATUR 2 m o.b. (^{0}C)	
Måned	1988	1978-1987
Mars	-0,4	-0,2
April	3,6	4,4
Mai	12,1	10,5

Mars var 0,2°C kaldere og april var 0,8°C kaldere enn gjennomsnittet de ti siste årene, mens mai var 1,6°C varmere enn tiårsnormalen.

Den høyeste temperaturen ble målt den 28.05.88 kl 16 til 25,0°C. De laveste temperaturene ble målt den 17.03.88 kl 06 og 07 til -7,3°C.

Fullstendig månedsvis temperaturstatistikk for perioden 01.03.88-31.05.88 finnes i tabell A5.

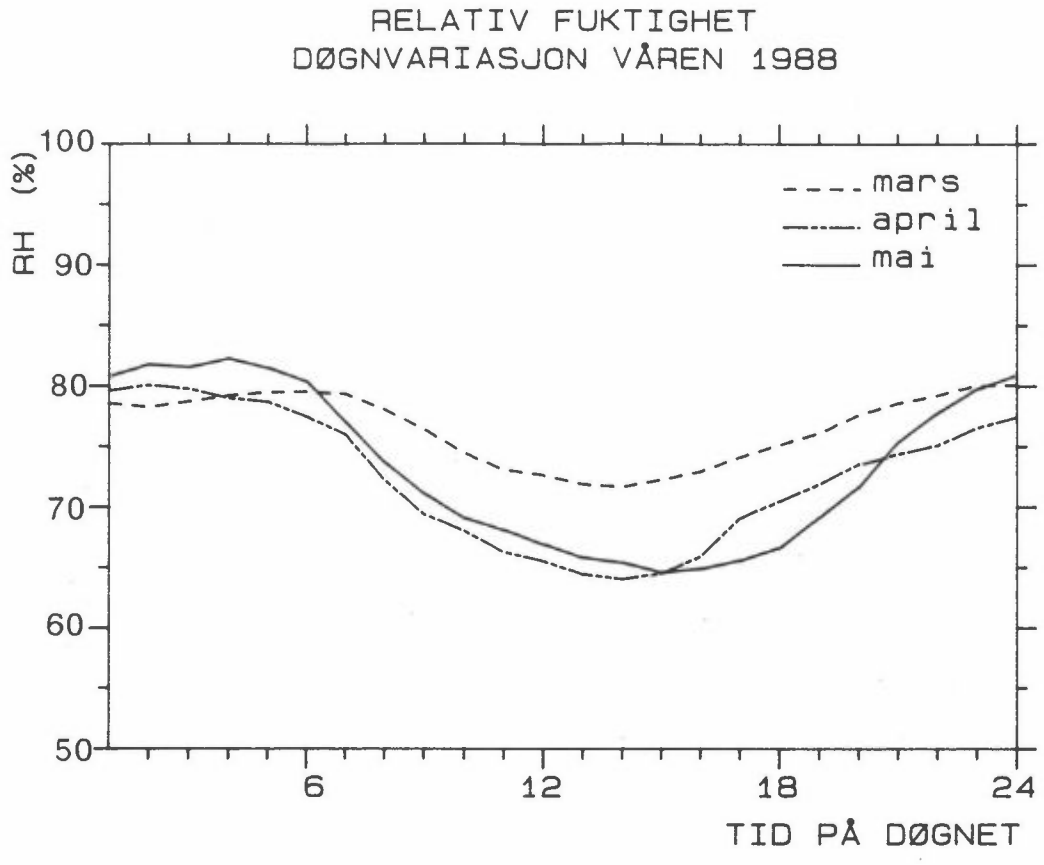
9 RELATIV FUKTIGHET

Tabell 2 viser månedsvis midlere relativ fuktighet for våren 1988 sammenlignet med tiårsnormalen for hver måned.

Tabell 2: Månedsvis midlere relativ fuktighet for våren 1988 og middelverdier for de ti siste årene for de respektive månedene i prosent.

	RELATIV FUKTIGHET 2 m o.b.(%)	
Måned	1988	10 års normal 1978-1987
Mars	77	78
April	72	72
Mai	73	75

I figur 10 er relativ fuktighet for hver av vårmånedene fordelt over døgnet. Alle de tre vårmånedene hadde lavest fuktighet om dagen og høyest om natten. Denne døgnvariasjonen øker med økt solintensitet. Mars hadde minst variasjon. Fuktigheten varierte da i gjennomsnitt fra 72% om dagen til 80% om natten. I april varierte fuktigheten fra 65% om dagen til 80% om natten, og i mai fra 65% om dagen til 83% om natten.



Figur 10: Døgnfordeling av relativ fuktighet (%) for mars, april og mai 1988.

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

10 REFERANSER

Arnesen, K., Friberg, A.G., Sivertsen, B., Skaug, K. og Hoem, K. (1978-88) 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

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 våren 1988.

Stasjon : AAS
Periode : 01.03.88 - 31.05.88

	FORDELING AV VINDRETNINGER OVER DØGNET (%)								
*) Vind-	Klokkeslett								Vind-
retning	01	04	07	10	13	16	19	22	rose
30	4.4	2.2	7.9	11.0	6.5	6.6	11.0	6.6	7.2
60	8.9	7.8	7.9	11.0	7.6	4.4	8.8	5.5	7.9
90	4.4	3.3	3.4	4.4	12.0	9.9	7.7	11.0	6.4
120	11.1	7.8	6.7	17.6	22.8	19.8	12.1	9.9	13.8
150	4.4	3.3	4.5	8.8	9.8	13.2	13.2	8.8	8.4
180	.0	2.2	2.2	3.3	6.5	11.0	14.3	1.1	5.3
210	4.4	2.2	.0	.0	1.1	4.4	3.3	3.3	2.6
240	2.2	1.1	1.1	3.3	1.1	1.1	1.1	1.1	1.3
270	1.1	.0	1.1	4.4	4.3	2.2	5.5	1.1	3.0
300	16.7	22.2	25.8	18.7	16.3	8.8	7.7	17.6	16.2
330	30.0	28.9	24.7	12.1	4.3	5.5	9.9	20.9	16.6
360	12.2	16.7	14.6	5.5	7.6	12.1	5.5	12.1	10.8
Stille	.0	2.2	.0	.0	.0	1.1	.0	1.1	.4
Ant.obs	(90)	(90)	(89)	(91)	(92)	(91)	(91)	(91)	(2172)
Midlere vind m/s	2.9	2.9	2.7	3.1	3.5	3.5	2.7	2.5	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-	Klasser						Midlere
retning	I	II	III	IV	Total	Nobs	vind m/s
30	1.7	3.7	1.5	.3	7.2	(157)	3.0
60	1.9	4.7	1.2	.0	7.9	(171)	2.8
90	1.6	3.6	1.2	.0	6.4	(139)	2.9
120	3.8	7.8	2.1	.1	13.8	(300)	2.8
150	2.1	4.4	1.7	.3	8.4	(183)	3.0
180	1.2	2.7	.9	.5	5.3	(115)	3.3
210	.9	.9	.8	.0	2.6	(56)	2.9
240	.9	.4	.1	.0	1.3	(29)	1.9
270	1.6	.9	.4	.1	3.0	(66)	2.5
300	3.5	8.9	2.1	1.7	16.2	(352)	3.3
330	3.4	10.4	2.3	.6	16.6	(361)	3.0
360	2.9	5.6	2.0	.2	10.8	(234)	2.9
Stille					.4	(9)	
Total	25.6	54.0	16.2	3.9	100.0	(2172)	
Midlere vind m/s	1.3	3.0	4.6	7.1			3.0

*) Dette tallet angir sentrum av vindsektor

Tabell A2: Vindfrekvenser (vindrose) fra Ås vårperiodene 1983-1987.

Stasjon : AAS
Periode : 01.03.83 - 31.05.87

*) Vind-retning	FORDELING AV VINDRETNINGER OVER DØGNET (%) Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	10.3	11.1	12.5	13.4	13.2	16.0	12.7	10.5	12.6
60	11.4	11.6	12.0	11.9	12.1	12.3	12.7	10.8	11.6
90	6.6	4.6	5.5	5.9	7.0	5.5	6.1	6.8	6.2
120	6.6	5.7	8.1	14.1	16.3	15.4	15.6	12.5	11.6
150	4.8	5.2	5.3	8.1	14.5	14.9	11.0	3.5	8.8
180	5.5	6.3	3.7	3.7	8.1	11.6	7.7	7.0	6.6
210	6.1	3.9	4.8	4.6	4.2	6.6	8.6	6.2	5.2
240	2.8	1.1	2.0	2.9	3.3	3.7	3.9	4.0	3.3
270	2.0	2.0	1.5	2.4	3.3	2.6	2.6	4.2	2.4
300	9.2	9.0	10.7	13.4	7.7	3.9	4.6	8.1	8.8
330	19.7	24.2	22.5	10.5	5.5	5.5	6.6	12.5	13.1
360	13.3	14.0	9.6	7.9	4.2	2.0	6.4	12.7	8.7
Stille	2.0	1.3	1.8	1.1	.4	.0	1.5	1.1	1.2
Ant.obs	(458)	(458)	(457)	(455)	(454)	(456)	(456)	(455)	(****)
Midlere vind m/s	2.8	2.8	2.7	2.8	3.3	3.4	2.8	2.7	2.9

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 I	II	III	IV	Total	Nobs	Midlere vind m/s
30	2.3	6.7	3.2	.4	12.6	(1374)	3.3
60	2.5	5.7	3.2	.2	11.6	(1267)	3.2
90	2.0	3.0	1.2	.0	6.2	(682)	2.8
120	4.0	5.9	1.5	.3	11.6	(1272)	2.7
150	2.9	4.4	1.2	.3	8.8	(966)	2.8
180	1.5	3.3	1.4	.3	6.6	(718)	3.2
210	1.2	2.5	1.3	.3	5.2	(574)	3.4
240	1.2	1.2	.7	.2	3.3	(356)	2.9
270	.9	.7	.5	.2	2.4	(262)	3.0
300	3.2	4.2	.9	.4	8.8	(960)	2.7
330	3.8	7.4	1.4	.4	13.1	(1432)	2.8
360	2.7	4.4	1.5	.1	8.7	(954)	2.8
Stille					1.2	(126)	
Total	28.4	49.4	17.9	3.2	100.0	(****)	
Midlere vind m/s	1.3	2.9	4.7	7.1			2.9

*) 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 våren 1988.

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.03.88 - 31.05.88

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

	Klasser			
Time	I	II	III	IV
01	.0	52.7	27.5	19.8
02	.0	52.7	30.8	16.5
03	.0	50.5	37.4	12.1
04	.0	56.5	32.6	10.9
05	.0	60.9	31.5	7.6
06	.0	73.9	20.7	5.4
07	.0	76.1	20.7	3.3
08	13.2	82.4	4.4	.0
09	38.5	60.4	1.1	.0
10	54.9	45.1	.0	.0
11	53.8	46.2	.0	.0
12	50.0	50.0	.0	.0
13	47.8	52.2	.0	.0
14	39.6	60.4	.0	.0
15	33.0	67.0	.0	.0
16	24.2	75.8	.0	.0
17	15.6	81.1	3.3	.0
18	4.4	91.2	4.4	.0
19	3.3	89.0	6.6	1.1
20	.0	78.0	19.8	2.2
21	.0	59.8	35.9	4.3
22	.0	52.7	40.7	6.6
23	.0	51.6	35.2	13.2
24	.0	50.5	36.3	13.2
Total	15.8	63.2	16.2	4.8

Antall obs : 2190
Manglende obs: 18

Tabell A4: Frekvens (i %) av vind og stabilitet fordelt på fire vindstyrkeklasser og fire stabilitetsklasser basert på data fra Ås våren 1988.

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

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.03.88 - 31.05.88
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				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	Rose
30	.1	1.0	.3	.3	.7	2.6	.4	.0	.2	1.2	.0	.0	.0	.3	.0	.0	7.2
60	.0	1.3	.5	.1	.6	3.5	.6	.0	.3	.8	.0	.0	.0	.0	.0	.0	7.9
90	.2	1.0	.3	.1	.7	2.5	.4	.0	.5	.7	.0	.0	.0	.0	.0	.0	6.4
120	.6	2.4	.6	.2	1.5	5.8	.4	.1	.6	1.5	.0	.0	.0	.1	.0	.0	13.8
150	.1	1.5	.4	.1	.8	3.2	.4	.0	.2	1.4	.0	.0	.0	.3	.0	.0	8.4
180	.2	.8	.2	.0	.5	2.1	.0	.0	.2	.6	.0	.0	.0	.4	.0	.0	5.3
210	.1	.5	.1	.1	.3	.3	.2	.0	.1	.7	.0	.0	.0	.0	.0	.0	2.6
240	.1	.2	.3	.0	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.3
270	.5	.6	.6	.0	.5	.3	.1	.0	.3	.1	.0	.0	.0	.1	.0	.0	3.0
300	1.2	1.3	1.0	.0	2.2	4.0	2.2	.5	.6	1.3	.2	.0	.1	1.6	.0	.0	16.2
330	.1	1.5	1.4	.4	.3	4.8	3.3	1.9	.1	1.9	.3	.0	.0	.6	.0	.0	16.6
360	.1	1.5	.9	.5	.5	3.8	1.1	.2	.0	1.9	.0	.0	.0	.2	.0	.0	10.7
Stille	.0	.4	.0	.0													.4
Total	3.7	13.9	6.6	1.9	8.7	33.2	9.1	3.0	3.3	12.2	.6	.0	.2	3.7	.0	.0	100.0
Forekomst	26.0 %				53.9 %				16.2 %				3.9 %				100.0 %
Vindstyrke	1.3 m/s				3.0 m/s				4.6 m/s				7.1 m/s				3.0 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	15.9 %	62.9 %	16.3 %	4.9 %	100.0 %

Antall obs. : 2171
Manglende obs.: 37

Tabell A5: Månedsvis temperaturstatistikk fra Ås (2 m) våren 1988. Middel-, maksimum- og minimumstemperaturer, antall observasjoner av temperatur under gitte grenser samt midlere døgnfordeling.

Stasjon : AAS
Periode : 01.03.88 - 31.05.88
Parameter: TEMPERATUR 2m
Enhet : GRADER C

MIDDEL-, MAKSIMUM- OG MINIMUMVERDIER

			Maks			Min			Midlere	
Måned	Nobs	Tmidl	T	Dag	Kl	T	Dag	Kl	Tmaks	Tmin
Mar 1988	31	-.4	7.5	18	16	-7.3	*17	06	2.6	-2.8
Apr 1988	30	3.6	13.1	29	14	-3.3	10	03	7.6	.0
Mai 1988	31	12.1	25.0	28	16	2.2	20	04	16.5	7.2

FOREKOMST INNEN GITTE GRENSER

	T < .0		T < 10.0		T < 20.0	
Måned	Døgn	Timer	Døgn	Timer	Døgn	Timer
Mar 1988	25	344	31	738	31	738
Apr 1988	18	91	30	686	30	716
Mai 1988	0	0	26	267	31	682

MIDLERE MÅNEDSVIS DØGNFORDELING

Måned: Mar 1988 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	-1.5	-1.9	-2.3	.1	1.9	1.8	-.1	-.8	
Stand.avvik	2.4	2.6	2.9	2.0	1.9	1.9	1.5	1.8	
Nobs	(31)	(31)	(31)	(30)	(31)	(31)	(31)	(31)	(738)

Måned: Apr 1988 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	1.5	.7	1.8	5.0	6.5	6.7	4.8	2.7	
Stand.avvik	2.1	2.1	1.8	2.4	2.7	3.0	2.7	2.1	
Nobs	(30)	(30)	(30)	(30)	(30)	(29)	(29)	(30)	(716)

Måned: Mai 1988 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	8.9	7.6	10.8	14.3	15.3	15.9	14.3	10.8	
Stand.avvik	3.8	3.5	3.8	4.3	4.5	4.6	4.8	3.9	
Nobs	(30)	(31)	(31)	(31)	(31)	(31)	(31)	(30)	(734)

Tabell A6: Månedsvis relativ fuktighetsstatistikk fra Ås våren 1988. Middel-, maksimum- og minimumsverdier, antall observasjoner av relativ fuktighet under gitte grenser samt midlere døgnfordeling.

Stasjon : AAS
Periode : 01.03.88 - 31.05.88
Parameter: REL.FUKT.
Enhet : PROSENT

MIDDEL-, MAKSIMUM- OG MINIMUMVERDIER

			Maks			Min			Midlere	
Måned	Nobs	RHmidl	RH	Dag	Kl	RH	Dag	Kl	RHmaks	RHmin
Mar 1988	31	.77	.98	3	04	.37	18	16	.85	.67
Apr 1988	30	.72	.96	*15	23	.21	11	16	.86	.59
Mai 1988	31	.73	.98	4	17	.35	18	19	.87	.59

FOREKOMST INNEN GITTE GRENSER

	RH < .30		RH < .75		RH < .95	
Måned	Døgn	Timer	Døgn	Timer	Døgn	Timer
Mar 1988	0	0	19	280	31	732
Apr 1988	2	11	22	347	29	622
Mai 1988	0	0	24	376	31	671

MIDLERE MÅNEDSVIS DØGNFORDELING

Måned: Mar 1988

	Klokkeslett								
	01	04	07	10	13	16	19	22	
Middelverdi	.79	.80	.80	.75	.72	.73	.77	.80	
Stand.avvik	.12	.12	.11	.14	.17	.18	.16	.12	
Nobs	(31)	(31)	(31)	(30)	(31)	(31)	(31)	(31)	(739)

Måned: Apr 1988

	Klokkeslett								
	01	04	07	10	13	16	19	22	
Middelverdi	.80	.79	.76	.68	.65	.66	.72	.76	
Stand.avvik	.16	.16	.16	.20	.21	.22	.22	.19	
Nobs	(30)	(30)	(30)	(30)	(30)	(29)	(29)	(30)	(716)

Måned: Mai 1988

	Klokkeslett								
	01	04	07	10	13	16	19	22	
Middelverdi	.81	.83	.77	.70	.66	.65	.70	.78	
Stand.avvik	.12	.11	.12	.15	.19	.18	.18	.16	
Nobs	(30)	(31)	(31)	(31)	(31)	(31)	(31)	(30)	(736)

Tabell A7: a) Vindfrekvenser (vindrose) fra Ås for mars 1988.
b) Vindfrekvenser (vindrose) fra Ås for april 1988.
c) Vindfrekvenser (vindrose) fra Ås for mai 1988.

Stasjon : AAS
Periode : 01.03.88 - 31.03.88

a)

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	6.7	.0	6.9	13.3	9.7	12.9	12.9	12.9	8.9
60	13.3	13.8	13.8	13.3	9.7	9.7	22.6	12.9	13.4
90	6.7	6.9	3.4	6.7	19.4	12.9	12.9	6.5	9.5
120	6.7	6.9	10.3	13.3	9.7	6.5	3.2	6.5	8.2
150	6.7	3.4	.0	.0	.0	6.5	9.7	3.2	4.6
180	.0	.0	3.4	3.3	9.7	9.7	9.7	3.2	4.3
210	.0	.0	.0	.0	.0	3.2	3.2	3.2	1.4
240	.0	.0	.0	3.3	.0	.0	.0	3.2	.7
270	.0	.0	.0	3.3	3.2	3.2	.0	.0	1.4
300	13.3	27.6	24.1	26.7	16.1	12.9	6.5	12.9	18.3
330	33.3	20.7	24.1	10.0	9.7	3.2	16.1	25.8	16.6
360	13.3	20.7	13.8	6.7	12.9	16.1	3.2	9.7	12.6
Stille	.0	.0	.0	.0	.0	3.2	.0	.0	.3
Ant.obs	(30)	(29)	(29)	(30)	(31)	(31)	(31)	(31)	(723)
Midlere vind m/s	3.0	3.1	3.3	3.2	3.3	3.2	2.8	2.4	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 I	II	III	IV	Total	Nobs	Midlere vind m/s
30	2.2	4.0	1.9	.7	8.9	(64)	3.2
60	3.5	8.4	1.4	.1	13.4	(97)	2.8
90	1.8	6.1	1.5	.1	9.5	(69)	3.0
120	1.7	4.0	2.2	.3	8.2	(59)	3.2
150	.8	1.8	1.1	.8	4.6	(33)	3.9
180	.8	1.4	.8	1.2	4.3	(31)	4.2
210	.7	.7	.0	.0	1.4	(10)	2.2
240	.7	.0	.0	.0	.7	(5)	1.1
270	1.0	.4	.0	.0	1.4	(10)	1.6
300	4.3	10.5	3.0	.4	18.3	(132)	3.0
330	2.8	11.3	2.5	.0	16.6	(120)	2.8
360	3.5	5.9	3.0	.1	12.6	(91)	3.1
Stille					.3	(2)	
Total	23.7	54.6	17.6	3.9	100.0	(723)	
Midlere vind m/s	1.3	3.0	4.6	6.9			3.0

*) Dette tallet angir sentrum av vindsektor

Stasjon : AAS
Periode : 01.04.88 - 30.04.88

b)

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	.0	3.3	3.4	6.7	6.7	6.9	6.9	3.3	6.2
60	3.3	.0	3.4	13.3	6.7	.0	.0	.0	3.6
90	3.3	.0	.0	6.7	6.7	6.9	.0	3.3	2.0
120	10.0	6.7	3.4	10.0	26.7	24.1	13.8	10.0	12.9
150	3.3	3.3	6.9	10.0	3.3	3.4	13.8	10.0	6.3
180	.0	3.3	3.4	3.3	3.3	10.3	13.8	.0	5.6
210	3.3	3.3	.0	.0	3.3	6.9	3.4	6.7	4.5
240	.0	.0	3.4	3.3	3.3	.0	3.4	.0	1.7
270	3.3	.0	.0	6.7	6.7	3.4	10.3	.0	4.2
300	30.0	26.7	24.1	13.3	23.3	6.9	13.8	33.3	20.1
330	30.0	30.0	37.9	20.0	.0	13.8	6.9	16.7	19.5
360	13.3	16.7	13.8	6.7	10.0	17.2	13.8	13.3	12.9
Stille	.0	6.7	.0	.0	.0	.0	.0	3.3	.6
Ant.obs	(30)	(30)	(29)	(30)	(30)	(29)	(29)	(30)	(713)
Midlere vind m/s	3.1	3.0	2.8	3.3	3.9	3.8	3.0	2.8	3.2

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 I	II	III	IV	Total	Nobs	Midlere vind m/s
30	.4	3.6	2.0	.1	6.2	(44)	3.6
60	1.0	1.8	.8	.0	3.6	(26)	2.8
90	.8	.7	.4	.0	2.0	(14)	2.5
120	3.6	8.3	1.0	.0	12.9	(92)	2.6
150	2.4	3.5	.4	.0	6.3	(45)	2.5
180	.4	4.2	.8	.1	5.6	(40)	3.1
210	1.0	1.3	2.2	.0	4.5	(32)	3.5
240	.8	.8	.0	.0	1.7	(12)	2.1
270	2.1	1.5	.3	.3	4.2	(30)	2.6
300	3.1	10.1	2.2	4.6	20.1	(143)	3.9
330	2.7	11.9	3.2	1.7	19.5	(139)	3.5
360	2.1	7.4	2.9	.4	12.9	(92)	3.2
Stille					.6	(4)	
Total	20.5	55.3	16.4	7.3	100.0	(713)	
Midlere vind m/s	1.4	3.0	4.7	7.2			3.2

*) Dette tallet angir sentrum av vindsektor

Stasjon : AAS
Periode : 01.05.88 - 31.05.88

c)

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	6.7	3.2	12.9	12.9	3.2	.0	12.9	3.3	6.7
60	10.0	9.7	6.5	6.5	6.5	3.2	3.2	3.3	6.5
90	3.3	3.2	6.5	.0	9.7	9.7	9.7	23.3	7.6
120	16.7	9.7	6.5	29.0	32.3	29.0	19.4	13.3	20.2
150	3.3	3.2	6.5	16.1	25.8	29.0	16.1	13.3	14.3
180	.0	3.2	.0	3.2	6.5	12.9	19.4	.0	6.0
210	10.0	3.2	.0	.0	.0	3.2	3.2	.0	1.9
240	6.7	3.2	.0	3.2	.0	3.2	.0	.0	1.6
270	.0	.0	3.2	3.2	3.2	.0	6.5	3.3	3.5
300	6.7	12.9	29.0	16.1	9.7	6.5	3.2	6.7	10.5
330	26.7	35.5	12.9	6.5	3.2	.0	6.5	20.0	13.9
360	10.0	12.9	16.1	3.2	.0	3.2	.0	13.3	6.9
Stille	.0	.0	.0	.0	.0	.0	.0	.0	.4
Ant.obs	(30)	(31)	(31)	(31)	(31)	(31)	(31)	(30)	(736)
Midlere vind m/s	2.5	2.5	2.1	2.9	3.3	3.5	2.4	2.1	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 I	II	III	IV	Total	Nobs	Midlere vind m/s
30	2.6	3.5	.5	.0	6.7	(49)	2.2
60	1.4	3.9	1.2	.0	6.5	(48)	2.9
90	2.2	3.9	1.5	.0	7.6	(56)	2.9
120	6.0	11.0	3.1	.1	20.2	(149)	2.8
150	3.1	7.7	3.4	.0	14.3	(105)	3.0
180	2.4	2.6	1.0	.0	6.0	(44)	2.7
210	1.0	.8	.1	.0	1.9	(14)	2.3
240	1.1	.3	.3	.0	1.6	(12)	2.1
270	1.8	.7	1.0	.1	3.5	(26)	2.6
300	3.1	6.1	1.1	.1	10.5	(77)	2.6
330	4.6	7.9	1.2	.1	13.9	(102)	2.6
360	3.3	3.5	.1	.0	6.9	(51)	2.2
Stille					.4	(3)	
Total	32.5	52.0	14.5	.5	100.0	(736)	
Midlere vind m/s	1.3	3.0	4.6	6.1			2.7

*) Dette tallet angir sentrum av vindsektor

Tabell A8: Månedsvis stabilitetsfrekvens (i fire klasser) fordelt over døgnet, basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås:
a) mars 1988 b) april 1988 c) mai 1988

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

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.03.88 - 31.03.88

a)

	Klasser			
Time	I	II	III	IV
01	.0	71.0	19.4	9.7
02	.0	77.4	19.4	3.2
03	.0	74.2	22.6	3.2
04	.0	80.6	19.4	.0
05	.0	77.4	22.6	.0
06	.0	77.4	19.4	3.2
07	.0	74.2	22.6	3.2
08	.0	90.3	9.7	.0
09	23.3	76.7	.0	.0
10	40.0	60.0	.0	.0
11	40.0	60.0	.0	.0
12	45.2	54.8	.0	.0
13	41.9	58.1	.0	.0
14	40.0	60.0	.0	.0
15	33.3	66.7	.0	.0
16	22.6	77.4	.0	.0
17	16.7	80.0	3.3	.0
18	3.2	90.3	6.5	.0
19	.0	87.1	12.9	.0
20	.0	77.4	19.4	3.2
21	.0	80.6	19.4	.0
22	.0	80.6	16.1	3.2
23	.0	71.0	25.8	3.2
24	.0	71.0	22.6	6.5
Total	12.6	74.0	11.8	1.6

Antall obs : 738
Manglende obs: 6

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.04.88 - 30.04.88

b)

Time	Klasser I	II	III	IV
01	.0	63.3	16.7	20.0
02	.0	56.7	26.7	16.7
03	.0	56.7	26.7	16.7
04	.0	63.3	26.7	10.0
05	.0	53.3	40.0	6.7
06	.0	73.3	20.0	6.7
07	.0	83.3	13.3	3.3
08	10.0	86.7	3.3	.0
09	26.7	70.0	3.3	.0
10	50.0	50.0	.0	.0
11	53.3	46.7	.0	.0
12	40.0	60.0	.0	.0
13	46.7	53.3	.0	.0
14	33.3	66.7	.0	.0
15	30.0	70.0	.0	.0
16	24.1	75.9	.0	.0
17	6.9	86.2	6.9	.0
18	3.4	89.7	6.9	.0
19	3.4	86.2	6.9	3.4
20	.0	76.7	20.0	3.3
21	.0	60.0	33.3	6.7
22	.0	56.7	40.0	3.3
23	.0	60.0	20.0	20.0
24	.0	56.7	33.3	10.0
Total	13.7	66.6	14.4	5.3

Antall obs : 716
Manglende obs: 4

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.05.88 - 31.05.88

c)

Time	Klasser I	II	III	IV
01	.0	23.3	46.7	30.0
02	.0	23.3	46.7	30.0
03	.0	20.0	63.3	16.7
04	.0	25.8	51.6	22.6
05	.0	51.6	32.3	16.1
06	.0	71.0	22.6	6.5
07	.0	71.0	25.8	3.2
08	30.0	70.0	.0	.0
09	64.5	35.5	.0	.0
10	74.2	25.8	.0	.0
11	67.7	32.3	.0	.0
12	64.5	35.5	.0	.0
13	54.8	45.2	.0	.0
14	45.2	54.8	.0	.0
15	35.5	64.5	.0	.0
16	25.8	74.2	.0	.0
17	22.6	77.4	.0	.0
18	6.5	93.5	.0	.0
19	6.5	93.5	.0	.0
20	.0	80.0	20.0	.0
21	.0	38.7	54.8	6.5
22	.0	20.0	66.7	13.3
23	.0	23.3	60.0	16.7
24	.0	23.3	53.3	23.3
Total	20.9	49.0	22.4	7.6

Antall obs : 736
Manglende obs: 8

Tabell A9: Frekvens (i %) av vind og stabilitet på Ås:
a) mars 1988 b) april 1988 c) mai 1988

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 : 01.03.88 - 31.03.88
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				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	Rose
30	.0	1.9	.3	.0	.4	3.6	.0	.0	.4	1.5	.0	.0	.0	.7	.0	.0	8.9
60	.0	3.0	.4	.0	.7	7.3	.4	.0	.0	1.4	.0	.0	.0	.1	.0	.0	13.4
90	.3	1.4	.1	.0	.4	5.4	.3	.0	.0	1.5	.0	.0	.0	.1	.0	.0	9.6
120	.7	.6	.4	.0	.6	3.2	.3	.0	.0	2.2	.0	.0	.0	.3	.0	.0	8.2
150	.0	.4	.4	.0	.3	1.5	.0	.0	.0	1.1	.0	.0	.0	.8	.0	.0	4.6
180	.1	.3	.3	.1	.4	1.0	.0	.0	.0	.8	.0	.0	.1	1.1	.0	.0	4.3
210	.3	.4	.0	.0	.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
240	.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
270	.6	.0	.4	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
300	1.9	1.1	1.1	.1	3.2	4.6	2.2	.6	.7	1.9	.4	.0	.0	.4	.0	.0	18.3
330	.3	1.7	.0	.0	.3	7.5	2.9	.7	.0	2.4	.1	.0	.0	.0	.0	.0	16.6
360	.1	2.6	.6	.1	.4	5.4	.0	.0	.0	3.0	.0	.0	.0	.1	.0	.0	12.5
Stille	.0	.3	.0	.0													.3
Total	4.6	13.9	5.1	.4	7.1	40.0	6.2	1.2	1.1	15.9	.6	.0	.1	3.7	.0	.0	100.0
Forekomst	24.0 %				54.6 %				17.6 %				3.9 %				100.0 %
Vindstyrke	1.3 m/s				3.0 m/s				4.6 m/s				6.9 m/s				3.0 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	12.9 %	73.5 %	11.9 %	1.7 %	100.0 %

Antall obs. : 722
Manglende obs.: 22

b) FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.04.88 - 30.04.88
Enhet : Prosent

Vind-retning	.0- 2.0 m/s I	II	III	IV	2.0- 4.0 m/s I	II	III	IV	4.0- 6.0 m/s I	II	III	IV	over 6.0 m/s I	II	III	IV	Rose
30	.1	.3	.0	.0	.6	2.9	.1	.0	.1	1.8	.0	.0	.0	.1	.0	.0	6.2
60	.0	.8	.1	.0	.8	.8	.0	.1	.3	.6	.0	.0	.0	.0	.0	.0	3.6
90	.3	.4	.1	.0	.3	.1	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	2.0
120	.3	3.1	.1	.1	.8	7.2	.1	.1	.1	.8	.0	.0	.0	.0	.0	.0	12.9
150	.1	2.0	.3	.0	.6	2.4	.4	.1	.0	.4	.0	.0	.0	.0	.0	.0	6.3
180	.1	.1	.1	.0	.6	3.4	.1	.1	.3	.6	.0	.0	.0	.1	.0	.0	5.6
210	.1	.6	.3	.0	.6	.3	.4	.0	.1	2.1	.0	.0	.0	.0	.0	.0	4.5
240	.3	.3	.3	.0	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
270	.4	.6	1.1	.0	1.0	.3	.3	.0	.1	.1	.0	.0	.0	.3	.0	.0	4.2
300	.7	1.3	1.1	.0	1.8	4.6	2.9	.7	.4	1.7	.1	.0	.3	4.3	.0	.0	20.1
330	.0	1.4	.7	.6	.3	5.8	3.1	2.8	.0	3.1	.1	.0	.0	1.7	.0	.0	19.5
360	.3	1.1	.3	.4	.7	5.0	1.5	.1	.1	2.8	.0	.0	.0	.4	.0	.0	12.9
Stille	.0	.4	.1	.0													.6
Total	2.8	12.3	4.8	1.1	8.6	33.1	9.4	4.2	2.1	14.0	.3	.0	.3	7.0	.0	.0	100.0
Forekomst		21.0 %				55.3 %				16.4 %				7.3 %			100.0 %
Vindstyrke		1.3 m/s				3.0 m/s				4.7 m/s				7.2 m/s			3.2 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	13.7 %	66.5 %	14.4 %	5.3 %	100.0 %

Antall obs. : 713
Manglende obs.: 7

c) FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.05.88 - 31.05.88
Enhet : Prosent

Vind-retning	.0- 2.0 m/s I	II	III	IV	2.0- 4.0 m/s I	II	III	IV	4.0- 6.0 m/s I	II	III	IV	over 6.0 m/s I	II	III	IV	Rose
30	.3	.8	.5	1.0	1.1	1.4	1.0	.1	.1	.4	.0	.0	.0	.0	.0	.0	6.7
60	.1	.1	.8	.3	.3	2.3	1.4	.0	.7	.5	.0	.0	.0	.0	.0	.0	6.5
90	.1	1.1	.7	.3	1.4	1.9	.7	.0	1.0	.5	.0	.0	.0	.0	.0	.0	7.6
120	.7	3.5	1.4	.4	3.0	7.2	.7	.1	1.6	1.5	.0	.0	.0	.0	.0	.0	20.2
150	.3	2.0	.4	.4	1.5	5.6	.7	.0	.7	2.6	.1	.0	.1	.0	.0	.0	14.3
180	.4	1.9	.1	.0	.5	2.0	.0	.0	.4	.4	.1	.0	.0	.0	.0	.0	6.0
210	.0	.5	.1	.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.9
240	.4	.3	.4	.0	.0	.1	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.6
270	.5	1.1	.1	.0	.1	.5	.0	.0	.7	.3	.0	.0	.0	.1	.0	.0	3.5
300	.8	1.5	.8	.0	1.6	2.9	1.4	.3	.7	.3	.1	.0	.0	.1	.0	.0	10.5
330	.0	1.4	2.6	.7	.4	1.4	3.8	2.3	.4	.3	.5	.0	.0	.1	.0	.0	13.9
360	.0	.7	1.8	.8	.3	1.0	1.8	.5	.0	.0	.1	.0	.0	.0	.0	.0	6.9
Stille	.0	.4	.0	.0													.4
Total	3.7	15.4	9.8	4.1	10.5	26.5	11.5	3.5	6.7	6.8	1.1	.0	.1	.4	.0	.0	100.0
Forekomst		32.9 %				52.0 %				14.5 %				.5 %			100.0 %
Vindstyrke		1.3 m/s				3.0 m/s				4.6 m/s				6.1 m/s			2.7 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	20.9 %	49.0 %	22.4 %	7.6 %	100.0 %

Antall obs. : 736
Manglende obs.: 8

Tabell A10: Horisontal turbulens som funksjon av vindretning, fire vindstyrkeklasser og fire stabilitetsklasser for Ås våren 1988.
a) sigma kort b) sigma kort + lang

a)

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

SIGK : AAS
Periode : 01.03.88 - 31.05.88
Enhet : GRADER

Vind retning	.0- 2.0 m/s I	II	III	IV	2.0- 4.0 m/s I	II	III	IV	4.0- 6.0 m/s I	II	III	IV	over 6.0 m/s I	II	III	IV	Rose
30	52.0	25.1	13.1	12.2	26.3	16.9	9.9	6.1	19.3	16.5	-	-	-	15.7	-	-	18.8
60	67.4	20.4	21.0	11.5	24.1	15.5	13.0	23.0	20.7	16.5	-	-	-	18.4	-	-	17.7
90	39.3	18.3	12.9	23.0	33.2	12.1	8.5	-	19.3	13.2	-	-	-	10.9	-	-	16.9
120	37.3	21.5	18.4	23.6	20.5	11.5	7.8	11.5	12.8	11.7	-	-	13.2	10.9	-	-	15.7
150	53.8	20.8	15.6	13.5	26.7	15.9	8.2	15.1	17.4	14.7	15.8	-	-	14.1	-	-	17.7
180	33.9	21.9	17.9	17.5	19.6	15.8	10.6	24.5	15.2	14.2	15.5	-	13.5	14.1	-	-	17.6
210	21.0	20.9	28.8	29.0	23.3	11.7	12.3	10.2	16.2	11.8	-	-	-	-	-	-	17.2
240	33.5	22.9	29.9	-	23.5	19.1	14.0	-	20.7	-	-	-	-	-	-	-	26.4
270	36.2	24.5	22.6	-	19.8	15.5	9.3	-	19.2	13.6	-	-	-	14.9	-	-	22.6
300	24.0	17.8	19.6	51.6	12.8	8.2	7.7	5.9	12.7	11.7	7.9	-	12.7	12.7	-	-	12.3
330	22.0	13.9	16.1	13.0	25.3	9.7	6.6	5.2	16.0	11.3	4.6	-	-	12.1	-	-	10.2
360	33.1	15.6	13.9	24.0	26.1	14.1	9.2	5.8	17.7	15.0	11.3	-	-	14.0	-	-	14.9
Stille	-	38.3	23.1	-													36.6
Middel	33.0	20.2	18.2	18.9	21.4	12.8	8.2	6.4	16.4	13.5	7.8	-	13.0	13.2	-	-	15.4
Konsentr.		21.4				13.1				13.9				13.2			

Middelverdi for ulike stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV
Konsentr.	22.9	14.6	12.2	11.2

Antall obs. : 2171
Manglende obs.: 37

b)

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

SIGKL : AAS
Periode : 01.03.88 - 31.05.88
Enhet : GRADER

Vind-retning	.0- 2.0 m/s I	II	III	IV	2.0- 4.0 m/s I	II	III	IV	4.0- 6.0 m/s I	II	III	IV	over 6.0 m/s I	II	III	IV	Rose
30	81.1	35.1	24.5	19.1	31.4	18.7	11.5	26.4	20.4	17.5	-	-	-	16.0	-	-	23.1
60	101.5	27.8	31.8	28.5	26.6	16.7	15.2	27.5	22.2	17.2	-	-	-	18.7	-	-	21.1
90	45.9	24.6	23.9	54.3	40.9	13.7	13.1	-	21.5	14.2	-	-	-	11.8	-	-	21.1
120	55.6	31.3	32.0	32.8	25.6	13.7	10.9	17.9	13.8	12.4	-	-	14.2	11.1	-	-	20.5
150	62.9	26.6	28.6	19.9	35.3	18.7	11.8	21.3	18.7	16.8	24.1	-	-	14.4	-	-	22.1
180	54.8	29.6	29.1	32.2	23.7	19.4	14.9	31.1	16.9	15.8	16.9	-	14.1	14.4	-	-	22.4
210	27.4	35.5	61.8	50.2	28.6	13.0	17.1	10.7	16.8	13.1	-	-	-	-	-	-	24.6
240	55.2	37.2	44.7	-	28.5	20.3	22.2	-	22.3	-	-	-	-	-	-	-	38.9
270	49.6	38.1	33.8	-	22.1	18.0	10.9	-	22.1	19.2	-	-	-	15.8	-	-	30.5
300	29.2	29.4	34.3	61.7	14.7	10.2	11.6	11.8	14.1	12.9	10.0	-	13.3	13.4	-	-	16.2
330	27.4	21.7	27.1	18.9	30.5	12.4	9.2	8.5	17.9	12.6	5.6	-	-	12.6	-	-	13.9
360	43.6	21.6	23.2	34.3	29.0	16.0	12.5	9.7	21.3	16.1	11.7	-	-	14.5	-	-	18.9
Stille	-	64.3	44.1														62.1
Middel	45.3	29.6	30.6	29.2	25.7	15.0	11.4	10.6	18.1	14.8	9.8	-	13.7	13.8	-	-	19.9
Konsentr.		32.0				15.9				15.3				13.8			

Middelverdi for ulike stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV
Konsentr.	28.5	18.1	19.0	17.8

Antall obs. : 2168
Manglende obs.: 40

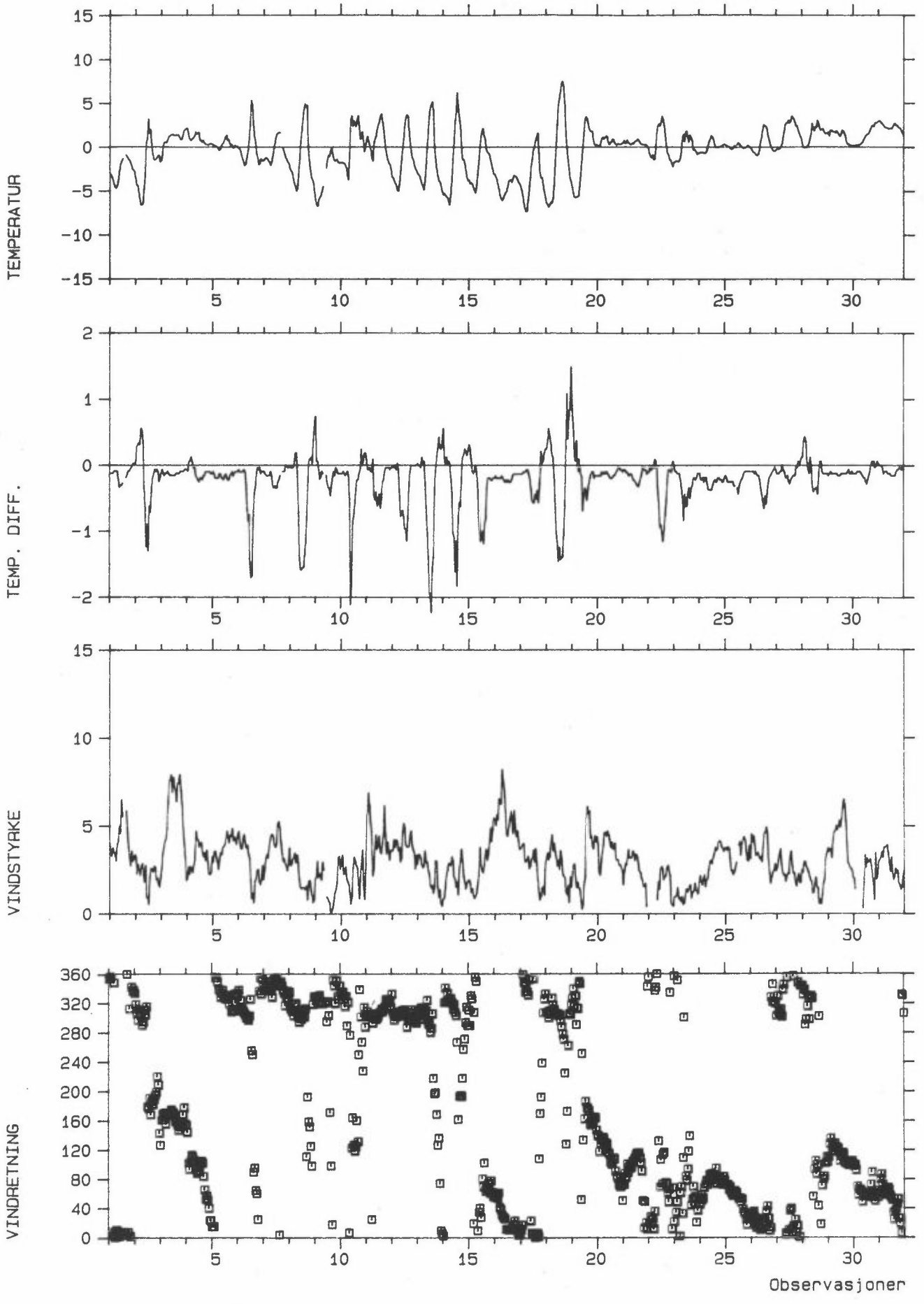
VEDLEGG B

Grafisk fremstilling av tidsforløpet av:

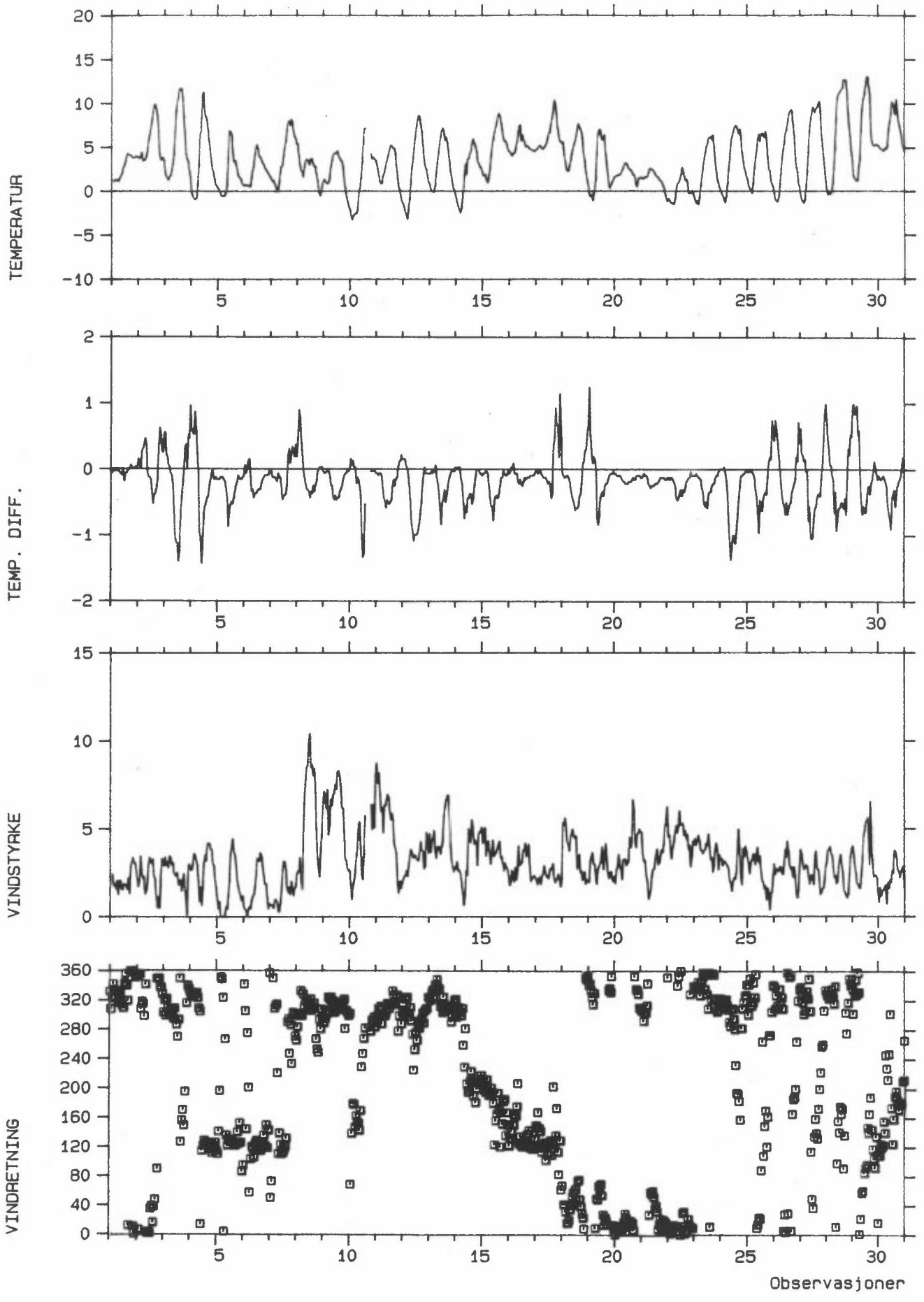
Temperatur	(2 m)	(^{0}C)
Temperatur differanse	(25-10 m)	(^{0}C)
Vindhastighet	(25 m)	(m/s)
Vindretning	(25 m)	(grader)

for månedene mars, april og mai 1988 ved Ås.

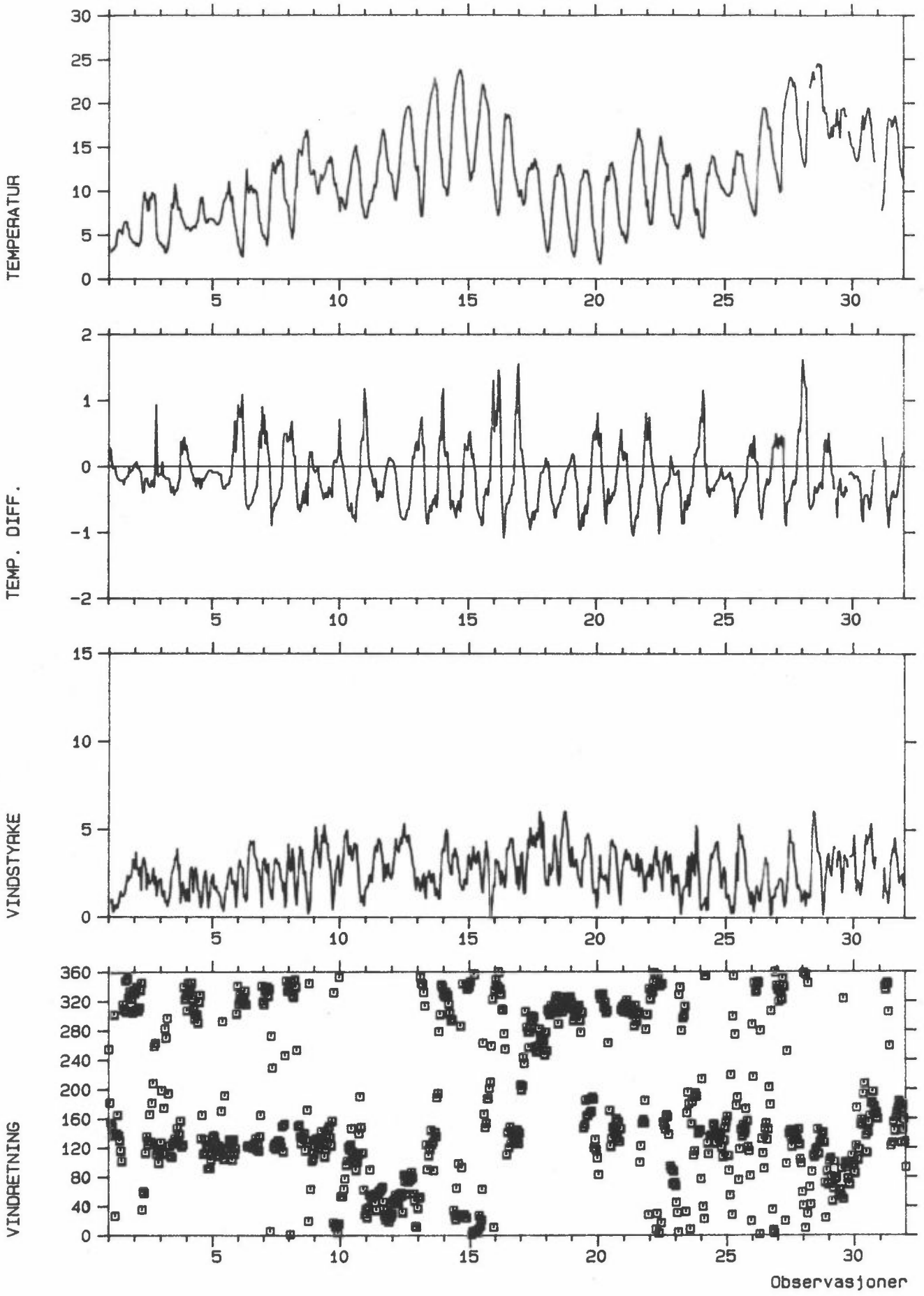
Stasjon: ÅS
Måned : MARS 1988



Stasjon: ÅS
Måned : APRIL 1988



Stasjon: ÅS
Måned : MAI 1988



VEDLEGG C

Liste over timesmidlede meteorologiske data
fra Ås.

Våren 1988 (01.03.88-31.05.88).

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 (^{0}C) 25 m over bakken ved Ås
8. T-2 = lufttemperatur (^{0}C) 2 m over bakken ved Ås
9. DT = temperaturforskjell (^{0}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	3	88	1	354.	4.0	10.6	9.8	13.3	14.1	-3.0	-3.0	-.12	.63
1	3	88	2	357.	3.6	8.2	7.6	14.5	15.2	-3.2	-3.2	-.12	.60
1	3	88	3	356.	3.3	8.0	7.6	12.7	13.2	-3.4	-3.4	-.12	.59
1	3	88	4	8.	3.7	11.8	11.0	13.8	14.3	-3.7	-3.7	-.12	.61
1	3	88	5	4.	3.5	7.6	6.8	12.5	13.6	-4.2	-4.3	-.09	.63
1	3	88	6	349.	3.4	7.4	6.8	12.6	12.9	-4.5	-4.6	-.09	.64
1	3	88	7	1.	3.0	8.2	7.6	14.0	15.1	-4.5	-4.7	-.09	.64
1	3	88	8	11.	3.9	8.6	8.0	11.6	12.1	-4.4	-4.4	-.09	.61
1	3	88	9	10.	4.1	10.2	9.2	13.1	13.6	-4.0	-3.8	-.22	.58
1	3	88	10	6.	5.0	10.4	10.2	15.1	15.4	-3.1	-2.7	-.34	.55
1	3	88	11	3.	4.6	9.8	9.2	13.6	14.2	-2.4	-2.0	-.31	.56
1	3	88	12	8.	6.5	13.2	12.2	14.4	15.1	-2.0	-1.7	-.31	.55
1	3	88	13	8.	5.5	11.4	10.6	14.6	15.3	-1.8	-1.4	-.28	.60
1	3	88	14	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
1	3	88	15	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
1	3	88	16	8.	5.9	11.4	11.0	14.5	15.6	-1.1	-1.0	-.19	.68
1	3	88	17	4.	4.7	10.2	9.6	14.5	15.1	-1.2	-1.1	-.16	.65
1	3	88	18	0.	3.8	9.4	9.2	15.6	15.8	-1.3	-1.4	-.09	.64
1	3	88	19	8.	3.2	9.4	9.0	13.1	14.6	-1.4	-1.5	-.09	.62
1	3	88	20	314.	2.8	5.8	5.4	14.5	22.5	-1.5	-1.7	-.06	.64
1	3	88	21	3.	3.6	7.4	6.8	9.7	14.9	-1.8	-2.1	-.03	.64
1	3	88	22	343.	3.0	6.4	6.0	8.3	10.8	-2.1	-2.5	.00	.66
1	3	88	23	337.	3.2	5.8	5.4	8.0	10.5	-2.2	-2.6	.03	.66
1	3	88	24	339.	3.4	6.0	5.8	9.0	9.9	-2.4	-2.8	.00	.64
2	3	88	1	335.	3.3	4.6	4.4	6.0	7.6	-3.0	-3.5	.03	.63
2	3	88	2	319.	2.3	3.8	3.4	8.3	15.8	-3.3	-4.3	.28	.65
2	3	88	3	307.	2.8	4.0	4.0	4.2	9.5	-3.9	-4.4	.31	.72
2	3	88	4	298.	2.5	3.6	3.4	5.4	7.4	-4.7	-5.2	.34	.76
2	3	88	5	312.	2.2	3.4	3.4	5.8	13.7	-5.5	-5.9	.31	.80
2	3	88	6	307.	2.7	3.8	3.6	4.9	7.8	-6.2	-6.6	.56	.78
2	3	88	7	304.	2.9	4.2	4.0	3.7	9.6	-6.0	-6.6	.53	.78
2	3	88	8	291.	2.3	3.2	2.8	5.8	7.6	-6.3	-6.4	.37	.84
2	3	88	9	295.	1.8	3.6	3.4	8.1	11.2	-5.3	-4.9	-.34	.78
2	3	88	10	311.	2.8	4.0	3.8	6.7	9.6	-4.1	-3.4	-.62	.70
2	3	88	11	305.	1.0	1.8	1.6	15.8	20.6	-.5	.4	-1.24	.61
2	3	88	12	316.	1.0	2.0	1.8	16.2	19.0	.1	.9	-.90	.59
2	3	88	13	180.	.6	2.4	2.2	35.6	68.9	2.3	3.2	-1.30	.52
2	3	88	14	177.	2.1	4.4	4.2	16.5	18.4	.7	1.6	-.62	.51
2	3	88	15	191.	2.6	4.8	4.6	14.5	15.8	.9	2.0	-.71	.53
2	3	88	16	169.	2.5	4.2	4.0	13.0	14.3	.0	.5	-.40	.52
2	3	88	17	187.	2.4	4.2	4.0	11.4	12.5	-.9	-.8	-.19	.54
2	3	88	18	183.	2.7	4.6	4.4	9.9	10.5	-1.2	-1.4	-.12	.60
2	3	88	19	190.	2.7	4.6	4.4	8.6	9.1	-1.2	-1.5	-.06	.63
2	3	88	20	195.	2.0	3.4	3.2	9.0	9.2	-1.0	-1.4	-.09	.65
2	3	88	21	200.	2.0	4.0	3.8	11.1	13.0	-.9	-1.2	-.06	.71
2	3	88	22	221.	1.7	4.4	3.8	12.5	15.1	-.7	-1.0	-.09	.76
2	3	88	23	209.	1.6	4.0	3.8	19.7	23.1	-.9	-1.0	-.25	.75
2	3	88	24	143.	2.0	3.8	3.6	16.0	22.3	-1.7	-1.7	-.19	.88
3	3	88	1	127.	2.5	4.2	4.0	10.9	13.4	-1.6	-1.6	-.12	.89
3	3	88	2	162.	3.4	5.8	5.4	11.2	16.7	-1.1	-1.1	-.06	.89
3	3	88	3	170.	3.8	7.6	7.2	13.3	14.1	.3	.3	-.12	.95
3	3	88	4	162.	4.1	7.6	7.0	13.4	13.8	.5	.5	-.16	.98
3	3	88	5	172.	4.3	8.6	8.2	14.0	14.7	.5	.6	-.12	.97
3	3	88	6	156.	4.8	9.2	8.8	14.3	15.1	.5	.5	-.12	.95
3	3	88	7	170.	6.3	12.8	12.2	14.5	15.2	.7	.8	-.09	.94
3	3	88	8	172.	7.7	15.2	14.2	13.5	13.6	1.1	1.2	-.12	.93
3	3	88	9	169.	7.6	15.6	15.2	13.9	14.1	1.2	1.2	-.16	.95
3	3	88	10	170.	7.9	14.0	13.2	13.3	13.3	1.3	1.4	-.16	.95
3	3	88	11	176.	7.0	13.4	13.0	14.3	14.6	1.3	1.4	-.16	.97
3	3	88	12	173.	7.8	15.0	14.0	14.1	14.2	1.4	1.4	-.16	.93
3	3	88	13	172.	7.2	13.4	12.6	14.7	14.8	1.2	1.3	-.16	.93
3	3	88	14	169.	7.1	14.4	13.8	13.6	13.8	1.2	1.3	-.16	.92
3	3	88	15	160.	6.4	13.0	12.6	14.6	15.1	1.3	1.4	-.12	.92
3	3	88	16	159.	7.5	14.6	13.8	14.5	14.7	1.3	1.4	-.12	.92
3	3	88	17	155.	7.5	14.4	14.0	14.4	14.5	1.3	1.4	-.12	.92
3	3	88	18	148.	8.0	16.0	15.0	13.4	13.6	1.0	1.1	-.12	.91
3	3	88	19	155.	7.1	14.2	13.6	13.5	13.8	.8	.9	-.09	.91
3	3	88	20	152.	6.2	13.0	11.8	14.2	14.3	.8	.9	-.09	.92
3	3	88	21	153.	4.9	10.6	10.2	14.0	14.1	1.2	1.2	-.09	.92
3	3	88	22	169.	4.0	9.2	8.6	15.0	16.2	1.8	1.8	-.09	.93
3	3	88	23	179.	3.2	6.2	6.0	12.7	14.5	2.0	2.0	-.06	.94
3	3	88	24	156.	1.9	3.8	3.4	12.4	15.5	2.1	2.1	-.06	.93

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	3	88	1	155.	2.0	3.8	3.4	12.4	13.3	2.2	2.2	-.06	.93
4	3	88	2	145.	2.7	4.8	4.6	11.3	14.3	1.8	1.8	-.09	.92
4	3	88	3	103.	2.3	4.2	4.0	8.4	13.7	1.1	1.0	.06	.97
4	3	88	4	94.	2.7	4.0	3.8	4.2	8.3	.9	.9	.06	.97
4	3	88	5	105.	2.6	3.6	3.4	5.1	6.1	.8	.8	.12	.93
4	3	88	6	114.	2.4	4.0	3.8	12.2	13.0	1.0	1.0	.06	.93
4	3	88	7	111.	2.8	4.6	4.4	9.0	10.5	1.0	1.1	-.03	.93
4	3	88	8	107.	3.1	6.2	5.6	10.1	11.7	1.2	1.2	-.03	.89
4	3	88	9	105.	4.7	8.2	7.6	11.1	11.2	1.6	1.7	-.16	.90
4	3	88	10	97.	4.3	8.0	7.4	11.4	11.9	1.4	1.5	-.19	.89
4	3	88	11	89.	4.2	7.8	7.2	12.3	12.5	1.4	1.6	-.22	.85
4	3	88	12	91.	3.9	7.8	7.4	13.6	14.0	1.5	1.7	-.25	.86
4	3	88	13	97.	4.0	7.6	7.0	12.4	13.8	.7	.8	-.19	.91
4	3	88	14	103.	4.1	7.6	7.2	12.3	13.0	.7	.8	-.19	.91
4	3	88	15	105.	3.5	7.6	7.2	13.3	14.9	.5	.6	-.22	.90
4	3	88	16	103.	3.3	7.6	7.4	11.0	13.1	.6	.7	-.16	.90
4	3	88	17	84.	3.5	6.0	5.8	11.6	12.8	.4	.5	-.16	.90
4	3	88	18	66.	3.1	6.0	5.4	15.9	18.1	.2	.3	-.09	.90
4	3	88	19	53.	3.7	7.0	6.4	14.2	16.8	.2	.3	-.09	.95
4	3	88	20	58.	3.0	6.4	6.0	14.1	14.4	.2	.3	-.09	.95
4	3	88	21	52.	2.3	4.8	4.6	15.2	15.8	.2	.3	-.09	.93
4	3	88	22	41.	2.3	4.6	4.4	17.3	18.1	.2	.3	-.09	.93
4	3	88	23	24.	2.4	4.6	4.2	15.6	18.2	.3	.4	-.12	.91
4	3	88	24	24.	3.3	6.4	6.0	12.7	13.3	.3	.4	-.12	.90
5	3	88	1	15.	3.0	5.2	5.0	11.7	12.3	.2	.3	-.09	.94
5	3	88	2	15.	3.6	7.6	7.4	13.7	13.9	.1	.3	-.12	.94
5	3	88	3	15.	3.6	6.4	6.0	12.3	13.0	.1	.2	-.19	.91
5	3	88	4	356.	3.3	6.2	5.8	10.5	14.5	.0	.1	-.19	.89
5	3	88	5	356.	3.0	6.0	5.4	10.2	11.0	-.1	.0	-.19	.89
5	3	88	6	350.	2.6	4.8	4.2	10.2	11.1	-.2	-.1	-.19	.88
5	3	88	7	340.	3.1	6.6	6.4	11.2	11.8	-.4	-.4	-.12	.84
5	3	88	8	339.	3.5	6.6	6.2	11.3	11.5	-.4	-.3	-.12	.83
5	3	88	9	329.	3.4	6.4	6.0	11.1	11.8	-.1	.1	-.19	.82
5	3	88	10	335.	3.8	7.0	6.8	10.5	10.7	.2	.4	-.19	.82
5	3	88	11	339.	3.9	7.6	7.0	11.2	11.9	.3	.5	-.22	.81
5	3	88	12	332.	4.0	7.0	7.0	10.8	11.7	.5	.8	-.16	.79
5	3	88	13	328.	4.3	9.2	8.6	9.6	10.3	.9	1.2	-.12	.77
5	3	88	14	332.	4.8	8.8	8.0	10.3	10.6	1.1	1.4	-.19	.76
5	3	88	15	326.	4.4	9.4	8.4	10.4	12.9	.6	.8	-.22	.82
5	3	88	16	332.	4.1	7.4	6.8	11.1	12.0	.6	.9	-.22	.82
5	3	88	17	321.	4.5	8.2	7.6	10.6	13.7	.3	.5	-.16	.82
5	3	88	18	332.	4.4	9.2	8.6	10.2	12.7	.1	.1	-.12	.82
5	3	88	19	309.	4.9	9.0	8.6	10.6	13.4	.2	.3	-.09	.78
5	3	88	20	312.	4.2	7.0	6.8	12.8	14.0	-.1	.0	-.16	.81
5	3	88	21	311.	4.4	8.0	7.8	11.3	13.2	-.2	-.1	-.12	.81
5	3	88	22	333.	4.2	8.6	7.6	11.4	16.2	.1	.2	-.09	.80
5	3	88	23	322.	4.0	7.6	7.4	11.2	11.5	.0	.1	-.09	.80
5	3	88	24	335.	4.5	8.2	7.6	9.3	11.8	.0	.1	-.09	.80
6	3	88	1	332.	4.7	8.0	7.4	9.6	9.7	-.1	.0	-.06	.77
6	3	88	2	339.	4.1	8.6	8.4	11.3	12.5	-.2	-.2	-.09	.76
6	3	88	3	311.	3.8	6.6	6.2	8.9	13.4	-.4	-.4	-.09	.75
6	3	88	4	325.	3.7	6.4	6.2	9.1	11.1	-.8	-.9	-.09	.74
6	3	88	5	314.	4.3	7.2	6.6	8.2	10.6	-1.3	-1.4	-.09	.73
6	3	88	6	311.	4.5	7.0	6.6	6.7	7.6	-1.7	-1.8	-.06	.72
6	3	88	7	308.	4.0	5.8	5.6	8.4	9.6	-2.0	-2.1	-.09	.78
6	3	88	8	305.	3.8	5.6	5.4	6.0	6.3	-2.1	-2.0	-.28	.79
6	3	88	9	301.	3.9	6.4	6.0	7.8	8.0	-1.7	-1.3	-.65	.78
6	3	88	10	302.	3.5	5.2	5.0	8.1	8.1	-1.0	-.5	-.84	.74
6	3	88	11	298.	3.2	5.6	5.2	8.3	11.1	-.1	.7	-.75	.72
6	3	88	12	304.	2.1	3.4	3.0	10.0	11.3	1.7	2.5	-1.46	.67
6	3	88	13	326.	.9	2.2	1.8	27.9	35.8	4.2	5.3	-1.71	.65
6	3	88	14	256.	1.2	2.4	2.4	20.3	27.2	3.6	4.8	-1.68	.65
6	3	88	15	250.	.7	2.0	1.8	23.7	26.8	2.1	2.5	-.84	.74
6	3	88	16	90.	1.9	4.8	4.4	44.2	99.0	1.0	1.2	-.43	.81
6	3	88	17	96.	2.0	3.6	3.2	9.9	10.1	.4	.5	-.34	.83
6	3	88	18	65.	2.5	4.2	4.0	8.3	14.0	-.6	-.8	-.12	.83
6	3	88	19	60.	2.6	4.2	4.0	9.8	10.6	-1.1	-1.3	-.03	.84
6	3	88	20	25.	1.9	4.2	3.8	12.3	16.0	-1.3	-2.0	-.06	.86
6	3	88	21	337.	1.7	3.2	2.8	7.6	18.7	-1.3	-1.9	-.03	.80
6	3	88	22	356.	1.9	4.4	3.8	9.7	10.8	-1.1	-1.4	-.12	.78
6	3	88	23	333.	2.8	4.8	4.6	9.7	16.0	-1.3	-1.4	-.09	.78
6	3	88	24	354.	2.0	3.4	3.2	5.6	8.7	-1.3	-1.6	-.09	.78

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	3	88	1	343.	2.5	4.8	4.6	9.0	9.8	-1.3	-1.5	-.09	.79
7	3	88	2	339.	3.1	5.2	4.8	8.2	9.0	-1.2	-1.3	-.12	.79
7	3	88	3	339.	3.4	6.6	6.0	8.9	9.3	-1.1	-1.2	-.16	.76
7	3	88	4	346.	3.2	6.6	6.4	12.7	12.8	-1.3	-1.3	-.16	.76
7	3	88	5	350.	3.8	8.2	7.8	11.2	11.3	-1.5	-1.6	-.16	.76
7	3	88	6	343.	4.2	9.2	8.2	11.2	11.9	-1.7	-1.7	-.16	.75
7	3	88	7	342.	4.5	9.6	9.2	12.7	13.0	-2.0	-2.1	-.09	.72
7	3	88	8	337.	4.5	10.0	9.4	14.5	14.9	-1.8	-1.7	-.16	.70
7	3	88	9	329.	4.4	8.6	8.0	12.7	14.3	-1.3	-1.0	-.31	.70
7	3	88	10	344.	3.9	8.6	7.8	14.5	15.7	-.6	-.1	-.34	.67
7	3	88	11	353.	3.8	8.0	7.8	15.2	16.4	.0	.4	-.31	.63
7	3	88	12	351.	4.0	10.0	9.4	20.0	20.6	.5	1.1	-.34	.61
7	3	88	13	356.	5.1	9.8	9.4	14.9	16.0	.9	1.5	-.34	.59
7	3	88	14	349.	5.3	10.6	9.6	13.3	13.8	1.1	1.6	-.25	.60
7	3	88	15	347.	4.9	9.6	9.4	12.2	12.5	1.2	1.7	-.22	.60
7	3	88	16	4.	4.1	8.2	8.4	13.2	14.1	1.3	1.6	-.16	.61
7	3	88	17	350.	3.5	8.4	7.6	12.5	13.0	1.0	99.0	99.00	.61
7	3	88	18	344.	3.0	6.8	6.0	13.5	14.7	.3	.0	-.09	.62
7	3	88	19	339.	3.2	6.4	6.0	12.7	13.3	-.1	-.4	-.09	.63
7	3	88	20	335.	2.9	6.0	5.8	13.0	13.7	-.5	-.8	-.09	.63
7	3	88	21	318.	2.7	4.8	4.6	10.7	12.0	-.9	-1.2	.00	.65
7	3	88	22	328.	2.5	4.2	4.0	10.6	12.9	-1.0	-1.5	.00	.64
7	3	88	23	337.	2.9	5.8	5.4	10.8	11.8	-1.3	-1.7	-.03	.65
7	3	88	24	326.	3.8	6.4	6.0	8.2	9.1	-1.6	-1.9	-.03	.63
8	3	88	1	336.	2.8	5.2	5.0	10.0	11.8	-2.1	-2.4	-.03	.66
8	3	88	2	314.	2.8	4.2	4.0	7.7	8.7	-2.3	-2.7	-.03	.66
8	3	88	3	311.	3.1	4.8	4.6	9.1	9.7	-2.6	-2.9	-.03	.66
8	3	88	4	309.	3.2	4.6	4.4	5.6	6.1	-3.2	-3.5	-.03	.67
8	3	88	5	304.	3.5	5.4	5.0	5.4	5.8	-3.9	-4.1	.00	.68
8	3	88	6	321.	2.9	4.6	4.4	5.3	8.0	-4.2	-4.5	.19	.70
8	3	88	7	321.	3.4	4.2	4.0	4.7	6.1	-4.6	-5.0	.19	.75
8	3	88	8	311.	3.0	4.2	4.0	5.3	9.3	-4.7	-4.8	-.12	.71
8	3	88	9	302.	2.0	3.4	3.2	5.1	6.4	-3.8	-3.3	-.68	.68
8	3	88	10	295.	1.6	2.6	2.4	9.1	9.8	-2.2	-1.3	-1.40	.65
8	3	88	11	308.	1.5	2.6	2.4	10.9	14.0	-.2	.5	-1.58	.59
8	3	88	12	299.	1.5	2.8	2.6	19.0	19.5	1.4	1.9	-1.58	.55
8	3	88	13	305.	1.5	3.6	3.4	20.0	21.6	2.3	3.1	-1.55	.53
8	3	88	14	312.	1.4	3.2	3.0	34.9	40.1	3.4	4.3	-1.55	.50
8	3	88	15	302.	1.4	3.2	3.0	17.3	19.8	3.7	4.9	-1.37	.48
8	3	88	16	314.	1.6	3.2	3.0	11.1	12.3	3.5	4.6	-1.18	.46
8	3	88	17	111.	.8	2.2	2.2	54.9	93.3	3.9	4.8	-.81	.44
8	3	88	18	193.	1.9	3.6	3.4	10.1	23.5	.6	.2	-.25	.55
8	3	88	19	159.	1.9	2.8	2.6	14.3	24.3	-1.0	-1.6	.09	.65
8	3	88	20	152.	1.4	3.2	3.0	13.4	19.9	-1.7	-2.6	.09	.69
8	3	88	21	125.	1.1	2.2	2.0	12.2	15.6	-1.8	-3.5	.12	.73
8	3	88	22	98.	.7	1.6	1.4	17.8	32.6	-2.0	-3.8	.03	.77
8	3	88	23	319.	.8	1.6	1.6	30.7	58.8	-3.0	-4.1	.37	.80
8	3	88	24	330.	2.0	3.0	6.0	3.4	9.0	-4.4	-5.2	.65	.83
9	3	88	1	329.	2.1	3.6	3.4	5.4	7.8	-5.3	-6.1	.75	.75
9	3	88	2	329.	3.0	4.4	4.2	5.4	6.7	-6.1	-6.6	.06	.73
9	3	88	3	330.	2.1	3.2	3.0	7.0	8.8	-6.1	-6.8	.06	.76
9	3	88	4	321.	2.3	4.2	4.0	7.8	10.3	-5.7	-6.0	-.06	.76
9	3	88	5	332.	2.2	4.0	3.8	8.2	10.7	-5.7	-5.8	-.22	.81
9	3	88	6	323.	2.0	3.6	3.6	8.3	10.5	-5.5	-5.5	-.19	.82
9	3	88	7	323.	3.0	4.4	4.2	12.3	13.5	-5.2	-5.1	-.09	.80
9	3	88	8	321.	2.5	4.4	4.2	9.3	11.0	-4.7	-4.5	-.12	.79
9	3	88	9	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
9	3	88	10	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
9	3	88	11	322.	1.0	2.0	1.8	11.5	12.5	-3.0	-2.4	-.16	.90
9	3	88	12	295.	.9	1.6	1.4	11.8	16.1	-2.1	-1.5	-.28	.88
9	3	88	13	323.	.7	1.6	1.6	12.8	15.8	-1.6	-1.0	-.34	.90
9	3	88	14	304.	.6	1.4	1.2	8.8	10.9	-1.5	-1.1	-.34	.90
9	3	88	15	172.	.0	.4	.2	31.0	54.8	-.4	-.4	-.47	.87
9	3	88	16	98.	.1	1.0	.8	37.6	46.9	-.3	-.1	-.31	.90
9	3	88	17	18.	.3	1.2	1.0	39.6	45.8	-1.0	-.8	-.19	.92
9	3	88	18	353.	.7	1.8	1.6	13.9	25.3	-1.5	-1.3	-.09	.91
9	3	88	19	344.	1.2	2.6	2.6	10.9	14.8	-1.7	-1.6	-.16	.90
9	3	88	20	321.	1.4	3.0	2.8	11.5	18.6	-1.6	-1.5	-.03	.90
9	3	88	21	351.	1.8	3.8	3.6	12.7	18.2	-1.5	-1.4	-.06	.93
9	3	88	22	330.	3.2	5.4	5.2	8.3	10.6	-1.9	-1.7	-.12	.91
9	3	88	23	326.	3.3	5.6	5.2	8.9	13.9	-1.9	-1.8	-.12	.90
9	3	88	24	344.	2.6	5.0	4.6	9.1	14.5	-1.9	-1.8	-.12	.88

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	3	88	1	336.	2.9	5.0	4.6	9.3	10.3	-1.9	-1.8	-.12	.86
10	3	88	2	335.	3.3	5.4	5.2	8.9	9.3	-1.9	-1.8	-.12	.85
10	3	88	3	336.	2.3	4.8	4.4	9.3	11.3	-1.9	-1.8	-.09	.84
10	3	88	4	330.	2.3	3.6	3.4	7.4	10.7	-2.0	-1.9	-.12	.84
10	3	88	5	316.	2.7	4.0	3.8	7.6	9.0	-2.2	-2.1	-.16	.86
10	3	88	6	330.	2.0	3.2	3.0	7.3	8.8	-2.4	-2.4	-.12	.84
10	3	88	7	290.	1.8	2.8	2.8	8.3	12.8	-3.1	-3.2	-.09	.83
10	3	88	8	322.	1.7	3.2	3.0	8.3	16.5	-3.6	-3.7	-.16	.83
10	3	88	9	7.	1.2	2.6	2.4	23.5	29.0	-2.0	-1.1	-.50	.77
10	3	88	10	277.	.6	2.2	2.0	52.9	97.4	2.6	3.0	-2.11	.70
10	3	88	11	124.	1.0	3.4	3.2	39.1	99.0	2.7	3.5	-1.83	.71
10	3	88	12	165.	2.6	4.2	4.0	13.0	21.8	1.7	2.3	-.87	.77
10	3	88	13	128.	3.2	5.8	5.6	12.3	17.6	2.3	3.0	-.78	.81
10	3	88	14	120.	3.0	4.6	4.6	9.9	10.6	2.2	2.6	-.59	.85
10	3	88	15	125.	2.8	4.6	4.4	9.5	9.9	2.2	2.3	-.37	.86
10	3	88	16	160.	2.6	4.6	4.4	12.0	18.2	2.9	3.1	-.22	.88
10	3	88	17	132.	1.8	4.8	4.6	19.4	25.6	3.4	3.6	-.22	.89
10	3	88	18	250.	.9	2.2	2.0	23.8	46.7	2.9	2.5	-.12	.92
10	3	88	19	339.	2.1	4.4	4.2	15.5	26.0	1.4	.9	-.06	.94
10	3	88	20	302.	2.9	5.4	5.0	10.9	13.1	1.6	1.0	.25	.83
10	3	88	21	267.	3.6	6.2	6.0	11.6	15.6	2.0	1.7	.00	.71
10	3	88	22	228.	1.7	4.8	4.6	32.0	38.1	1.3	.7	.06	.73
10	3	88	23	315.	.8	3.2	3.0	55.5	99.0	.7	-.5	.19	.76
10	3	88	24	288.	2.7	5.6	5.2	9.9	14.3	.5	.0	.19	.74
11	3	88	1	302.	5.2	11.4	11.0	12.7	13.0	1.0	.8	.09	.67
11	3	88	2	309.	6.9	12.0	11.6	10.1	11.0	1.3	1.2	-.06	.60
11	3	88	3	304.	6.2	10.2	9.4	9.6	9.9	.8	.6	-.06	.57
11	3	88	4	302.	5.3	9.6	9.2	10.0	11.4	.4	.2	-.03	.54
11	3	88	5	305.	4.7	10.0	9.4	12.7	13.0	-.1	-.3	-.09	.53
11	3	88	6	25.	2.2	6.8	6.4	23.7	33.6	-.7	-1.3	-.09	.54
11	3	88	7	294.	2.5	7.0	6.8	20.5	30.9	-1.0	-1.6	.09	.53
11	3	88	8	301.	3.7	6.6	6.4	11.9	12.6	.2	.5	-.47	.52
11	3	88	9	307.	4.5	8.6	8.2	11.0	11.7	.7	1.0	-.53	.51
11	3	88	10	299.	3.7	8.4	7.8	11.2	11.8	1.0	1.2	-.40	.54
11	3	88	11	301.	3.9	6.6	6.4	9.1	9.5	1.6	2.0	-.62	.51
11	3	88	12	304.	4.5	8.0	7.4	12.7	13.1	2.1	2.5	-.59	.50
11	3	88	13	308.	3.6	7.4	7.0	11.5	12.3	2.4	2.8	-.43	.50
11	3	88	14	309.	3.5	7.2	7.0	17.8	18.8	3.2	3.6	-.65	.49
11	3	88	15	314.	4.0	8.0	7.4	12.6	13.1	3.4	3.8	-.50	.47
11	3	88	16	309.	4.5	7.6	7.6	10.4	11.5	2.8	2.9	-.25	.45
11	3	88	17	312.	6.2	11.2	10.6	10.6	11.6	2.0	2.1	-.22	.49
11	3	88	18	316.	4.5	8.4	8.0	11.6	11.8	.9	.8	-.09	.48
11	3	88	19	326.	3.4	7.4	6.8	9.8	11.5	.1	-.3	-.03	.49
11	3	88	20	325.	4.1	7.0	6.6	8.9	9.1	-.6	-1.0	-.03	.49
11	3	88	21	326.	3.6	6.4	6.0	9.3	9.9	-1.2	-1.5	-.03	.50
11	3	88	22	325.	3.1	5.4	5.2	9.3	9.7	-1.5	-1.8	-.03	.50
11	3	88	23	322.	3.6	6.4	6.2	9.2	9.7	-1.8	-2.0	-.06	.49
11	3	88	24	315.	3.7	6.0	5.8	8.4	9.3	-2.2	-2.5	-.03	.49
12	3	88	1	333.	3.6	6.2	5.8	8.3	10.0	-3.0	-3.4	-.03	.50
12	3	88	2	307.	4.2	7.4	7.2	8.6	11.4	-3.2	-3.5	.00	.51
12	3	88	3	298.	3.8	7.0	6.2	8.6	9.3	-3.7	-3.8	-.03	.52
12	3	88	4	307.	4.2	6.6	6.4	7.3	7.7	-3.9	-4.1	.00	.53
12	3	88	5	302.	4.1	6.0	5.6	7.4	8.3	-4.3	-4.4	-.06	.53
12	3	88	6	309.	3.6	8.4	8.2	9.2	11.3	-4.7	-5.0	.03	.54
12	3	88	7	307.	3.8	5.8	5.6	6.4	6.6	-4.8	-5.0	-.06	.55
12	3	88	8	305.	3.0	4.8	4.4	7.0	7.6	-4.5	-4.2	-.43	.56
12	3	88	9	304.	3.2	5.6	5.4	7.0	8.0	-3.4	-2.8	-.78	.56
12	3	88	10	311.	4.6	7.8	7.4	8.2	9.7	-2.1	-1.5	-.75	.51
12	3	88	11	309.	5.2	8.4	8.0	8.2	8.3	-.8	-.2	-.68	.48
12	3	88	12	312.	4.9	8.8	8.2	8.2	8.6	.2	1.0	-.78	.46
12	3	88	13	305.	3.9	6.8	6.4	9.6	10.1	1.5	2.4	-.96	.45
12	3	88	14	304.	3.9	6.8	6.4	12.1	12.6	2.4	3.3	-.96	.42
12	3	88	15	288.	3.8	8.8	7.8	14.7	15.0	2.9	3.7	-1.15	.41
12	3	88	16	297.	3.9	7.6	7.0	15.3	16.6	2.9	3.5	-.81	.40
12	3	88	17	308.	4.5	8.6	8.2	10.9	11.9	1.8	2.0	-.31	.41
12	3	88	18	299.	4.7	8.4	8.0	9.9	11.1	.8	.6	-.09	.45
12	3	88	19	299.	3.9	6.6	6.2	9.7	10.8	-.3	-.5	.00	.50
12	3	88	20	312.	3.7	7.0	6.4	10.7	11.5	-.9	-1.2	.00	.52
12	3	88	21	304.	3.5	6.0	5.6	10.4	12.3	-1.2	-1.5	.00	.52
12	3	88	22	297.	2.6	4.8	4.6	10.5	11.2	-1.8	-2.0	.00	.55
12	3	88	23	305.	3.4	5.0	4.8	7.2	9.6	-2.2	-2.4	.00	.58
12	3	88	24	294.	2.8	4.2	4.0	7.8	9.5	-2.5	-2.6	.00	.59

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	3	88	1	304.	3.4	4.8	4.6	6.0	7.3	-2.9	-3.0	.03	.60
13	3	88	2	311.	3.4	4.6	4.4	5.3	9.0	-3.0	-3.1	.00	.61
13	3	88	3	299.	3.2	5.0	4.8	4.7	5.6	-3.1	-3.3	.00	.62
13	3	88	4	315.	2.8	4.0	3.8	4.2	6.3	-3.5	-3.7	-.03	.66
13	3	88	5	315.	2.7	4.2	4.0	5.8	8.2	-3.9	-4.2	.12	.67
13	3	88	6	299.	2.7	4.4	4.2	6.3	11.2	-4.2	-4.5	.03	.66
13	3	88	7	312.	3.6	6.8	6.6	6.9	10.2	-4.5	-4.9	.06	.70
13	3	88	8	307.	3.0	4.4	4.2	6.1	7.7	-4.1	-3.9	-.25	.68
13	3	88	9	311.	3.0	4.8	4.4	7.7	8.6	-2.8	-2.2	-.62	.66
13	3	88	10	325.	2.5	4.4	4.2	10.0	11.2	-1.1	-.2	-.96	.62
13	3	88	11	292.	2.3	4.8	4.6	15.1	25.3	.8	1.7	-1.37	.56
13	3	88	12	294.	1.6	3.4	3.2	14.9	15.8	2.6	3.5	-1.93	.51
13	3	88	13	281.	1.5	3.0	2.8	26.5	29.3	3.4	4.5	-1.99	.48
13	3	88	14	287.	1.6	3.6	3.4	28.4	33.2	4.2	4.8	-2.24	.46
13	3	88	15	307.	1.2	3.4	3.2	31.7	33.3	4.0	5.1	-1.58	.44
13	3	88	16	218.	1.5	4.8	4.4	33.2	42.2	3.4	4.2	-1.40	.43
13	3	88	17	197.	3.1	5.2	4.8	13.0	14.1	.3	.3	-.43	.55
13	3	88	18	198.	3.0	6.0	5.8	11.2	11.5	-1.1	-1.3	-.09	.62
13	3	88	19	169.	1.6	5.2	4.8	30.7	44.3	-1.8	-2.5	.12	.66
13	3	88	20	127.	1.0	2.4	2.2	30.5	65.4	-2.1	-3.3	.25	.69
13	3	88	21	136.	1.4	2.4	2.2	2.8	10.7	-2.5	-3.8	.43	.73
13	3	88	22	75.	.6	1.2	1.2	29.1	46.8	-3.1	-4.0	.28	.77
13	3	88	23	10.	.5	1.4	1.2	40.3	59.6	-3.7	-4.4	.25	.80
13	3	88	24	6.	.9	2.0	1.8	7.6	17.2	-4.0	-5.0	.31	.79
14	3	88	1	3.	.9	2.2	2.0	11.0	19.7	-4.6	-5.4	.56	.72
14	3	88	2	322.	1.5	2.8	2.6	12.9	16.3	-4.9	-5.3	.12	.62
14	3	88	3	342.	2.2	3.8	3.4	7.3	12.3	-5.2	-5.4	.03	.62
14	3	88	4	323.	2.5	3.8	3.6	6.1	10.5	-5.3	-5.6	.12	.63
14	3	88	5	335.	2.9	5.0	4.8	7.8	8.3	-5.4	-5.8	.03	.61
14	3	88	6	323.	2.9	5.0	4.6	6.4	8.2	-5.8	-6.2	.06	.61
14	3	88	7	325.	2.8	4.4	4.0	5.8	8.4	-6.2	-6.6	.03	.62
14	3	88	8	328.	3.3	5.4	5.0	7.4	8.1	-5.5	-5.3	-.19	.59
14	3	88	9	322.	3.1	5.4	5.0	8.7	10.0	-4.4	-3.9	-.40	.55
14	3	88	10	312.	2.1	3.4	3.2	9.0	11.2	-2.6	-1.5	-1.02	.53
14	3	88	11	319.	2.0	3.6	3.4	16.6	18.0	-.7	.4	-1.09	.50
14	3	88	12	308.	1.6	3.0	2.8	10.3	12.6	1.6	2.7	-1.61	.47
14	3	88	13	304.	1.8	3.4	3.2	13.9	15.6	2.5	3.9	-1.15	.43
14	3	88	14	267.	1.1	2.8	2.6	59.0	79.0	4.5	6.2	-1.83	.41
14	3	88	15	162.	2.7	5.8	5.4	24.4	42.9	3.4	4.4	-.84	.44
14	3	88	16	194.	3.0	6.0	5.8	17.3	22.0	2.4	3.4	-.56	.58
14	3	88	17	195.	3.7	7.0	6.4	12.1	12.3	1.8	2.5	-.62	.59
14	3	88	18	194.	3.1	5.4	5.2	10.7	11.0	.2	.1	-.22	.63
14	3	88	19	218.	2.2	4.4	4.0	10.2	15.1	-.7	-1.4	.12	.65
14	3	88	20	257.	1.9	4.2	4.0	17.7	21.2	-1.0	-1.4	.16	.61
14	3	88	21	271.	1.5	2.6	2.4	10.2	14.4	-1.3	-1.8	.25	.62
14	3	88	22	294.	1.8	3.4	3.2	11.2	17.8	-2.0	-2.6	.22	.64
14	3	88	23	315.	1.9	3.2	3.2	11.2	21.0	-2.7	-3.5	.16	.70
14	3	88	24	290.	1.9	2.8	2.6	6.3	15.1	-3.0	-3.8	.22	.67
15	3	88	1	311.	1.8	3.0	2.8	7.4	14.7	-3.5	-3.8	.31	.69
15	3	88	2	290.	1.3	2.4	2.4	22.0	41.0	-3.7	-4.2	.25	.71
15	3	88	3	330.	1.4	2.6	2.4	7.4	20.1	-3.9	-4.1	.09	.72
15	3	88	4	326.	1.1	2.6	2.4	8.4	16.2	-4.2	-4.2	-.09	.74
15	3	88	5	20.	.9	2.0	1.8	13.3	19.0	-4.7	-4.6	-.12	.80
15	3	88	6	308.	1.0	2.2	2.0	24.2	34.7	-5.0	-4.9	-.09	.82
15	3	88	7	356.	1.2	2.6	2.4	11.5	33.6	-5.1	-5.2	.00	.82
15	3	88	8	350.	1.7	3.0	2.8	8.7	12.9	-4.7	-4.6	-.09	.68
15	3	88	9	10.	2.2	6.0	5.2	15.5	20.4	-3.7	-3.2	-.31	.61
15	3	88	10	35.	3.8	7.0	6.6	14.8	15.7	-2.6	-1.9	-.87	.56
15	3	88	11	41.	2.8	5.4	5.2	19.2	24.3	-1.1	-.1	-1.15	.59
15	3	88	12	28.	2.5	5.4	5.2	19.4	21.1	.1	1.1	-1.12	.59
15	3	88	13	82.	2.4	6.0	5.6	36.5	48.3	1.0	1.9	-.99	.60
15	3	88	14	70.	2.7	5.6	5.2	21.5	23.1	1.5	2.1	-1.18	.59
15	3	88	15	103.	3.4	6.4	6.2	17.6	21.3	.9	1.3	-.87	.59
15	3	88	16	65.	3.7	6.8	6.2	17.7	18.9	.5	1.0	-.81	.61
15	3	88	17	69.	3.1	6.4	5.8	15.6	17.0	-.3	-.2	-.34	.65
15	3	88	18	67.	3.4	6.8	6.4	15.8	16.2	-.6	-.6	-.19	.66
15	3	88	19	75.	4.0	9.0	8.6	15.6	16.0	-.7	-.7	-.19	.66
15	3	88	20	62.	4.9	10.0	9.4	13.5	14.4	-.9	-.9	-.19	.69
15	3	88	21	79.	4.2	10.0	9.8	17.8	20.0	-1.5	-1.4	-.22	.73
15	3	88	22	63.	4.7	10.4	9.6	15.9	16.6	-2.0	-1.9	-.22	.75
15	3	88	23	58.	5.5	11.2	10.2	15.3	15.5	-2.5	-2.4	-.19	.74
15	3	88	24	56.	5.4	10.6	10.2	15.3	15.5	-3.1	-3.1	-.19	.76

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	3	88	1	58.	5.1	10.4	9.8	16.9	17.1	-3.1	-3.1	-.16	.69
16	3	88	2	62.	5.7	11.6	10.6	17.0	17.3	-3.4	-3.4	-.19	.66
16	3	88	3	55.	5.4	11.8	11.4	19.2	19.4	-3.8	-3.7	-.19	.67
16	3	88	4	62.	6.6	14.0	13.2	18.4	18.7	-4.3	-4.2	-.19	.70
16	3	88	5	42.	6.3	14.8	12.8	18.6	19.6	-4.9	-4.8	-.19	.73
16	3	88	6	39.	6.3	16.6	15.2	20.1	20.3	-5.6	-5.5	-.19	.77
16	3	88	7	32.	8.2	17.4	14.8	15.0	15.2	-6.0	-5.9	-.16	.78
16	3	88	8	30.	7.6	14.4	13.8	14.0	14.3	-6.3	-6.1	-.19	.78
16	3	88	9	28.	7.0	12.8	12.0	14.4	14.7	-6.1	-5.9	-.22	.77
16	3	88	10	27.	5.9	13.6	13.2	17.1	17.5	-5.8	-5.5	-.25	.76
16	3	88	11	13.	4.6	10.4	9.6	18.3	18.9	-5.6	-5.2	-.22	.74
16	3	88	12	13.	4.5	10.4	9.8	17.7	18.0	-5.4	-5.1	-.25	.74
16	3	88	13	13.	4.9	12.6	12.2	18.3	18.8	-4.9	-4.5	-.22	.73
16	3	88	14	11.	5.4	12.0	11.4	15.4	16.0	-4.2	-3.9	-.25	.69
16	3	88	15	13.	5.8	11.8	11.4	16.6	17.1	-4.0	-3.7	-.25	.66
16	3	88	16	13.	5.3	11.4	10.6	15.8	16.5	-3.9	-3.7	-.22	.65
16	3	88	17	14.	4.6	9.4	9.2	16.6	17.2	-4.1	-4.0	-.16	.66
16	3	88	18	18.	5.9	13.6	12.8	15.7	16.4	-3.6	-3.6	-.12	.59
16	3	88	19	24.	4.9	12.2	11.0	16.2	16.8	-3.3	-3.3	-.12	.55
16	3	88	20	13.	4.4	10.2	9.2	17.0	17.8	-3.3	-3.3	-.12	.54
16	3	88	21	14.	4.7	11.2	10.4	13.8	14.3	-3.4	-3.4	-.12	.55
16	3	88	22	7.	4.3	10.8	9.4	14.4	14.9	-3.7	-3.6	-.12	.57
16	3	88	23	4.	3.7	8.6	8.2	13.5	14.0	-4.0	-3.9	-.12	.57
16	3	88	24	7.	3.7	8.8	8.6	13.0	13.2	-4.2	-4.1	-.12	.58
17	3	88	1	11.	3.8	8.8	8.0	12.9	13.0	-4.4	-4.4	-.12	.59
17	3	88	2	18.	4.0	7.8	7.4	13.3	13.8	-4.9	-4.9	-.12	.60
17	3	88	3	0.	4.0	8.8	8.4	11.3	12.1	-5.5	-5.5	-.09	.60
17	3	88	4	349.	3.0	8.0	7.6	10.6	11.4	-6.1	-6.3	-.09	.61
17	3	88	5	336.	3.0	6.2	6.0	9.6	10.3	-6.7	-7.0	-.09	.62
17	3	88	6	349.	3.1	6.2	5.8	11.2	12.7	-7.0	-7.3	-.06	.63
17	3	88	7	336.	3.3	5.4	5.0	8.8	9.8	-7.1	-7.3	-.06	.64
17	3	88	8	332.	2.6	4.8	4.6	10.9	11.3	-6.2	-6.0	-.12	.63
17	3	88	9	353.	2.7	6.2	5.6	11.7	13.2	-5.4	-4.9	-.19	.60
17	3	88	10	24.	3.1	5.4	5.2	12.3	16.1	-4.2	-3.6	-.34	.59
17	3	88	11	7.	3.2	6.0	5.8	14.8	16.9	-2.8	-2.1	-.53	.58
17	3	88	12	6.	3.7	7.2	6.8	15.8	17.3	-2.2	-1.4	-.56	.56
17	3	88	13	354.	3.0	5.8	5.4	22.7	24.6	-1.3	-.3	-.56	.54
17	3	88	14	1.	3.7	8.4	7.6	16.0	20.8	-.9	.0	-.43	.52
17	3	88	15	4.	2.9	6.8	6.2	21.4	22.5	-.1	.7	-.50	.51
17	3	88	16	7.	2.0	4.0	3.8	18.8	20.9	.3	1.2	-.37	.51
17	3	88	17	3.	1.2	2.8	2.6	31.0	34.9	.7	1.6	-.56	.50
17	3	88	18	108.	.8	2.0	1.8	14.4	41.0	-.3	-.7	-.31	.50
17	3	88	19	170.	1.0	2.0	1.8	8.0	25.8	-1.5	-3.0	-.06	.53
17	3	88	20	193.	1.5	2.8	2.6	9.1	21.1	-2.3	-3.5	.22	.58
17	3	88	21	239.	1.6	3.0	2.6	10.5	13.9	-2.9	-3.5	.03	.61
17	3	88	22	308.	1.1	2.4	2.2	13.0	27.0	-3.4	-4.3	.06	.66
17	3	88	23	326.	2.9	4.8	4.6	3.7	10.2	-4.3	-5.0	.19	.72
17	3	88	24	333.	3.2	4.8	4.6	4.4	9.0	-5.0	-5.6	.25	.65
18	3	88	1	308.	3.5	4.4	4.2	3.1	8.4	-5.8	-6.3	.25	.69
18	3	88	2	309.	3.1	4.6	4.4	2.4	6.6	-5.9	-6.5	.34	.75
18	3	88	3	301.	3.2	4.4	4.2	2.4	7.7	-6.2	-6.8	.56	.77
18	3	88	4	311.	4.0	5.6	5.4	4.0	5.6	-6.1	-6.6	.47	.77
18	3	88	5	305.	4.5	6.2	5.8	3.4	6.6	-5.9	-6.3	.34	.68
18	3	88	6	328.	3.6	4.8	4.8	4.4	9.1	-5.8	-6.3	.16	.66
18	3	88	7	318.	4.0	5.8	5.6	4.7	8.2	-5.6	-5.9	.12	.63
18	3	88	8	312.	3.6	5.0	4.8	6.6	8.6	-4.6	-4.5	-.16	.61
18	3	88	9	307.	3.2	4.8	4.6	6.6	7.8	-2.8	-2.1	-.56	.56
18	3	88	10	307.	2.7	4.4	4.2	8.1	8.6	-.8	.3	-1.02	.54
18	3	88	11	307.	3.1	4.6	4.2	6.0	7.3	1.4	2.4	-1.18	.50
18	3	88	12	304.	2.6	4.6	4.2	10.6	11.4	3.7	4.8	-1.46	.47
18	3	88	13	305.	3.6	6.4	6.0	10.1	10.7	4.5	5.5	-1.24	.43
18	3	88	14	297.	3.2	5.8	5.2	10.1	10.4	5.3	6.3	-1.43	.41
18	3	88	15	288.	2.3	4.0	3.8	12.7	14.5	6.3	7.3	-1.40	.38
18	3	88	16	278.	2.2	4.0	3.8	13.2	14.0	6.7	7.5	-1.40	.37
18	3	88	17	271.	2.1	4.2	4.0	15.1	16.7	6.3	7.0	-1.06	.38
18	3	88	18	225.	1.3	2.6	2.4	13.0	22.3	5.4	5.0	-.62	.38
18	3	88	19	128.	1.1	2.6	2.4	25.4	39.3	3.1	1.7	.25	.39
18	3	88	20	173.	1.6	3.2	3.0	17.5	32.2	.9	-.2	1.09	.70
18	3	88	21	263.	.7	1.8	1.6	37.2	50.5	.5	-1.3	.40	.78
18	3	88	22	307.	2.1	3.6	3.4	7.2	18.7	-.9	-2.5	.75	.71
18	3	88	23	305.	1.6	3.8	3.6	51.6	61.7	-1.8	-3.5	.87	.73
18	3	88	24	319.	2.2	3.4	3.2	5.3	9.2	-2.9	-3.9	1.49	.76

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	3	88	1	328.	2.8	4.0	3.8	5.6	13.7	-3.7	-4.5	.84	.77
19	3	88	2	340.	2.9	4.0	3.8	5.1	12.0	-4.5	-5.1	.62	.80
19	3	88	3	316.	2.1	3.2	3.0	6.7	11.8	-5.2	-5.7	.19	.80
19	3	88	4	330.	1.5	3.0	2.8	5.3	9.5	-5.3	-5.7	.06	.80
19	3	88	5	291.	1.8	2.4	2.4	5.1	20.5	-5.3	-5.7	.37	.80
19	3	88	6	314.	1.5	2.2	2.2	6.7	9.7	-5.4	-5.7	-.09	.80
19	3	88	7	350.	1.4	2.4	2.2	7.2	17.8	-5.4	-5.5	.09	.80
19	3	88	8	347.	.8	1.8	1.8	13.3	19.5	-4.6	-4.4	-.12	.78
19	3	88	9	52.	.3	1.0	.8	53.1	65.1	-3.3	-3.2	-.16	.77
19	3	88	10	252.	.5	1.6	1.4	36.3	81.1	-1.5	-1.4	-.68	.70
19	3	88	11	134.	1.8	5.0	4.6	35.8	38.9	-.5	-.1	-.50	.68
19	3	88	12	163.	2.1	4.8	4.6	17.6	19.8	.9	1.4	-.34	.75
19	3	88	13	187.	4.5	9.6	9.2	16.0	17.4	2.5	3.1	-.37	.78
19	3	88	14	179.	6.1	12.4	11.0	13.5	14.1	2.9	3.4	-.53	.74
19	3	88	15	177.	5.7	10.4	10.0	14.1	14.5	2.8	3.3	-.37	.75
19	3	88	16	174.	5.9	10.6	10.0	13.2	13.7	2.4	2.7	-.28	.74
19	3	88	17	156.	4.3	9.2	8.8	14.8	15.3	2.0	2.1	-.19	.78
19	3	88	18	155.	4.4	9.0	8.4	13.0	13.3	1.8	1.8	-.12	.79
19	3	88	19	157.	3.8	7.6	7.2	14.4	14.5	1.7	1.8	-.09	.79
19	3	88	20	160.	3.7	7.8	7.2	14.4	15.6	1.7	1.8	-.09	.82
19	3	88	21	166.	4.5	9.0	8.6	13.5	14.3	.7	.7	-.19	.90
19	3	88	22	165.	4.1	8.0	7.6	13.6	13.9	.2	.3	-.16	.91
19	3	88	23	148.	4.4	8.8	8.4	13.0	14.1	.2	.3	-.16	.91
19	3	88	24	141.	4.0	7.8	7.0	12.7	13.3	.2	.3	-.16	.91
20	3	88	1	139.	2.4	4.2	4.0	11.6	12.6	.1	.2	-.16	.91
20	3	88	2	118.	2.2	4.2	3.8	10.7	13.5	-.1	.0	-.16	.91
20	3	88	3	129.	2.9	5.4	5.2	9.8	13.3	.0	.1	-.16	.91
20	3	88	4	134.	3.5	6.4	6.2	11.3	11.9	.4	.5	-.09	.91
20	3	88	5	138.	3.9	7.8	7.6	12.4	12.8	.9	1.0	-.12	.92
20	3	88	6	136.	4.7	9.2	8.2	12.2	12.3	1.0	1.1	-.12	.92
20	3	88	7	131.	4.6	9.0	8.6	12.6	12.8	.8	.9	-.09	.92
20	3	88	8	121.	4.5	8.0	7.6	12.3	12.9	1.0	1.1	-.12	.92
20	3	88	9	129.	4.7	9.0	8.4	12.1	12.5	1.2	1.2	-.09	.92
20	3	88	10	117.	4.5	10.8	9.6	12.4	12.8	1.1	1.2	-.12	.92
20	3	88	11	115.	4.3	7.6	7.0	10.6	11.2	.4	.5	-.16	.91
20	3	88	12	104.	3.8	6.4	6.2	10.1	11.2	.2	.3	-.19	.91
20	3	88	13	101.	4.1	7.0	6.6	10.3	10.5	.4	.5	-.19	.91
20	3	88	14	101.	3.7	6.6	6.2	11.2	11.6	.5	.6	-.19	.91
20	3	88	15	110.	3.7	6.6	6.4	10.4	12.2	.8	.9	-.16	.92
20	3	88	16	108.	4.0	6.6	6.2	9.9	10.2	.8	.9	-.16	.92
20	3	88	17	91.	3.2	5.4	5.0	9.6	12.1	.4	.5	-.12	.91
20	3	88	18	84.	3.1	5.0	4.6	9.1	9.4	.2	.3	-.09	.91
20	3	88	19	82.	3.1	4.6	4.4	8.4	8.7	.2	.3	-.06	.91
20	3	88	20	73.	2.8	4.4	4.2	8.0	8.4	.3	.4	-.03	.91
20	3	88	21	70.	2.8	3.8	3.6	6.3	6.9	.3	.4	-.03	.91
20	3	88	22	70.	2.6	4.0	3.6	8.1	8.8	.4	.3	-.06	.91
20	3	88	23	76.	2.5	3.6	3.6	7.8	8.7	.4	.3	-.06	.91
20	3	88	24	51.	1.7	2.8	2.6	8.1	9.7	.5	.4	-.09	.91
21	3	88	1	73.	2.4	3.6	3.4	7.7	10.5	.5	.5	-.06	.91
21	3	88	2	89.	2.9	5.2	5.0	9.7	12.4	.7	.7	-.06	.91
21	3	88	3	83.	2.8	4.2	3.8	7.3	7.6	.4	.5	-.09	.91
21	3	88	4	101.	3.2	5.6	5.2	10.4	11.4	.4	.5	-.09	.91
21	3	88	5	90.	3.7	7.0	6.4	11.4	13.8	.7	.8	-.12	.91
21	3	88	6	97.	3.2	5.8	5.4	10.1	11.2	.4	.5	-.16	.91
21	3	88	7	96.	3.2	5.6	5.2	11.3	12.0	.3	.4	-.12	.91
21	3	88	8	97.	3.2	6.2	5.8	9.5	9.6	.2	.3	-.12	.91
21	3	88	9	105.	3.6	6.6	6.0	8.9	9.7	.2	.3	-.16	.91
21	3	88	10	105.	3.5	6.0	5.8	9.4	9.5	.3	.4	-.22	.91
21	3	88	11	110.	3.0	5.6	5.2	9.6	10.1	.3	.4	-.22	.91
21	3	88	12	114.	3.4	5.8	5.6	9.5	9.9	.4	.6	-.25	.91
21	3	88	13	117.	3.3	5.6	5.2	9.9	10.0	.5	.7	-.28	.92
21	3	88	14	117.	2.9	4.6	4.4	9.5	9.7	.5	.7	-.31	.92
21	3	88	15	117.	2.5	4.2	4.0	9.4	9.8	.7	.9	-.31	.91
21	3	88	16	110.	2.4	4.2	3.8	8.8	9.2	.6	.7	-.25	.89
21	3	88	17	103.	2.1	3.4	3.2	7.2	7.3	.4	.5	-.19	.89
21	3	88	18	91.	1.9	3.0	2.8	7.0	8.4	.2	.4	-.12	.89
21	3	88	19	51.	1.6	2.6	2.4	6.4	10.2	.2	.3	-.03	.89
21	3	88	20	14.	1.6	2.8	2.8	11.1	17.0	.2	.3	-.06	.88
21	3	88	21	49.	1.7	3.8	3.6	13.2	19.3	.2	.3	-.06	.86
21	3	88	22	21.	.5	3.0	2.8	12.3	18.6	.1	.3	-.06	.87
21	3	88	23	13.	99.0	99.0	99.0	23.6	28.3	.1	.3	-.12	.87
21	3	88	24	343.	99.0	99.0	99.0	8.8	14.3	.0	.1	-.09	.89

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	3	88	1	356.	99.0	99.0	99.0	7.4	14.6	-.1	-.1	-.09	.89
22	3	88	2	30.	99.0	99.0	99.0	7.8	13.0	-.4	-.8	.00	.89
22	3	88	3	20.	99.0	99.0	99.0	12.9	15.7	-.8	-1.1	-.06	.89
22	3	88	4	27.	99.0	99.0	99.0	12.9	14.5	-1.0	-1.2	-.03	.88
22	3	88	5	13.	99.0	99.0	99.0	11.4	12.0	-.7	-.9	.00	.85
22	3	88	6	37.	99.0	99.0	99.0	13.5	15.0	-1.1	-1.4	-.03	.86
22	3	88	7	337.	99.0	99.0	99.0	10.2	19.2	-1.2	-1.4	.09	.86
22	3	88	8	342.	.8	4.2	4.0	11.4	11.8	-.4	-.1	.06	.82
22	3	88	9	0.	1.9	3.8	3.4	14.9	18.1	.9	1.8	-.34	.80
22	3	88	10	132.	1.4	3.2	3.0	30.0	53.6	1.7	2.5	-.53	.79
22	3	88	11	70.	2.6	5.8	5.4	18.1	24.8	2.1	2.6	-.93	.78
22	3	88	12	107.	2.7	4.6	4.4	18.1	21.7	2.0	2.4	-.90	.77
22	3	88	13	75.	2.6	4.8	4.4	14.8	17.4	2.2	2.8	-1.02	.76
22	3	88	14	114.	2.0	4.0	3.8	20.3	23.7	2.7	3.5	-1.15	.74
22	3	88	15	117.	2.1	4.6	4.2	20.0	23.4	2.5	3.1	-.96	.74
22	3	88	16	76.	2.2	5.4	4.8	19.9	22.6	2.0	2.4	-.75	.76
22	3	88	17	75.	2.7	5.2	5.0	16.8	18.8	1.0	1.2	-.56	.78
22	3	88	18	62.	2.8	5.6	5.2	12.2	13.4	.0	.0	-.25	.80
22	3	88	19	49.	2.5	5.2	4.6	14.7	15.4	-.7	-.7	-.06	.82
22	3	88	20	66.	2.2	5.6	5.4	16.5	19.0	-.8	-.9	-.06	.81
22	3	88	21	335.	.6	2.4	2.2	27.2	40.9	-1.1	-1.4	-.09	.83
22	3	88	22	13.	.6	1.4	1.4	15.0	19.3	-1.2	-1.5	-.09	.84
22	3	88	23	69.	.5	2.0	1.8	22.8	47.8	-1.4	-1.9	.00	.85
22	3	88	24	22.	1.0	2.0	1.8	9.5	18.6	-1.6	-2.2	.06	.85
23	3	88	1	357.	1.0	2.0	1.8	8.9	10.9	-1.5	-1.7	.00	.82
23	3	88	2	35.	1.1	2.8	2.6	9.0	16.3	-1.6	-1.7	-.09	.84
23	3	88	3	49.	1.5	4.2	3.8	16.2	16.6	-1.6	-1.6	-.09	.84
23	3	88	4	351.	.9	2.2	2.0	14.4	30.9	-1.6	-1.6	-.12	.84
23	3	88	5	3.	.9	2.2	1.8	8.1	10.3	-1.7	-1.7	-.12	.85
23	3	88	6	62.	.7	2.0	1.8	24.8	32.9	-1.6	-1.6	-.12	.84
23	3	88	7	70.	1.0	2.6	2.4	14.3	16.5	-1.4	-1.3	-.22	.84
23	3	88	8	34.	.6	1.6	1.4	37.1	43.6	-.8	-.5	-.34	.82
23	3	88	9	110.	.6	2.0	1.6	44.0	55.2	.4	1.1	-.53	.78
23	3	88	10	301.	1.0	2.4	2.2	43.8	54.9	.9	1.4	-.84	.79
23	3	88	11	84.	1.4	3.2	3.2	36.4	61.6	.3	.7	-.43	.79
23	3	88	12	79.	1.3	2.8	2.4	27.3	34.1	1.2	1.7	-.62	.76
23	3	88	13	94.	1.3	3.2	3.0	24.4	29.4	1.3	1.8	-.62	.76
23	3	88	14	118.	1.6	3.2	3.2	18.2	26.1	.8	1.1	-.43	.79
23	3	88	15	139.	1.7	3.6	3.2	13.6	14.9	.3	.6	-.34	.86
23	3	88	16	45.	.9	2.0	1.8	27.4	45.1	.9	1.3	-.50	.85
23	3	88	17	53.	1.3	3.2	3.0	22.3	27.6	.9	1.1	-.34	.81
23	3	88	18	70.	1.3	3.0	2.8	22.9	26.3	.7	.8	-.31	.80
23	3	88	19	56.	1.7	3.4	3.2	11.6	12.6	-.1	-.3	-.19	.83
23	3	88	20	46.	1.4	3.4	3.2	15.1	16.0	-.2	-.3	-.19	.84
23	3	88	21	21.	1.3	2.8	2.6	10.1	17.5	-.2	-.4	-.22	.85
23	3	88	22	38.	1.2	2.8	2.6	16.3	17.7	-.3	-.6	-.19	.85
23	3	88	23	53.	1.8	3.8	3.4	12.2	15.8	-.6	-.8	-.12	.84
23	3	88	24	46.	2.2	3.6	3.4	10.7	11.3	-.5	-.7	-.12	.85
24	3	88	1	59.	1.8	3.6	3.4	11.0	11.9	-.5	-.7	-.12	.86
24	3	88	2	52.	1.7	3.4	3.0	13.2	13.5	-.6	-.6	-.22	.86
24	3	88	3	55.	2.0	4.4	4.4	13.7	14.1	-.6	-.6	-.22	.87
24	3	88	4	69.	2.2	4.8	4.4	12.6	14.0	-.6	-.6	-.19	.86
24	3	88	5	73.	1.6	3.2	2.8	11.8	13.1	-.5	-.7	-.25	.86
24	3	88	6	79.	1.9	3.6	3.4	13.7	14.4	-.7	-.7	-.19	.87
24	3	88	7	73.	2.0	4.0	3.8	11.6	13.3	-.8	-.6	-.19	.86
24	3	88	8	79.	2.5	4.6	4.6	12.3	13.3	-.5	-.3	-.28	.85
24	3	88	9	87.	3.0	5.4	5.0	14.1	15.3	.0	.3	-.37	.84
24	3	88	10	86.	3.1	5.4	5.0	14.1	15.0	.4	.6	-.37	.83
24	3	88	11	89.	2.9	6.0	5.6	13.9	14.5	.7	1.0	-.37	.81
24	3	88	12	82.	3.2	6.0	5.6	15.3	16.5	1.0	1.3	-.37	.78
24	3	88	13	86.	3.4	6.6	6.4	15.1	15.6	.9	1.2	-.31	.74
24	3	88	14	79.	3.8	8.8	7.8	15.9	16.2	.7	.9	-.25	.76
24	3	88	15	96.	3.6	8.2	7.8	16.4	17.6	.2	.4	-.22	.83
24	3	88	16	75.	3.7	9.8	8.8	14.2	15.3	-.1	.0	-.25	.88
24	3	88	17	82.	4.1	8.4	7.8	15.1	15.2	-.1	.0	-.25	.90
24	3	88	18	83.	4.2	8.0	7.4	14.7	15.5	-.2	.0	-.19	.90
24	3	88	19	83.	4.1	8.6	8.2	15.0	15.3	-.1	.0	-.19	.91
24	3	88	20	75.	3.9	7.6	7.4	15.1	15.5	-.1	.0	-.22	.91
24	3	88	21	73.	3.7	7.4	7.0	15.5	15.7	-.1	.1	-.22	.91
24	3	88	22	84.	3.6	8.2	7.2	15.1	16.4	.1	.2	-.25	.91
24	3	88	23	79.	3.8	7.0	6.6	13.0	13.5	.2	.3	-.25	.91
24	3	88	24	73.	3.8	7.0	6.4	13.9	14.3	.2	.3	-.19	.91

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	3	88	1	73.	3.6	7.2	6.8	14.4	14.8	.2	.3	-.16	.90
25	3	88	2	73.	3.8	8.6	8.2	15.4	16.0	.1	.2	-.19	.90
25	3	88	3	66.	3.8	7.0	6.8	15.9	16.1	.0	.1	-.25	.90
25	3	88	4	70.	3.2	6.6	6.0	18.0	19.0	-.1	.1	-.25	.90
25	3	88	5	62.	2.4	5.6	5.4	23.9	24.2	-.1	.0	-.25	.90
25	3	88	6	59.	2.5	6.0	5.8	21.2	21.3	-.3	-.2	-.25	.90
25	3	88	7	58.	2.2	5.6	5.2	23.8	24.2	-.3	-.2	-.25	.90
25	3	88	8	65.	2.4	6.0	5.8	22.5	23.6	-.2	-.2	-.25	.90
25	3	88	9	63.	2.6	6.2	5.6	18.9	19.0	.0	.1	-.31	.89
25	3	88	10	62.	2.9	5.8	5.6	17.7	17.7	.0	.2	-.31	.89
25	3	88	11	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
25	3	88	12	53.	3.9	7.8	7.6	14.7	14.9	.1	.3	-.34	.87
25	3	88	13	55.	4.1	8.6	8.0	15.6	15.7	.4	.5	-.43	.86
25	3	88	14	49.	3.4	7.8	7.4	17.2	17.5	.3	.4	-.31	.85
25	3	88	15	53.	4.0	8.6	7.8	17.4	17.8	.1	.2	-.25	.85
25	3	88	16	39.	4.3	9.2	8.6	16.3	17.2	.0	.1	-.22	.84
25	3	88	17	35.	4.4	8.2	8.0	14.4	14.6	-.2	.0	-.19	.85
25	3	88	18	34.	4.2	9.2	8.8	16.0	16.2	-.2	-.1	-.12	.84
25	3	88	19	25.	3.6	7.6	7.4	17.4	17.7	-.2	.0	-.09	.83
25	3	88	20	18.	3.1	7.6	7.2	18.6	19.2	-.2	.0	-.09	.83
25	3	88	21	27.	3.0	7.8	7.4	20.9	21.3	-.1	.1	-.09	.83
25	3	88	22	30.	3.9	8.6	8.0	18.5	18.7	.1	.2	-.09	.82
25	3	88	23	34.	3.2	8.0	7.4	23.5	24.8	.0	.1	-.09	.82
25	3	88	24	34.	4.6	10.2	9.4	18.0	18.4	-.1	.0	-.09	.81
26	3	88	1	25.	4.1	9.0	8.4	15.5	15.9	-.3	-.1	-.09	.81
26	3	88	2	37.	4.4	8.6	8.2	12.9	14.4	-.4	-.3	-.09	.81
26	3	88	3	28.	4.0	8.6	8.2	15.0	16.4	-.6	-.5	-.09	.82
26	3	88	4	14.	3.3	7.2	6.8	16.8	18.7	-.7	-.6	-.12	.81
26	3	88	5	14.	3.4	6.4	5.8	14.5	15.1	-.8	-.7	-.09	.80
26	3	88	6	21.	3.5	6.4	6.0	13.0	13.6	-1.0	-.9	-.12	.82
26	3	88	7	15.	3.3	6.4	6.0	13.6	14.0	-1.1	-1.0	-.16	.82
26	3	88	8	11.	3.1	7.2	6.8	12.6	13.0	-1.0	-.8	-.16	.81
26	3	88	9	13.	3.2	6.2	5.8	12.3	12.4	-.7	-.4	-.22	.80
26	3	88	10	21.	3.0	6.8	6.4	16.9	17.7	.0	.5	-.34	.79
26	3	88	11	27.	3.8	8.2	7.6	16.8	17.0	.4	1.0	-.43	.77
26	3	88	12	27.	4.6	10.8	10.2	17.7	18.2	1.1	1.9	-.56	.76
26	3	88	13	22.	4.7	10.2	9.6	17.7	19.2	1.8	2.6	-.65	.72
26	3	88	14	37.	4.9	10.2	10.0	14.3	16.6	1.8	2.4	-.47	.71
26	3	88	15	44.	4.5	8.4	8.4	15.8	16.3	1.8	2.4	-.59	.73
26	3	88	16	27.	3.1	6.6	6.0	19.6	20.4	1.6	2.1	-.43	.76
26	3	88	17	10.	2.3	5.8	5.4	17.9	20.6	1.1	1.3	-.28	.79
26	3	88	18	14.	1.8	3.8	3.6	13.7	14.3	.7	.8	-.19	.82
26	3	88	19	329.	2.1	4.0	3.8	12.2	18.3	.3	.4	-.16	.83
26	3	88	20	322.	2.4	3.8	3.6	8.7	9.8	.0	.0	-.12	.86
26	3	88	21	346.	2.5	4.2	4.0	7.2	10.7	-.2	-.3	-.09	.85
26	3	88	22	322.	2.9	4.4	4.0	6.4	9.7	-.3	-.4	-.06	.85
26	3	88	23	321.	2.5	3.6	3.4	6.1	7.4	-.3	-.5	-.03	.85
26	3	88	24	304.	2.6	4.2	4.0	7.2	10.0	-.4	-.4	-.06	.86
27	3	88	1	330.	3.0	4.4	4.2	7.0	10.9	-.3	-.3	-.12	.86
27	3	88	2	309.	3.4	5.0	4.8	6.9	8.6	-.3	-.2	-.12	.86
27	3	88	3	305.	3.7	5.0	4.8	4.9	5.3	-.2	-.2	-.12	.86
27	3	88	4	312.	2.8	4.8	4.6	6.6	8.8	-.1	-.1	-.09	.86
27	3	88	5	302.	2.4	3.6	3.4	5.8	6.3	.0	.0	-.09	.85
27	3	88	6	339.	2.2	3.6	3.2	7.2	15.9	.3	.4	.00	.85
27	3	88	7	346.	2.3	4.2	3.8	9.2	9.8	1.0	1.1	-.06	.82
27	3	88	8	7.	1.9	4.4	4.0	10.2	12.7	1.6	1.7	-.09	.82
27	3	88	9	6.	2.2	4.6	4.4	12.9	14.1	2.3	2.6	-.19	.81
27	3	88	10	356.	2.3	5.6	5.4	14.3	15.4	2.5	2.8	-.19	.80
27	3	88	11	11.	2.3	5.0	4.8	14.1	15.5	2.5	2.8	-.16	.81
27	3	88	12	38.	3.3	7.6	7.0	17.2	18.6	2.8	3.1	-.25	.80
27	3	88	13	41.	3.6	7.4	7.0	16.0	16.3	2.5	2.8	-.28	.82
27	3	88	14	13.	2.8	6.2	6.0	11.4	14.0	2.6	2.9	-.22	.85
27	3	88	15	17.	2.3	5.0	4.8	12.9	13.9	3.2	3.5	-.19	.81
27	3	88	16	357.	2.3	4.6	4.4	13.7	16.0	3.2	3.4	-.16	.80
27	3	88	17	25.	1.8	3.2	3.0	12.9	15.1	3.1	3.3	-.16	.82
27	3	88	18	7.	1.6	3.0	3.0	15.8	22.6	2.9	2.9	-.16	.83
27	3	88	19	17.	2.0	3.8	3.4	8.2	10.6	2.6	2.4	.00	.82
27	3	88	20	349.	2.3	4.0	3.8	7.6	15.7	2.6	2.4	-.03	.82
27	3	88	21	1.	1.8	3.2	3.0	8.6	13.5	2.2	2.0	.06	.85
27	3	88	22	344.	1.8	3.2	3.0	6.9	7.8	2.1	1.6	.00	.85
27	3	88	23	344.	2.5	4.2	4.0	6.1	6.6	1.7	1.2	.06	.86
27	3	88	24	344.	2.4	4.4	4.2	4.4	5.3	1.4	1.0	.12	.85

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	3	88	1	332.	3.0	4.6	4.4	5.8	8.6	.6	.3	.12	.88
28	3	88	2	339.	3.0	4.6	4.4	5.4	8.2	.2	-.1	.37	.89
28	3	88	3	291.	2.7	3.4	3.4	4.9	8.9	.0	-.1	.43	.88
28	3	88	4	298.	2.6	3.4	3.2	2.4	5.1	.0	.0	.37	.89
28	3	88	5	316.	2.4	3.4	3.2	2.8	6.7	-.2	-.1	.06	.89
28	3	88	6	328.	2.2	3.6	3.4	4.9	9.3	.1	.2	-.06	.88
28	3	88	7	298.	1.9	2.8	2.8	5.4	13.5	.3	.4	-.12	.86
28	3	88	8	330.	1.9	3.2	3.0	6.6	14.6	.7	.9	.12	.86
28	3	88	9	328.	1.2	1.8	1.8	8.8	13.0	1.1	1.5	-.03	.86
28	3	88	10	56.	1.2	2.8	2.6	26.5	50.1	2.3	2.7	-.31	.83
28	3	88	11	94.	1.7	3.6	3.4	17.4	24.3	2.0	2.1	-.40	.88
28	3	88	12	105.	2.1	4.2	4.0	11.8	14.4	1.7	1.9	-.37	.91
28	3	88	13	87.	1.5	3.0	2.8	14.4	15.9	2.1	2.3	-.34	.90
28	3	88	14	100.	1.5	3.2	3.0	11.8	15.1	2.0	2.2	-.34	.90
28	3	88	15	44.	.6	2.0	1.8	24.0	30.2	2.6	3.0	-.43	.89
28	3	88	16	302.	.8	1.8	1.6	23.2	42.5	2.4	2.7	-.16	.91
28	3	88	17	18.	.6	1.6	1.6	12.0	19.8	2.0	2.1	.06	.92
28	3	88	18	72.	1.1	2.8	2.6	17.2	27.5	2.1	1.9	.06	.93
28	3	88	19	80.	1.7	3.2	3.0	7.3	9.7	2.3	2.0	-.09	.91
28	3	88	20	84.	2.0	4.6	4.6	12.2	14.1	2.1	2.1	-.12	.89
28	3	88	21	103.	3.2	5.8	5.6	10.6	11.5	1.8	1.8	-.12	.90
28	3	88	22	111.	3.4	6.0	5.6	10.7	11.8	1.6	1.5	-.12	.93
28	3	88	23	104.	3.8	6.6	6.2	10.2	10.6	1.6	1.6	-.12	.93
28	3	88	24	111.	3.6	6.4	6.2	10.3	10.5	1.6	1.5	-.12	.92
29	3	88	1	129.	3.7	7.0	6.8	11.9	13.0	1.7	1.7	-.16	.92
29	3	88	2	136.	3.6	6.6	6.2	11.5	13.1	1.2	1.3	-.12	.92
29	3	88	3	118.	3.2	5.8	5.6	10.7	12.0	1.9	1.9	-.09	.93
29	3	88	4	124.	4.2	7.8	7.4	12.3	12.3	1.9	1.9	-.12	.93
29	3	88	5	125.	4.7	8.0	7.8	11.9	12.2	1.8	1.8	-.12	.93
29	3	88	6	129.	4.7	9.6	8.8	11.6	11.7	1.7	1.7	-.12	.93
29	3	88	7	122.	5.0	9.0	9.0	11.7	12.3	1.7	1.8	-.12	.92
29	3	88	8	124.	4.8	8.4	8.0	11.1	11.5	1.5	1.6	-.12	.92
29	3	88	9	122.	5.0	9.4	9.0	12.2	12.6	1.7	1.8	-.12	.92
29	3	88	10	117.	5.3	9.2	8.8	11.2	11.4	1.5	1.6	-.16	.92
29	3	88	11	105.	5.0	8.6	7.8	11.2	11.5	1.3	1.4	-.16	.91
29	3	88	12	111.	5.4	11.0	10.2	11.0	11.1	1.1	1.2	-.16	.91
29	3	88	13	117.	6.0	10.2	9.6	10.8	11.0	1.4	1.4	-.12	.92
29	3	88	14	115.	6.5	12.0	11.0	11.1	11.2	1.8	1.9	-.12	.92
29	3	88	15	103.	6.2	10.6	10.0	10.9	11.8	1.8	1.8	-.12	.91
29	3	88	16	104.	5.4	9.6	9.2	11.7	11.9	1.6	1.6	-.12	.91
29	3	88	17	101.	4.1	8.8	8.4	11.9	12.2	1.3	1.3	-.12	.91
29	3	88	18	101.	3.0	6.0	5.8	11.4	11.7	.5	.6	-.12	.91
29	3	88	19	100.	2.8	5.2	5.0	10.7	11.2	.2	.3	-.09	.91
29	3	88	20	104.	2.7	5.0	4.8	11.2	11.4	.3	.3	-.06	.91
29	3	88	21	103.	2.6	4.6	4.4	10.6	10.8	.1	.2	-.12	.91
29	3	88	22	105.	2.5	4.2	4.0	10.2	10.4	.1	.2	-.12	.91
29	3	88	23	101.	2.1	3.6	3.4	10.0	10.2	.1	.2	-.09	.91
29	3	88	24	98.	2.0	3.6	3.4	10.1	10.2	.1	.2	-.12	.91
30	3	88	1	100.	1.5	3.0	2.8	10.6	10.9	.1	.2	-.12	.91
30	3	88	2	93.	99.0	99.0	99.0	10.3	10.9	.1	.2	-.12	.91
30	3	88	3	70.	99.0	99.0	99.0	10.4	12.7	.1	.2	-.12	.91
30	3	88	4	59.	99.0	99.0	99.0	10.4	11.5	.1	.2	-.09	.91
30	3	88	5	66.	99.0	99.0	99.0	11.8	12.3	.2	.2	-.09	.91
30	3	88	6	66.	99.0	99.0	99.0	12.3	12.6	.2	.3	-.09	.91
30	3	88	7	63.	99.0	99.0	99.0	12.3	12.3	.2	.3	-.09	.91
30	3	88	8	49.	99.0	99.0	99.0	16.8	17.3	.3	.4	-.12	.91
30	3	88	9	56.	.3	2.8	2.6	16.1	16.3	.4	.5	-.16	.91
30	3	88	10	56.	1.7	5.2	4.8	14.8	15.1	.6	.8	-.19	.91
30	3	88	11	60.	3.3	6.0	5.6	12.4	12.8	.9	1.0	-.19	.91
30	3	88	12	59.	2.6	5.2	5.0	12.3	13.0	1.1	1.3	-.25	.91
30	3	88	13	56.	3.1	5.6	5.4	13.8	14.1	1.2	1.4	-.28	.91
30	3	88	14	60.	2.9	5.6	5.2	12.6	12.8	1.3	1.5	-.22	.90
30	3	88	15	62.	3.0	5.4	5.2	12.3	12.8	1.4	1.5	-.16	.91
30	3	88	16	73.	3.1	5.4	5.0	8.7	9.4	1.7	1.8	-.09	.91
30	3	88	17	90.	2.8	4.6	4.2	8.9	10.4	2.1	2.1	.00	.92
30	3	88	18	55.	2.2	4.8	4.4	13.6	20.5	2.5	2.4	.06	.93
30	3	88	19	56.	1.7	4.0	4.0	28.1	29.7	2.7	2.5	.00	.93
30	3	88	20	51.	.8	3.0	2.6	50.3	59.5	2.8	2.3	.06	.93
30	3	88	21	60.	3.5	6.0	5.8	13.1	14.0	2.9	2.8	-.03	.93
30	3	88	22	60.	2.0	5.0	4.8	19.9	22.1	3.0	2.8	.00	.93
30	3	88	23	56.	2.3	5.2	4.8	15.8	20.4	3.1	2.8	.06	.91
30	3	88	24	65.	3.0	5.6	5.2	11.8	12.1	3.0	2.9	.03	.90

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
31	3	88	1	80.	3.1	6.2	5.8	14.1	16.1	3.1	3.0	.00	.89
31	3	88	2	87.	3.2	6.2	6.0	13.7	14.7	3.0	2.9	.00	.87
31	3	88	3	73.	3.5	7.4	7.2	13.7	14.1	2.9	2.8	.00	.88
31	3	88	4	65.	3.2	6.8	6.4	14.3	14.7	2.8	2.6	-.03	.88
31	3	88	5	65.	3.8	7.4	7.0	13.0	13.3	2.5	2.5	-.12	.88
31	3	88	6	59.	3.8	7.4	7.0	13.3	13.6	2.3	2.3	-.09	.89
31	3	88	7	62.	3.8	7.6	7.4	13.6	13.8	2.1	2.2	-.09	.89
31	3	88	8	69.	3.9	8.6	8.0	13.8	14.0	2.1	2.2	-.09	.90
31	3	88	9	66.	3.5	6.6	6.4	11.8	12.2	2.1	2.2	-.12	.91
31	3	88	10	58.	2.9	5.2	5.0	13.0	13.7	2.0	2.1	-.12	.92
31	3	88	11	55.	2.4	5.0	4.8	15.5	15.8	2.0	2.1	-.12	.92
31	3	88	12	52.	3.2	6.2	6.0	14.3	14.7	2.0	2.1	-.16	.92
31	3	88	13	35.	2.3	4.6	4.4	17.3	17.9	2.0	2.1	-.16	.92
31	3	88	14	25.	1.9	4.0	3.8	18.2	21.3	2.2	2.3	-.16	.92
31	3	88	15	38.	2.0	6.2	6.0	20.4	20.5	2.5	2.6	-.16	.92
31	3	88	16	41.	2.6	7.2	7.0	19.7	19.9	2.5	2.7	-.16	.91
31	3	88	17	46.	2.3	5.4	5.2	23.8	24.3	2.4	2.5	-.09	.92
31	3	88	18	53.	2.4	7.2	6.6	18.1	18.4	2.4	2.5	-.06	.91
31	3	88	19	27.	1.7	4.8	4.4	30.4	33.7	2.3	2.3	-.06	.92
31	3	88	20	20.	1.6	5.2	5.0	27.8	29.3	2.2	2.2	-.03	.92
31	3	88	21	7.	1.4	3.4	3.2	19.3	31.4	2.2	2.1	-.03	.92
31	3	88	22	332.	1.5	3.2	2.8	15.8	23.9	2.0	1.9	-.06	.93
31	3	88	23	330.	2.1	3.6	3.2	9.6	16.7	1.6	1.6	-.03	.93
31	3	88	24	307.	2.4	3.6	3.4	6.7	10.4	1.3	1.3	.00	.93
MANGLER(ANT)				5	21	21	21	5	8	5	6	6	5
MANGLER(%)				.7	2.8	2.8	2.8	.7	1.1	.7	.8	.8	.7

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
1	4	88	1	332.	2.3	4.0	3.8	7.7	18.4	1.2	1.2	-.03	.92
1	4	88	2	308.	2.2	3.4	3.2	8.4	19.1	1.3	1.3	-.06	.92
1	4	88	3	323.	2.4	3.6	3.4	5.4	10.9	1.1	1.1	-.03	.92
1	4	88	4	342.	1.8	3.2	3.0	8.2	13.3	1.3	1.3	-.03	.92
1	4	88	5	333.	1.9	3.4	3.2	6.9	13.2	1.3	1.3	-.03	.92
1	4	88	6	322.	1.6	3.4	3.4	8.0	14.6	1.3	1.3	.00	.92
1	4	88	7	332.	2.1	3.2	3.0	5.1	11.0	1.1	1.2	-.03	.92
1	4	88	8	332.	1.3	2.6	2.4	6.3	11.8	1.5	1.5	.00	.92
1	4	88	9	316.	2.1	3.0	3.0	6.1	9.8	1.7	1.7	-.06	.92
1	4	88	10	329.	2.1	3.4	3.0	7.0	10.0	1.8	2.0	-.06	.93
1	4	88	11	316.	1.6	3.2	3.0	10.3	13.6	2.3	2.6	-.09	.93
1	4	88	12	314.	1.6	2.6	2.4	8.1	11.4	2.6	2.8	.00	.92
1	4	88	13	309.	1.9	2.8	2.6	4.0	7.2	2.9	3.3	-.19	.90
1	4	88	14	343.	1.8	3.2	3.0	9.1	13.0	3.7	3.8	-.06	.90
1	4	88	15	356.	1.8	3.8	3.4	11.8	12.3	4.2	4.3	-.06	.88
1	4	88	16	340.	1.6	3.8	3.6	11.8	13.3	4.3	4.2	-.03	.89
1	4	88	17	319.	2.2	4.0	3.8	8.0	11.3	4.2	4.2	.00	.89
1	4	88	18	13.	1.3	3.8	3.6	10.1	21.0	4.2	4.1	.00	.91
1	4	88	19	0.	2.8	5.6	5.0	9.1	12.4	4.1	3.9	.06	.88
1	4	88	20	359.	3.2	5.6	5.4	8.3	9.1	4.0	3.8	.03	.87
1	4	88	21	0.	3.4	6.0	5.6	8.9	9.2	4.0	3.8	.00	.87
1	4	88	22	11.	3.1	5.4	5.2	8.8	9.9	4.0	3.9	.00	.87
1	4	88	23	1.	3.1	5.4	5.2	8.9	9.1	4.1	4.0	.03	.86
1	4	88	24	351.	2.7	5.2	4.8	9.5	10.3	4.1	3.9	.03	.84
2	4	88	1	354.	2.1	5.2	4.6	13.4	17.2	4.1	3.9	.03	.85
2	4	88	2	353.	1.7	4.4	4.0	11.7	15.1	4.0	3.7	.16	.85
2	4	88	3	7.	2.1	5.0	4.6	14.6	20.7	4.2	3.9	.12	.84
2	4	88	4	356.	3.5	7.8	7.4	13.1	13.8	4.6	4.4	.00	.81
2	4	88	5	308.	2.5	6.6	6.2	20.1	24.5	3.7	3.4	.28	.86
2	4	88	6	318.	2.2	5.0	4.6	20.3	23.8	3.9	3.5	.31	.85
2	4	88	7	315.	2.3	3.6	3.4	8.0	11.6	3.8	3.6	.37	.85
2	4	88	8	298.	1.3	2.6	2.4	9.9	13.3	4.1	3.8	.47	.84
2	4	88	9	342.	1.5	2.4	2.2	7.3	15.7	4.5	4.5	.37	.81
2	4	88	10	4.	1.9	5.0	4.8	11.8	12.9	5.6	5.7	-.06	.79
2	4	88	11	3.	3.0	7.4	7.0	14.6	15.2	6.3	6.4	-.12	.76
2	4	88	12	4.	3.4	7.0	6.6	12.7	13.3	7.0	7.1	-.12	.72
2	4	88	13	3.	3.1	6.6	6.6	14.3	15.0	7.7	7.8	-.16	.69
2	4	88	14	35.	3.1	5.6	5.4	17.8	22.7	8.5	8.8	-.31	.66
2	4	88	15	39.	3.3	7.0	6.4	17.4	17.8	9.2	9.8	-.53	.65
2	4	88	16	17.	2.3	5.4	5.2	22.4	25.1	9.4	9.9	-.40	.66
2	4	88	17	38.	2.2	4.2	3.8	15.8	16.8	9.2	9.4	-.37	.66
2	4	88	18	48.	1.2	3.6	3.4	28.4	29.9	8.6	8.7	-.31	.69
2	4	88	19	350.	.5	2.0	1.8	16.3	26.4	7.5	6.9	-.16	.72
2	4	88	20	90.	1.2	2.6	2.4	27.6	53.1	5.5	4.4	.31	.82
2	4	88	21	350.	.5	1.8	1.8	27.9	45.5	4.3	3.6	.62	.89
2	4	88	22	339.	1.9	4.2	4.0	10.0	11.7	4.4	3.6	.56	.86
2	4	88	23	337.	3.4	4.8	4.6	5.1	6.4	4.5	3.8	.28	.80
2	4	88	24	329.	3.3	5.2	4.8	5.4	8.2	4.1	3.5	.25	.79
3	4	88	1	304.	2.9	4.0	3.8	3.4	12.3	2.8	2.3	.53	.85
3	4	88	2	321.	3.4	4.2	4.0	2.4	7.3	2.2	1.7	.56	.85
3	4	88	3	299.	3.0	3.8	3.6	2.8	9.6	2.0	1.5	.22	.84
3	4	88	4	322.	3.1	4.2	4.0	4.9	9.0	1.7	1.3	.19	.81
3	4	88	5	309.	2.8	3.8	3.6	4.4	6.4	1.8	1.6	.06	.79
3	4	88	6	302.	3.5	4.6	4.6	3.7	4.2	1.9	1.8	.03	.80
3	4	88	7	301.	3.4	4.8	4.6	4.4	4.7	2.3	2.3	-.06	.79
3	4	88	8	301.	3.0	4.4	4.2	3.4	4.7	2.9	3.0	-.09	.77
3	4	88	9	307.	3.1	4.2	3.8	4.4	5.1	3.8	4.1	-.22	.75
3	4	88	10	295.	2.6	3.6	3.4	4.4	6.0	5.5	6.2	-.62	.71
3	4	88	11	309.	2.4	4.4	4.0	6.9	8.0	8.1	8.9	-1.02	.66
3	4	88	12	294.	2.4	3.4	3.4	8.8	10.7	9.5	10.2	-1.12	.63
3	4	88	13	287.	2.5	3.8	3.6	9.2	10.7	10.0	10.6	-1.12	.62
3	4	88	14	270.	1.8	3.6	3.4	25.0	26.2	11.1	11.7	-1.40	.60
3	4	88	15	294.	1.9	4.0	3.6	19.2	23.0	11.2	11.6	-1.24	.59
3	4	88	16	350.	2.1	4.4	4.0	25.6	34.0	11.1	11.7	-.71	.57
3	4	88	17	127.	1.5	3.4	3.2	46.7	85.3	10.3	10.7	-.43	.61
3	4	88	18	156.	2.1	3.8	3.6	10.2	17.9	8.5	8.5	-.25	.67
3	4	88	19	170.	2.5	4.0	3.8	8.9	10.9	7.1	6.6	-.03	.69
3	4	88	20	149.	1.6	3.2	3.0	8.7	12.4	5.9	4.3	.34	.77
3	4	88	21	195.	.9	1.8	1.6	12.3	21.2	5.6	3.7	.37	.81
3	4	88	22	316.	.1	1.0	1.0	23.1	44.1	5.3	3.4	.03	.80
3	4	88	23	340.	2.9	5.4	5.2	5.4	6.3	3.6	2.3	.53	.83
3	4	88	24	336.	3.0	6.0	5.2	5.4	6.3	2.5	1.7	.47	.85

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	4	88	1	332.	2.7	3.6	3.4	2.8	5.8	1.1	.1	.96	.90
4	4	88	2	326.	2.7	4.2	4.0	4.9	7.7	.0	-.5	.59	.90
4	4	88	3	325.	2.9	4.0	3.8	4.2	6.4	-.4	-.8	.56	.90
4	4	88	4	329.	3.6	5.2	4.8	4.9	5.6	-.4	-.9	.53	.89
4	4	88	5	329.	3.6	4.4	4.2	4.0	5.3	-.4	-.9	.87	.87
4	4	88	6	328.	3.3	4.4	4.4	4.0	4.4	-.3	-.8	.59	.86
4	4	88	7	330.	3.1	5.0	4.6	6.3	6.3	.5	.6	.28	.81
4	4	88	8	323.	2.2	5.2	4.8	8.7	10.7	2.1	2.9	-.03	.76
4	4	88	9	309.	.9	2.8	2.6	17.8	21.8	5.7	6.5	-.96	.69
4	4	88	10	305.	1.7	2.8	2.6	7.6	12.7	6.2	6.8	-1.02	.67
4	4	88	11	14.	.7	2.2	2.2	49.7	71.8	10.8	10.9	-1.43	.61
4	4	88	12	115.	1.7	4.0	3.6	45.1	61.8	11.0	11.2	-1.15	.61
4	4	88	13	122.	3.1	5.2	4.6	11.1	11.6	8.8	9.1	-.68	.65
4	4	88	14	129.	3.5	5.6	5.2	10.6	11.4	8.1	8.5	-.56	.67
4	4	88	15	125.	3.2	5.2	5.0	10.1	10.6	8.0	8.2	-.50	.73
4	4	88	16	125.	4.2	6.4	6.2	8.6	8.8	6.9	7.1	-.43	.79
4	4	88	17	122.	4.2	6.4	6.0	9.9	10.1	5.6	5.7	-.40	.89
4	4	88	18	124.	4.2	6.2	5.6	7.4	7.7	4.8	4.9	-.25	.93
4	4	88	19	127.	3.9	6.0	5.6	9.7	9.9	3.5	3.4	-.16	.95
4	4	88	20	117.	3.9	5.8	5.4	8.8	9.1	2.6	2.5	-.06	.94
4	4	88	21	112.	3.1	4.4	4.2	6.3	6.7	2.3	2.2	.00	.94
4	4	88	22	117.	2.9	4.6	4.4	8.3	8.6	1.4	1.4	-.16	.93
4	4	88	23	121.	2.2	3.8	3.4	10.2	11.2	.7	.8	-.16	.92
4	4	88	24	127.	1.7	3.4	3.2	13.5	15.6	.5	.6	-.12	.92
5	4	88	1	115.	1.0	2.8	2.6	20.9	22.2	.2	.3	-.16	.92
5	4	88	2	111.	.5	1.4	1.4	54.3	62.3	.1	.2	-.16	.92
5	4	88	3	142.	.9	2.0	1.6	29.9	31.3	-.2	-.1	-.16	.92
5	4	88	4	197.	.1	1.4	1.2	57.1	91.6	-.7	-.5	-.12	.91
5	4	88	5	351.	99.0	99.0	99.0	55.2	81.8	-.7	-.6	-.12	.91
5	4	88	6	349.	99.0	99.0	99.0	34.0	35.9	-.7	-.6	-.12	.91
5	4	88	7	323.	99.0	99.0	99.0	17.1	23.5	-.8	-.6	-.16	.91
5	4	88	8	4.	.1	1.4	1.2	15.0	23.6	-.7	-.4	-.19	.91
5	4	88	9	267.	.6	1.8	1.6	36.7	52.4	.3	.6	-.28	.92
5	4	88	10	136.	.5	2.0	1.8	59.2	93.3	3.3	3.7	-.43	.95
5	4	88	11	122.	1.2	2.8	2.6	18.3	20.8	5.9	6.9	-.87	.84
5	4	88	12	129.	2.0	3.6	3.4	13.3	14.5	6.4	6.8	-.62	.78
5	4	88	13	131.	3.6	5.6	5.2	9.1	9.4	5.9	6.5	-.53	.79
5	4	88	14	127.	4.1	6.6	6.2	9.9	10.2	4.1	4.5	-.50	.85
5	4	88	15	128.	4.5	7.0	6.2	9.4	10.5	3.0	3.4	-.53	.94
5	4	88	16	127.	3.7	5.6	5.2	8.9	9.5	3.1	3.5	-.43	.91
5	4	88	17	127.	3.6	5.8	5.4	8.8	9.6	2.9	3.1	-.34	.90
5	4	88	18	122.	3.0	4.6	4.4	9.1	9.9	2.5	2.6	-.25	.91
5	4	88	19	125.	2.1	4.2	4.0	9.5	10.5	1.7	1.8	-.19	.93
5	4	88	20	141.	1.8	3.0	2.8	7.3	10.4	1.6	1.6	-.09	.92
5	4	88	21	125.	1.4	3.0	2.8	10.1	12.6	1.4	1.5	-.12	.92
5	4	88	22	153.	1.1	2.2	2.2	14.9	18.5	1.1	1.1	-.16	.92
5	4	88	23	127.	.9	1.8	1.6	14.8	20.9	.7	.8	-.16	.92
5	4	88	24	87.	1.2	2.0	1.8	8.6	13.5	.6	.7	-.12	.91
6	4	88	1	96.	.5	1.6	1.4	23.8	35.3	.7	.8	-.09	.92
6	4	88	2	342.	.5	1.8	1.6	53.1	87.8	.7	.7	.06	.91
6	4	88	3	305.	.4	1.4	1.4	24.6	32.9	.7	.7	-.06	.91
6	4	88	4	145.	.1	.6	.6	68.4	96.2	.8	.7	.00	.91
6	4	88	5	276.	.4	1.4	1.2	58.0	90.6	.9	.6	.12	.91
6	4	88	6	201.	.6	2.2	2.0	60.1	136.2	.9	.6	.16	.91
6	4	88	7	58.	.5	2.2	2.0	54.1	116.6	1.4	1.4	-.09	.92
6	4	88	8	104.	.9	1.8	1.6	13.4	18.8	2.2	2.3	-.34	.93
6	4	88	9	121.	1.2	2.4	2.2	14.2	15.9	2.6	2.8	-.31	.94
6	4	88	10	118.	1.3	2.8	2.6	14.1	16.9	3.7	4.1	-.43	.94
6	4	88	11	107.	1.6	2.8	2.6	11.1	13.3	4.6	4.9	-.37	.92
6	4	88	12	125.	2.4	4.4	4.2	9.3	11.8	5.2	5.3	-.37	.90
6	4	88	13	129.	3.4	5.8	5.0	9.2	9.5	4.7	4.8	-.34	.92
6	4	88	14	127.	3.3	5.4	5.0	10.3	10.9	3.9	4.0	-.31	.94
6	4	88	15	115.	3.2	5.0	4.4	8.9	9.9	3.8	3.9	-.31	.94
6	4	88	16	117.	3.7	5.4	5.2	6.9	7.2	3.6	3.6	-.31	.94
6	4	88	17	115.	3.5	5.8	5.4	8.6	8.8	3.2	3.2	-.22	.94
6	4	88	18	120.	2.9	4.6	4.4	9.2	10.8	3.0	3.0	-.16	.94
6	4	88	19	125.	2.4	4.2	4.0	9.4	10.3	2.7	2.7	-.12	.94
6	4	88	20	136.	1.9	3.4	3.2	11.1	12.6	2.5	2.5	-.09	.94
6	4	88	21	122.	1.9	4.0	3.6	11.7	14.5	2.2	2.2	-.09	.93
6	4	88	22	150.	1.2	2.6	2.4	13.4	16.0	2.0	2.0	-.09	.93
6	4	88	23	120.	.5	1.4	1.2	23.7	26.2	1.8	1.9	-.09	.93
6	4	88	24	143.	.8	1.8	1.8	16.3	19.2	1.7	1.6	-.03	.93

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	4	88	1	357.	.7	2.6	2.4	35.4	63.6	1.4	1.4	-.06	.92
7	4	88	2	51.	.7	1.8	1.6	22.1	35.6	1.1	1.1	-.03	.92
7	4	88	3	73.	.6	1.8	1.6	27.8	36.5	1.1	1.2	-.12	.92
7	4	88	4	350.	.5	1.6	1.6	27.7	43.7	.8	.9	-.12	.92
7	4	88	5	309.	1.0	2.2	2.0	14.9	20.4	.4	.5	-.12	.91
7	4	88	6	314.	1.0	2.0	1.8	9.2	12.3	-.1	.1	-.16	.91
7	4	88	7	315.	.9	1.8	1.6	16.5	18.8	-.1	.1	-.19	.91
7	4	88	8	221.	.3	1.8	1.6	55.2	82.5	.7	.8	-.06	.91
7	4	88	9	111.	.3	1.4	1.2	38.1	45.3	1.8	2.1	-.12	.93
7	4	88	10	139.	.8	1.8	1.8	35.9	41.4	2.4	2.8	-.12	.94
7	4	88	11	124.	1.6	2.6	2.4	11.6	12.0	2.7	2.9	-.28	.94
7	4	88	12	111.	2.7	4.2	4.0	8.8	11.0	3.5	3.8	-.47	.93
7	4	88	13	112.	3.2	5.0	4.6	8.3	9.1	4.6	4.8	-.40	.89
7	4	88	14	117.	3.1	5.4	5.2	9.5	10.9	5.3	5.6	-.40	.89
7	4	88	15	121.	2.7	4.2	4.0	9.8	11.5	6.6	6.8	-.37	.86
7	4	88	16	132.	1.7	3.0	3.0	12.2	15.4	7.7	7.9	-.25	.86
7	4	88	17	291.	1.4	4.4	4.4	42.7	89.6	8.2	8.0	.22	.84
7	4	88	18	295.	1.7	4.8	4.6	82.4	153.3	8.1	7.5	.31	.83
7	4	88	19	247.	1.3	4.8	4.6	63.6	105.8	9.0	8.2	.09	.74
7	4	88	20	287.	2.0	5.2	5.0	20.9	25.1	8.4	7.9	.22	.73
7	4	88	21	233.	1.6	2.8	2.6	25.6	27.8	7.7	6.9	.34	.75
7	4	88	22	304.	1.3	3.0	2.8	15.5	22.8	7.3	6.3	.31	.77
7	4	88	23	301.	1.7	4.6	4.2	11.3	14.1	7.0	6.1	.19	.78
7	4	88	24	271.	1.7	3.2	3.0	7.3	11.8	6.2	5.4	.37	.80
8	4	88	1	266.	2.4	4.4	4.0	9.1	9.7	6.0	5.4	.19	.79
8	4	88	2	284.	2.6	5.2	4.8	9.5	12.0	4.7	4.0	.43	.83
8	4	88	3	302.	2.6	4.8	4.6	9.0	13.7	3.6	3.0	.90	.86
8	4	88	4	299.	3.4	5.2	5.0	6.7	10.5	2.9	2.3	.81	.88
8	4	88	5	333.	2.0	4.0	4.0	12.8	17.4	2.8	2.3	.43	.86
8	4	88	6	299.	1.6	3.2	3.0	15.1	17.8	2.7	1.6	.25	.84
8	4	88	7	329.	4.0	10.4	10.0	13.8	18.0	2.8	2.7	-.03	.74
8	4	88	8	312.	6.4	12.8	12.2	11.4	13.0	3.4	3.4	-.12	.41
8	4	88	9	319.	7.5	13.6	12.8	12.1	12.3	3.4	3.6	-.22	.35
8	4	88	10	321.	8.5	15.8	15.0	11.6	12.0	3.3	3.6	-.31	.33
8	4	88	11	318.	8.6	15.8	14.8	11.8	12.1	2.9	3.2	-.31	.32
8	4	88	12	308.	9.8	16.4	15.6	11.2	12.3	2.7	3.0	-.34	.33
8	4	88	13	308.	10.4	15.8	14.6	11.9	12.7	3.2	3.7	-.43	.32
8	4	88	14	322.	8.5	15.2	14.4	12.3	13.0	3.3	3.7	-.34	.30
8	4	88	15	307.	8.6	15.0	14.4	10.4	11.1	2.8	3.1	-.37	.31
8	4	88	16	311.	8.0	13.6	12.8	13.3	14.6	2.6	2.8	-.25	.29
8	4	88	17	316.	8.4	14.0	13.6	11.3	11.9	2.5	2.8	-.34	.27
8	4	88	18	309.	7.7	14.6	13.6	11.2	12.1	1.8	2.0	-.25	.27
8	4	88	19	267.	5.1	10.6	9.8	13.1	29.3	1.3	1.2	-.19	.29
8	4	88	20	253.	3.4	7.2	6.6	17.4	17.7	.4	.3	-.03	.30
8	4	88	21	249.	2.8	7.4	6.8	22.5	22.8	-.1	-.2	.00	.33
8	4	88	22	294.	2.3	6.2	5.6	40.6	45.9	-.3	-.5	.03	.37
8	4	88	23	281.	3.7	7.8	7.4	15.8	18.7	.5	.4	.00	.43
8	4	88	24	308.	4.5	11.6	10.6	12.1	17.4	.9	1.0	.03	.42
9	4	88	1	297.	6.5	13.4	12.4	15.5	15.7	1.4	1.3	-.03	.41
9	4	88	2	290.	7.1	13.4	12.6	12.2	12.4	1.2	1.2	-.06	.41
9	4	88	3	295.	6.8	14.0	12.6	14.7	14.7	1.0	1.0	-.06	.41
9	4	88	4	301.	6.2	13.2	12.6	13.3	13.6	1.0	.9	-.03	.42
9	4	88	5	305.	7.2	12.6	11.8	9.4	9.5	1.0	1.0	-.03	.40
9	4	88	6	325.	4.7	9.8	9.2	15.0	17.3	1.5	1.4	-.03	.38
9	4	88	7	322.	5.2	12.6	12.2	15.1	15.5	2.4	2.7	-.09	.37
9	4	88	8	325.	6.7	14.0	13.4	13.8	14.3	3.1	3.4	-.25	.35
9	4	88	9	318.	6.3	14.6	13.6	14.9	16.3	3.7	4.0	-.25	.33
9	4	88	10	319.	6.9	14.4	13.0	12.1	12.7	3.9	4.3	-.43	.33
9	4	88	11	304.	7.0	13.6	12.8	12.3	13.6	4.2	4.3	-.47	.32
9	4	88	12	305.	7.5	13.0	12.4	11.1	11.6	3.9	4.4	-.40	.32
9	4	88	13	312.	7.3	12.8	12.2	11.3	11.8	4.0	4.5	-.47	.31
9	4	88	14	309.	8.2	13.6	12.8	10.1	10.6	3.5	4.0	-.43	.31
9	4	88	15	308.	8.3	14.0	13.2	10.7	11.1	3.3	3.8	-.43	.31
9	4	88	16	318.	8.0	13.6	12.4	11.0	11.4	3.0	3.5	-.34	.32
9	4	88	17	318.	7.4	12.8	12.2	11.1	11.4	3.1	3.4	-.31	.32
9	4	88	18	315.	6.2	11.8	10.6	11.7	11.9	2.6	2.9	-.25	.33
9	4	88	19	318.	6.2	12.0	11.4	11.3	11.5	1.6	1.5	-.16	.34
9	4	88	20	322.	5.0	8.8	8.4	11.0	11.9	.6	.5	-.09	.35
9	4	88	21	281.	3.2	6.4	5.8	14.4	19.7	.0	-.2	-.06	.34
9	4	88	22	307.	3.2	6.8	6.4	11.7	19.0	-.6	-.8	-.06	.34
9	4	88	23	304.	2.8	5.2	5.0	7.8	8.9	-1.1	-1.3	.00	.36
9	4	88	24	299.	2.6	3.6	3.4	6.3	7.4	-1.7	-1.9	-.03	.41

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	4	88	1	302.	2.7	3.8	3.6	4.9	5.8	-2.0	-2.2	.00	.46
10	4	88	2	69.	2.0	3.4	3.2	46.7	68.7	-2.5	-2.8	.16	.51
10	4	88	3	139.	1.0	2.4	2.4	48.1	97.4	-2.7	-3.3	.06	.53
10	4	88	4	180.	1.7	3.2	3.0	8.1	14.1	-2.6	-2.8	.12	.51
10	4	88	5	179.	2.0	4.2	4.0	10.6	14.9	-2.6	-2.7	.03	.48
10	4	88	6	148.	2.5	4.8	4.6	8.1	16.7	-2.4	-2.5	.03	.51
10	4	88	7	163.	3.4	6.2	5.8	12.7	17.3	-2.7	-2.5	-.22	.60
10	4	88	8	155.	3.8	9.8	9.4	12.8	20.3	-2.3	-2.1	-.12	.73
10	4	88	9	153.	5.2	9.8	9.4	14.1	14.9	-.3	-.1	-.16	.76
10	4	88	10	143.	5.4	11.2	10.2	13.8	15.2	.1	.3	-.25	.76
10	4	88	11	170.	4.0	9.8	8.6	14.1	18.0	1.0	1.4	-.37	.77
10	4	88	12	229.	2.4	5.4	5.0	19.2	28.1	2.6	3.1	-1.02	.73
10	4	88	13	247.	2.1	6.2	5.4	25.1	26.6	4.7	5.2	-1.34	.67
10	4	88	14	269.	3.5	9.4	9.0	25.3	28.8	6.8	7.1	-1.27	.59
10	4	88	15	283.	5.7	14.4	13.8	18.4	19.7	6.8	7.1	-.53	.49
10	4	88	16	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
10	4	88	17	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
10	4	88	18	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
10	4	88	19	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
10	4	88	20	278.	6.4	13.4	12.6	14.0	14.1	4.2	4.2	-.03	.55
10	4	88	21	294.	5.0	11.6	10.6	20.1	21.5	3.7	3.6	-.03	.55
10	4	88	22	290.	6.4	14.6	12.8	20.0	20.2	3.9	3.8	.00	.52
10	4	88	23	298.	5.1	12.8	12.6	24.1	24.6	3.8	3.7	-.03	.54
10	4	88	24	284.	8.0	19.0	16.6	15.0	16.3	3.6	3.5	-.03	.50
11	4	88	1	290.	8.8	21.8	19.0	16.5	16.6	3.2	3.2	-.06	.53
11	4	88	2	299.	7.6	15.8	15.4	17.4	17.5	2.6	2.6	-.06	.47
11	4	88	3	309.	8.2	16.4	15.4	13.5	14.1	1.8	1.8	-.09	.46
11	4	88	4	301.	7.1	15.2	13.6	14.4	17.0	1.2	1.1	-.06	.43
11	4	88	5	312.	6.0	13.4	13.0	15.0	17.3	1.0	.8	-.06	.43
11	4	88	6	288.	6.2	12.4	11.2	13.1	14.9	.9	.9	-.09	.42
11	4	88	7	299.	4.8	11.6	11.0	20.3	20.5	1.2	1.7	-.28	.44
11	4	88	8	299.	6.4	12.6	12.0	17.8	18.1	1.6	2.0	-.43	.41
11	4	88	9	299.	6.3	13.0	11.4	15.9	17.3	2.1	2.6	-.50	.41
11	4	88	10	304.	6.7	13.4	12.0	14.0	14.3	2.8	3.3	-.59	.37
11	4	88	11	316.	7.0	11.8	11.4	11.2	11.6	3.2	3.7	-.47	.31
11	4	88	12	314.	6.8	11.4	11.2	11.8	12.7	3.6	4.2	-.50	.31
11	4	88	13	309.	6.0	11.2	10.4	11.3	12.3	4.0	4.7	-.53	.27
11	4	88	14	316.	5.6	10.0	9.4	10.8	11.3	4.5	5.2	-.50	.26
11	4	88	15	315.	5.9	10.2	9.2	9.7	10.5	4.5	5.1	-.47	.22
11	4	88	16	333.	5.6	11.0	10.6	13.7	16.8	4.4	4.9	-.25	.21
11	4	88	17	326.	4.2	9.6	9.0	14.9	15.7	4.4	4.9	-.16	.27
11	4	88	18	318.	4.0	8.4	7.8	14.8	16.2	4.1	4.5	-.25	.29
11	4	88	19	315.	3.7	7.0	6.8	11.8	12.8	3.1	2.9	-.16	.34
11	4	88	20	328.	2.0	6.8	6.4	15.7	17.0	1.9	1.7	-.12	.45
11	4	88	21	278.	1.4	2.6	2.6	9.5	15.8	1.1	.5	.03	.47
11	4	88	22	299.	2.1	3.2	3.0	5.4	14.7	.7	.1	.12	.49
11	4	88	23	325.	1.6	3.0	2.8	11.9	17.2	.1	-.6	.12	.54
11	4	88	24	288.	1.9	3.8	3.6	9.4	13.7	-.6	-1.2	.22	.63
12	4	88	1	305.	2.1	3.8	3.6	6.3	9.4	-1.0	-1.4	.16	.70
12	4	88	2	302.	2.3	3.0	2.8	5.4	8.7	-1.4	-1.8	.16	.70
12	4	88	3	307.	2.4	3.8	3.6	7.3	11.9	-1.9	-2.3	.16	.77
12	4	88	4	322.	2.6	5.0	4.8	8.7	10.8	-2.4	-2.7	.06	.80
12	4	88	5	325.	2.4	4.8	4.6	15.5	19.3	-2.7	-3.2	.03	.80
12	4	88	6	302.	2.9	4.8	4.6	7.7	9.6	-2.3	-2.3	-.06	.77
12	4	88	7	298.	3.4	6.2	5.8	8.3	9.8	-1.6	-1.0	-.25	.72
12	4	88	8	311.	3.8	6.8	6.4	9.3	11.5	.1	.7	-.50	.65
12	4	88	9	292.	3.8	7.4	7.0	14.1	15.1	1.7	2.5	-.81	.57
12	4	88	10	274.	3.4	6.4	6.0	17.6	19.6	2.9	3.6	-.93	.53
12	4	88	11	225.	3.4	7.8	7.6	20.8	24.8	4.3	4.8	-1.09	.51
12	4	88	12	253.	3.5	8.0	7.6	24.0	28.8	5.4	6.0	-.99	.51
12	4	88	13	277.	3.3	7.0	6.4	22.3	24.3	6.6	7.1	-.99	.49
12	4	88	14	266.	3.2	7.8	7.6	18.8	21.2	7.3	8.0	-.99	.45
12	4	88	15	285.	3.2	7.6	7.2	23.6	28.2	7.8	8.6	-.93	.44
12	4	88	16	283.	3.7	8.6	8.0	17.0	18.2	7.7	8.5	-.84	.47
12	4	88	17	292.	4.3	8.0	7.4	15.3	16.8	7.0	7.6	-.68	.51
12	4	88	18	295.	3.8	7.4	6.8	16.0	16.3	6.5	6.9	-.53	.51
12	4	88	19	304.	3.8	8.4	7.8	14.9	15.3	5.1	5.2	-.22	.54
12	4	88	20	290.	2.8	6.4	6.0	12.7	13.5	3.8	3.6	-.06	.58
12	4	88	21	307.	2.9	6.2	6.0	12.0	14.5	3.1	2.8	.03	.64
12	4	88	22	309.	4.8	8.6	8.2	9.7	10.7	2.6	2.5	-.06	.65
12	4	88	23	309.	4.5	8.2	7.4	11.6	13.7	1.9	1.8	-.06	.66
12	4	88	24	325.	3.7	7.0	6.4	11.8	15.4	1.4	1.1	-.06	.64

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	4	88	1	323.	4.8	11.2	10.4	10.8	11.2	1.0	.9	-.06	.61
13	4	88	2	321.	3.7	8.0	7.6	10.3	10.9	.5	.3	-.06	.63
13	4	88	3	332.	4.4	8.4	7.6	8.9	9.6	.2	.0	-.03	.62
13	4	88	4	335.	4.5	8.0	7.2	9.5	9.7	.1	.0	-.06	.61
13	4	88	5	325.	4.9	8.0	7.6	8.0	9.2	.1	-.1	-.03	.61
13	4	88	6	342.	3.8	7.8	7.4	13.5	17.8	.4	.4	-.03	.62
13	4	88	7	337.	3.4	7.2	7.0	11.9	12.9	1.3	1.9	.06	.60
13	4	88	8	349.	4.0	9.6	9.0	13.9	14.8	2.5	3.1	-.12	.56
13	4	88	9	337.	3.9	7.8	7.2	14.1	15.9	3.5	4.2	-.22	.51
13	4	88	10	336.	4.0	9.0	8.6	18.7	20.9	4.4	5.1	-.37	.47
13	4	88	11	312.	3.6	8.6	8.0	17.3	25.1	5.2	6.1	-.59	.42
13	4	88	12	315.	4.0	9.0	8.8	15.3	17.1	5.9	6.9	-.84	.43
13	4	88	13	304.	4.4	8.0	7.6	17.2	20.5	6.3	7.1	-.50	.38
13	4	88	14	325.	5.7	9.6	9.2	12.6	14.2	6.1	6.8	-.47	.41
13	4	88	15	307.	6.3	11.6	10.8	11.7	12.9	5.3	5.7	-.31	.45
13	4	88	16	305.	6.7	11.8	11.4	11.8	12.2	5.4	6.1	-.50	.43
13	4	88	17	309.	6.9	11.6	11.0	9.9	10.3	5.2	5.7	-.40	.45
13	4	88	18	311.	6.9	12.2	11.8	10.9	11.4	4.4	4.7	-.28	.47
13	4	88	19	311.	5.8	10.6	10.4	11.3	11.5	3.5	3.5	-.16	.49
13	4	88	20	314.	4.2	8.2	7.4	11.3	11.5	2.3	2.2	-.09	.51
13	4	88	21	291.	3.3	6.6	6.0	10.1	13.0	1.7	1.5	-.03	.54
13	4	88	22	298.	2.9	5.8	5.6	9.6	14.7	1.1	.8	-.03	.56
13	4	88	23	312.	2.6	4.6	4.6	11.2	12.3	.5	.2	.00	.57
13	4	88	24	321.	2.9	4.4	4.0	6.4	8.7	.2	-.2	-.03	.58
14	4	88	1	322.	2.7	3.8	3.6	4.9	6.9	-.3	-.7	.03	.60
14	4	88	2	298.	3.2	4.2	4.0	4.2	6.4	-.9	-1.2	.03	.64
14	4	88	3	309.	2.6	3.6	3.4	4.2	7.3	-1.4	-1.7	.03	.69
14	4	88	4	311.	2.7	3.6	3.4	3.1	4.7	-1.8	-2.1	.00	.69
14	4	88	5	304.	2.5	3.2	3.0	3.4	5.1	-2.2	-2.4	.03	.72
14	4	88	6	299.	1.9	2.6	2.4	4.4	5.6	-2.2	-2.1	-.16	.73
14	4	88	7	309.	1.4	2.4	2.4	9.9	12.4	-1.5	-.8	-.22	.71
14	4	88	8	259.	.7	1.6	1.6	27.4	35.4	.9	1.7	-.50	.60
14	4	88	9	229.	1.2	5.0	4.8	44.3	53.3	2.5	3.1	-.75	.56
14	4	88	10	281.	2.6	7.4	6.8	24.9	28.0	1.5	2.0	-.56	.67
14	4	88	11	207.	2.4	7.6	7.4	61.7	81.9	2.9	3.7	-.65	.68
14	4	88	12	195.	5.0	8.8	8.4	10.5	11.1	3.0	3.7	-.43	.66
14	4	88	13	197.	4.9	8.8	8.4	11.8	12.8	3.6	4.3	-.43	.62
14	4	88	14	211.	4.2	7.6	7.0	13.5	15.2	4.0	4.6	-.37	.66
14	4	88	15	224.	5.5	11.6	10.8	15.8	16.2	5.1	5.4	-.37	.71
14	4	88	16	209.	5.3	11.2	10.8	16.5	17.3	5.4	6.0	-.53	.74
14	4	88	17	190.	4.2	8.2	7.8	13.3	14.7	4.9	5.4	-.43	.80
14	4	88	18	209.	4.4	8.6	8.2	11.9	14.0	4.9	5.1	-.25	.80
14	4	88	19	181.	4.3	8.4	7.6	10.2	14.7	4.7	4.6	-.12	.81
14	4	88	20	200.	3.0	5.4	5.2	10.1	13.2	3.6	3.3	.00	.87
14	4	88	21	211.	4.7	8.2	7.8	8.6	9.2	3.4	3.2	.00	.82
14	4	88	22	208.	4.9	8.8	8.2	11.2	12.0	3.0	2.8	.00	.79
14	4	88	23	205.	4.8	9.4	8.8	12.1	13.0	2.8	2.7	-.06	.79
14	4	88	24	218.	5.1	9.8	8.8	11.2	12.0	2.4	2.3	-.06	.82
15	4	88	1	209.	4.2	9.0	8.0	13.3	13.8	1.9	1.8	-.09	.85
15	4	88	2	212.	5.0	10.4	9.4	14.7	15.1	1.8	1.8	-.06	.87
15	4	88	3	198.	5.1	10.4	9.6	10.2	13.4	2.0	1.9	-.06	.83
15	4	88	4	195.	3.5	6.4	6.2	11.2	11.9	1.5	1.3	-.03	.84
15	4	88	5	212.	4.1	7.8	7.6	10.6	11.3	1.2	1.0	-.03	.87
15	4	88	6	197.	4.3	8.0	7.4	8.7	11.4	1.5	1.4	-.06	.90
15	4	88	7	191.	3.7	5.8	5.6	8.3	8.6	2.0	2.4	-.25	.90
15	4	88	8	194.	3.0	5.6	5.2	12.9	13.6	3.1	3.9	-.43	.86
15	4	88	9	201.	3.5	6.4	6.0	12.4	13.7	4.2	5.1	-.56	.80
15	4	88	10	193.	4.4	8.2	7.6	14.3	15.7	4.8	5.8	-.56	.81
15	4	88	11	180.	3.5	7.8	7.2	18.5	20.4	5.6	6.7	-.78	.82
15	4	88	12	124.	3.6	6.6	6.2	16.9	21.6	6.1	7.2	-.47	.86
15	4	88	13	156.	3.7	7.2	6.8	17.4	20.1	6.7	7.8	-.40	.86
15	4	88	14	166.	3.9	6.8	6.4	13.8	14.9	7.4	8.5	-.40	.85
15	4	88	15	194.	4.1	9.0	8.8	14.7	17.0	7.7	8.8	-.43	.87
15	4	88	16	172.	4.3	8.8	8.4	12.7	17.8	7.5	8.5	-.37	.87
15	4	88	17	121.	3.4	6.4	6.0	12.1	20.3	7.2	7.9	-.25	.89
15	4	88	18	167.	3.4	6.6	6.4	15.0	23.0	6.8	7.0	-.12	.88
15	4	88	19	152.	3.0	5.6	5.4	11.2	13.9	6.0	6.1	-.12	.92
15	4	88	20	183.	2.6	5.0	4.6	12.9	15.9	5.7	5.7	.00	.95
15	4	88	21	186.	3.1	5.4	5.0	12.0	12.3	5.7	5.7	-.06	.94
15	4	88	22	136.	2.9	5.8	5.6	12.9	19.8	5.4	5.4	-.09	.96
15	4	88	23	167.	2.7	5.2	5.0	11.5	17.4	4.7	4.8	-.09	.96
15	4	88	24	150.	2.4	4.4	4.2	13.5	15.8	4.6	4.6	-.03	.96

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	4	88	1	122.	1.8	3.2	3.0	13.9	18.9	4.5	4.5	-.06	.96
16	4	88	2	132.	2.0	3.4	3.2	11.6	13.3	4.2	4.2	-.03	.96
16	4	88	3	142.	2.7	5.4	5.2	10.1	11.5	4.2	4.1	.03	.96
16	4	88	4	131.	2.3	4.6	4.4	12.2	13.6	4.4	4.3	.00	.96
16	4	88	5	150.	2.0	3.6	3.4	11.5	13.0	4.4	4.4	.09	.96
16	4	88	6	165.	2.8	4.8	4.6	12.3	17.3	4.7	4.8	-.06	.96
16	4	88	7	163.	2.1	5.4	5.2	19.1	22.0	5.4	5.5	-.06	.94
16	4	88	8	176.	2.8	5.2	4.8	16.3	17.3	5.9	6.2	-.06	.92
16	4	88	9	207.	4.1	8.0	7.6	13.0	15.9	7.0	7.3	-.19	.90
16	4	88	10	125.	3.0	6.2	6.0	14.2	32.8	7.3	7.6	-.22	.91
16	4	88	11	135.	3.1	5.0	4.8	9.2	10.3	5.5	5.8	-.16	.96
16	4	88	12	122.	3.1	5.6	5.4	9.7	10.1	6.1	6.4	-.22	.96
16	4	88	13	121.	3.8	6.2	5.8	10.1	10.2	5.5	5.8	-.25	.96
16	4	88	14	124.	3.8	6.2	6.0	9.9	10.4	5.4	5.7	-.19	.96
16	4	88	15	128.	4.2	6.2	6.0	8.3	8.9	4.9	5.1	-.12	.96
16	4	88	16	125.	3.5	5.6	5.2	8.2	8.6	5.0	5.2	-.16	.96
16	4	88	17	138.	3.6	7.0	6.4	8.0	8.8	5.0	5.1	-.12	.96
16	4	88	18	129.	4.1	6.8	6.4	9.3	10.5	4.8	4.9	-.12	.96
16	4	88	19	143.	3.0	6.8	6.6	13.6	15.2	4.7	4.8	-.12	.96
16	4	88	20	120.	2.0	3.8	3.8	10.4	13.5	4.7	4.8	-.09	.96
16	4	88	21	121.	2.3	3.6	3.4	8.4	8.8	4.6	4.7	-.09	.96
16	4	88	22	118.	2.2	3.6	3.2	8.3	9.8	4.6	4.6	-.09	.96
16	4	88	23	122.	2.3	3.4	3.4	7.6	8.4	4.6	4.6	-.09	.96
16	4	88	24	131.	2.3	3.6	3.4	8.0	9.2	4.6	4.6	-.06	.96
17	4	88	1	150.	2.1	3.4	3.2	10.3	12.1	4.8	4.8	.00	.96
17	4	88	2	148.	1.9	3.2	3.0	9.8	11.2	4.9	4.9	.00	.96
17	4	88	3	167.	2.2	3.6	3.4	12.3	13.6	5.1	5.1	-.06	.96
17	4	88	4	146.	2.3	4.2	4.0	10.8	13.7	5.2	5.2	-.03	.96
17	4	88	5	142.	1.9	3.2	2.8	9.7	10.6	5.0	5.0	.00	.96
17	4	88	6	114.	2.3	4.0	3.8	9.3	12.5	4.8	4.9	-.06	.96
17	4	88	7	121.	2.5	4.2	3.8	10.1	11.1	4.8	4.9	-.09	.96
17	4	88	8	120.	2.9	4.2	4.0	7.8	8.6	4.8	5.0	-.12	.96
17	4	88	9	127.	2.6	4.4	4.4	11.8	13.2	5.0	5.2	-.12	.96
17	4	88	10	103.	2.3	3.6	3.6	8.4	9.6	5.3	5.4	-.12	.96
17	4	88	11	125.	2.4	4.2	4.0	10.1	12.6	5.7	6.0	-.16	.96
17	4	88	12	110.	2.2	3.6	3.4	11.4	12.7	6.3	6.7	-.22	.96
17	4	88	13	127.	2.6	4.6	4.4	8.3	10.2	6.4	6.7	-.19	.96
17	4	88	14	129.	2.8	4.2	4.0	9.4	11.1	7.1	7.6	-.22	.96
17	4	88	15	110.	2.7	4.4	4.2	10.2	11.5	7.7	8.2	-.43	.96
17	4	88	16	120.	3.0	5.0	4.6	8.9	9.6	8.3	9.0	-.37	.96
17	4	88	17	202.	2.2	6.2	5.4	24.9	40.3	10.3	10.4	.34	.96
17	4	88	18	120.	2.0	3.8	3.4	26.6	46.9	10.2	10.0	.47	.96
17	4	88	19	136.	2.1	3.6	3.4	15.1	21.3	8.9	8.8	.93	.96
17	4	88	20	173.	2.3	4.4	4.0	24.5	31.1	7.2	7.1	.68	.96
17	4	88	21	114.	2.4	3.8	3.6	17.6	28.1	6.8	6.5	.65	.96
17	4	88	22	83.	2.1	3.4	3.2	7.8	11.8	5.6	5.7	.19	.96
17	4	88	23	129.	1.7	4.0	3.8	34.5	45.9	6.1	5.7	1.15	.96
17	4	88	24	62.	2.2	5.6	5.4	23.0	27.5	5.7	5.5	.53	.96
18	4	88	1	67.	5.4	11.2	11.0	12.5	13.3	5.6	5.6	-.03	.96
18	4	88	2	42.	5.2	12.2	10.8	17.7	19.5	4.1	4.3	-.09	.87
18	4	88	3	42.	5.6	12.4	11.6	17.6	18.0	3.3	3.4	-.12	.85
18	4	88	4	32.	5.0	10.0	9.6	17.0	17.3	2.4	2.6	-.12	.83
18	4	88	5	17.	4.3	11.0	10.4	16.9	18.2	2.2	2.3	-.09	.78
18	4	88	6	17.	4.1	9.2	8.8	16.4	16.5	2.2	2.3	-.09	.74
18	4	88	7	21.	3.8	8.2	7.6	16.9	17.6	2.5	2.8	-.12	.69
18	4	88	8	35.	4.6	10.2	9.6	18.4	18.9	3.1	3.4	-.19	.62
18	4	88	9	41.	4.8	11.8	11.2	23.3	23.7	3.7	4.2	-.31	.61
18	4	88	10	53.	5.0	11.0	10.2	20.1	22.4	4.1	4.7	-.40	.60
18	4	88	11	59.	4.6	9.2	8.6	23.5	27.0	4.5	5.3	-.47	.60
18	4	88	12	42.	4.5	8.8	8.2	20.9	22.4	4.8	5.7	-.53	.59
18	4	88	13	63.	4.6	9.6	9.0	18.3	22.3	5.3	6.1	-.62	.56
18	4	88	14	48.	2.7	7.4	6.8	27.6	29.0	6.2	7.0	-.59	.53
18	4	88	15	75.	3.0	6.0	5.8	30.6	35.4	6.7	7.7	-.59	.51
18	4	88	16	76.	3.6	6.8	6.4	18.6	19.3	6.8	7.3	-.56	.50
18	4	88	17	49.	2.5	6.2	5.2	25.0	27.0	6.6	7.1	-.40	.51
18	4	88	18	39.	2.6	5.8	5.6	18.5	19.8	6.3	6.7	-.37	.52
18	4	88	19	30.	2.1	4.6	4.2	15.8	16.9	5.9	6.0	-.22	.52
18	4	88	20	24.	2.2	3.4	3.2	7.3	8.3	5.1	4.2	.09	.55
18	4	88	21	8.	2.6	4.2	4.0	6.7	9.5	4.5	3.5	.12	.55
18	4	88	22	351.	1.9	3.6	3.4	6.0	7.8	3.5	2.4	.28	.65
18	4	88	23	349.	2.1	3.6	3.4	5.3	6.0	2.6	1.5	.31	.71
18	4	88	24	354.	2.0	3.6	3.6	6.9	11.3	2.2	.9	.50	.72

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	4	88	1	342.	2.0	3.4	3.2	5.8	10.6	1.7	.2	.68	.82
19	4	88	2	343.	3.1	5.0	4.8	4.9	7.6	.0	-.5	1.24	.89
19	4	88	3	335.	3.4	5.2	4.8	5.8	7.7	-.2	-.6	.53	.87
19	4	88	4	325.	3.7	6.2	5.8	5.6	9.0	-.1	-.4	.25	.79
19	4	88	5	315.	3.0	4.8	4.6	4.2	7.2	-1.0	-1.1	.09	.88
19	4	88	6	330.	3.0	4.4	4.2	6.1	9.5	-.4	-.2	.19	.84
19	4	88	7	10.	2.4	4.4	4.2	9.4	16.9	.5	1.3	.16	.80
19	4	88	8	51.	1.9	5.0	4.6	20.9	30.9	3.1	4.2	.00	.71
19	4	88	9	49.	2.7	6.0	5.4	23.3	24.2	5.5	6.4	-.75	.62
19	4	88	10	67.	2.9	6.4	5.8	29.5	30.5	6.0	7.0	-.84	.64
19	4	88	11	63.	3.0	6.2	5.8	25.0	26.7	6.3	7.0	-.71	.64
19	4	88	12	70.	3.3	7.2	6.4	18.2	19.5	5.8	6.3	-.43	.64
19	4	88	13	55.	4.0	7.8	7.2	14.6	15.4	5.5	5.9	-.37	.63
19	4	88	14	28.	2.7	6.0	5.6	20.6	27.1	5.6	6.2	-.34	.67
19	4	88	15	14.	3.3	7.0	6.8	22.7	27.6	5.8	6.4	-.40	.68
19	4	88	16	24.	4.2	7.6	7.0	15.7	16.9	4.0	4.3	-.25	.80
19	4	88	17	20.	3.4	6.8	6.4	14.4	14.9	3.0	3.2	-.22	.90
19	4	88	18	15.	2.5	4.6	4.2	10.8	11.0	1.8	2.0	-.22	.96
19	4	88	19	335.	2.2	4.0	3.8	9.4	17.7	.6	.7	-.16	.96
19	4	88	20	337.	2.5	4.2	4.0	9.5	9.9	.3	.4	-.09	.96
19	4	88	21	332.	2.6	4.2	4.0	7.8	8.8	.6	.7	-.06	.96
19	4	88	22	353.	2.1	3.6	3.4	7.4	11.8	1.0	1.0	-.06	.96
19	4	88	23	14.	2.0	3.8	3.6	8.1	15.0	1.2	1.3	-.06	.96
19	4	88	24	4.	2.3	4.6	4.4	11.5	14.2	1.5	1.6	-.03	.94
20	4	88	1	1.	1.9	4.2	4.0	10.2	13.3	1.7	1.7	-.06	.94
20	4	88	2	13.	2.8	5.4	5.0	9.4	9.8	1.7	1.8	-.06	.94
20	4	88	3	13.	2.8	5.6	5.2	12.9	13.7	1.7	1.8	-.09	.93
20	4	88	4	13.	3.6	6.6	6.2	12.9	13.0	1.8	1.9	-.09	.91
20	4	88	5	11.	3.0	7.0	6.4	14.2	14.6	1.8	1.9	-.09	.90
20	4	88	6	6.	2.7	5.6	5.4	13.8	14.4	1.9	2.0	-.09	.89
20	4	88	7	7.	2.1	4.2	4.0	14.8	15.5	2.1	2.3	-.12	.87
20	4	88	8	8.	3.2	6.8	6.4	13.0	13.3	2.3	2.6	-.16	.87
20	4	88	9	18.	3.3	7.2	7.0	19.4	19.6	2.6	3.0	-.19	.86
20	4	88	10	30.	3.3	8.0	7.6	18.2	18.9	2.9	3.2	-.19	.86
20	4	88	11	24.	3.0	6.2	6.0	19.2	19.7	2.9	3.2	-.22	.88
20	4	88	12	11.	3.1	7.8	7.0	18.2	19.2	2.7	3.0	-.22	.93
20	4	88	13	13.	3.2	8.0	7.6	13.1	13.5	2.4	2.6	-.22	.95
20	4	88	14	13.	4.5	9.8	9.6	13.6	13.8	2.3	2.5	-.19	.95
20	4	88	15	20.	4.0	9.0	8.4	16.9	18.1	2.3	2.4	-.19	.95
20	4	88	16	14.	4.2	9.0	8.4	15.1	15.3	2.0	2.2	-.19	.96
20	4	88	17	17.	6.7	13.4	12.8	11.9	12.2	1.8	1.9	-.16	.96
20	4	88	18	7.	6.2	12.4	11.4	13.3	13.6	1.8	1.9	-.12	.95
20	4	88	19	353.	4.2	10.4	9.6	13.6	14.3	1.6	1.5	-.16	.96
20	4	88	20	336.	4.0	8.2	7.8	11.6	13.8	.7	.7	-.16	.96
20	4	88	21	335.	4.7	7.6	7.4	9.6	10.0	.5	.6	-.09	.96
20	4	88	22	329.	4.8	8.6	7.8	10.0	10.3	1.4	1.4	-.09	.95
20	4	88	23	311.	5.0	9.0	8.6	10.1	12.6	1.6	1.6	-.09	.95
20	4	88	24	309.	4.9	7.6	7.2	10.8	11.4	1.4	1.5	-.09	.96
21	4	88	1	307.	4.8	8.0	7.6	9.4	9.9	1.5	1.6	-.12	.96
21	4	88	2	309.	3.5	7.0	6.8	14.4	14.5	1.4	1.4	-.12	.96
21	4	88	3	292.	3.2	5.6	5.4	10.0	11.1	1.4	1.5	-.09	.96
21	4	88	4	304.	3.2	4.6	4.2	5.3	6.1	1.6	1.7	-.06	.96
21	4	88	5	304.	2.4	4.0	3.6	7.3	7.6	1.6	1.6	-.09	.96
21	4	88	6	314.	2.1	3.0	3.0	5.1	5.8	1.6	1.7	-.09	.96
21	4	88	7	343.	1.0	2.4	2.4	12.2	18.8	1.8	2.0	-.12	.96
21	4	88	8	28.	1.3	3.8	3.6	25.3	29.4	2.1	2.5	-.22	.95
21	4	88	9	59.	1.5	4.0	3.8	23.1	26.5	2.2	2.6	-.25	.95
21	4	88	10	56.	2.3	5.6	5.4	17.4	17.8	2.2	2.5	-.28	.93
21	4	88	11	60.	2.7	6.4	6.2	17.0	17.5	2.1	2.4	-.25	.92
21	4	88	12	52.	2.7	6.6	6.0	16.3	17.9	2.0	2.3	-.25	.92
21	4	88	13	37.	3.1	6.8	6.4	19.2	22.2	1.7	2.0	-.25	.90
21	4	88	14	41.	3.7	8.0	7.0	16.4	17.3	1.5	1.8	-.22	.91
21	4	88	15	32.	3.9	8.6	8.2	16.4	17.3	1.4	1.7	-.22	.91
21	4	88	16	8.	3.0	6.6	6.2	16.6	18.6	1.3	1.6	-.22	.93
21	4	88	17	15.	3.1	6.0	5.8	13.9	14.1	1.1	1.3	-.19	.94
21	4	88	18	22.	3.5	7.2	7.0	14.6	14.9	1.1	1.2	-.16	.93
21	4	88	19	13.	3.8	7.0	6.6	14.7	15.5	.9	1.1	-.12	.92
21	4	88	20	7.	3.7	9.4	8.6	15.5	16.5	.6	.8	-.12	.91
21	4	88	21	21.	4.1	10.4	9.2	16.5	17.2	.4	.5	-.12	.88
21	4	88	22	18.	5.2	10.2	9.6	14.5	14.9	.0	.2	-.12	.84
21	4	88	23	17.	5.4	10.2	9.8	13.3	13.6	-.5	-.3	-.16	.81
21	4	88	24	7.	6.3	12.8	12.6	13.0	13.5	-1.0	-.9	-.16	.75

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	4	88	1	351.	4.6	10.6	10.0	16.2	16.6	-1.3	-1.2	-.12	.70
22	4	88	2	11.	4.7	9.6	9.0	13.8	15.3	-1.0	-.9	-.12	.60
22	4	88	3	3.	3.8	8.4	7.8	15.3	15.5	-1.2	-1.0	-.16	.57
22	4	88	4	4.	3.3	7.4	7.0	14.2	14.5	-1.4	-1.3	-.12	.57
22	4	88	5	8.	4.0	8.4	8.0	12.3	12.8	-1.6	-1.4	-.12	.56
22	4	88	6	14.	4.3	7.8	7.4	12.3	12.9	-1.6	-1.4	-.16	.56
22	4	88	7	11.	4.8	9.8	9.4	12.8	13.7	-1.7	-1.5	-.19	.57
22	4	88	8	11.	5.2	10.4	9.6	13.6	14.1	-1.4	-.9	-.25	.56
22	4	88	9	13.	4.8	8.8	8.4	17.6	20.2	-.6	.3	-.43	.55
22	4	88	10	340.	5.1	9.4	9.0	13.6	16.0	-.1	.9	-.47	.53
22	4	88	11	353.	6.0	11.4	10.6	15.1	15.7	.1	1.0	-.43	.52
22	4	88	12	1.	5.2	10.4	9.8	16.4	17.2	.4	1.3	-.37	.50
22	4	88	13	0.	5.3	12.0	11.8	15.3	16.4	.8	1.7	-.31	.49
22	4	88	14	31.	5.3	11.8	11.2	17.0	21.0	1.6	2.7	-.40	.48
22	4	88	15	32.	4.7	10.6	10.2	16.3	21.2	1.4	2.3	-.31	.51
22	4	88	16	3.	4.9	13.2	12.2	19.1	22.5	1.0	1.7	-.34	.59
22	4	88	17	13.	4.5	10.8	9.8	16.1	18.8	.7	1.2	-.28	.65
22	4	88	18	7.	4.7	11.8	11.0	17.3	18.8	.9	1.3	-.19	.66
22	4	88	19	22.	3.8	15.2	14.0	16.9	21.7	.7	1.0	-.16	.72
22	4	88	20	14.	4.1	14.0	12.6	19.2	29.0	-.3	-.3	-.12	.77
22	4	88	21	329.	2.9	6.2	6.0	13.3	20.6	.0	-.1	-.12	.73
22	4	88	22	11.	3.5	6.6	6.4	9.7	22.2	-.1	-.2	-.03	.69
22	4	88	23	10.	4.3	8.2	7.8	11.8	12.2	.1	.0	-.09	.60
22	4	88	24	340.	4.1	8.2	7.6	11.8	17.0	.0	-.1	-.09	.56
23	4	88	1	337.	4.5	7.8	7.6	8.2	8.4	-.6	-.7	-.09	.58
23	4	88	2	336.	4.1	7.8	7.4	8.9	9.8	-1.0	-1.1	-.09	.57
23	4	88	3	339.	4.3	7.4	6.8	8.8	9.6	-1.3	-1.4	-.06	.58
23	4	88	4	346.	4.6	9.8	8.6	10.7	11.1	-1.0	-1.1	-.09	.54
23	4	88	5	339.	4.4	8.0	7.6	10.4	10.6	-1.4	-1.5	-.12	.54
23	4	88	6	328.	3.8	6.8	6.4	8.7	10.9	-1.1	-.8	-.12	.54
23	4	88	7	344.	3.8	7.6	7.4	13.5	15.0	-.2	.6	-.16	.54
23	4	88	8	359.	3.6	7.4	7.2	15.5	17.8	.7	1.6	-.28	.52
23	4	88	9	354.	3.8	7.6	7.2	17.0	17.7	1.5	2.5	-.34	.52
23	4	88	10	336.	3.8	7.6	7.0	18.8	20.5	2.4	3.6	-.53	.52
23	4	88	11	357.	4.2	9.6	9.2	17.7	21.3	3.0	4.2	-.56	.50
23	4	88	12	329.	4.1	8.2	7.8	20.3	24.3	3.7	5.0	-.50	.48
23	4	88	13	309.	4.7	8.6	8.0	16.9	21.3	4.2	5.4	-.59	.47
23	4	88	14	359.	4.1	9.2	8.4	17.1	19.9	4.8	6.1	-.37	.44
23	4	88	15	11.	3.3	8.6	8.0	21.8	24.1	5.0	6.0	-.34	.43
23	4	88	16	322.	3.4	8.2	7.4	21.5	26.7	5.3	6.2	-.34	.41
23	4	88	17	357.	2.6	6.4	6.0	23.4	26.1	5.2	5.9	-.25	.40
23	4	88	18	356.	2.9	6.4	5.8	22.3	24.1	5.5	6.4	-.22	.40
23	4	88	19	315.	3.9	7.4	7.0	13.6	18.5	4.8	5.1	-.22	.43
23	4	88	20	323.	4.2	7.8	7.2	11.6	12.2	3.4	3.3	-.12	.48
23	4	88	21	305.	3.9	6.0	5.8	9.4	11.2	2.3	2.1	-.09	.53
23	4	88	22	308.	2.7	5.2	5.0	8.8	10.7	1.5	1.3	-.09	.55
23	4	88	23	321.	3.5	5.8	5.6	8.7	9.8	1.1	.8	-.03	.57
23	4	88	24	323.	3.2	5.8	5.0	7.0	9.7	.6	.4	.00	.59
24	4	88	1	321.	3.3	5.4	5.0	6.9	8.0	.2	.1	.00	.62
24	4	88	2	316.	2.9	4.4	4.2	6.1	8.9	-.1	-.4	.00	.63
24	4	88	3	311.	3.2	4.6	4.4	5.3	6.0	-.4	-.6	.00	.65
24	4	88	4	321.	3.1	4.2	4.0	4.9	6.3	-.8	-1.0	.03	.68
24	4	88	5	322.	3.1	4.4	4.4	6.6	7.6	-1.1	-1.3	-.03	.68
24	4	88	6	314.	2.9	4.6	4.4	7.8	8.6	-1.0	-.7	-.16	.68
24	4	88	7	308.	2.8	4.4	4.0	9.0	9.6	-.3	.7	-.34	.67
24	4	88	8	291.	2.1	3.4	3.2	11.3	14.0	1.3	2.3	-.75	.64
24	4	88	9	285.	1.9	3.2	3.0	10.9	11.8	2.7	3.6	-1.09	.60
24	4	88	10	309.	1.5	3.2	3.0	23.6	25.9	4.3	5.3	-1.37	.56
24	4	88	11	309.	2.0	4.6	4.4	20.7	22.6	4.8	6.1	-1.18	.53
24	4	88	12	295.	2.2	4.8	4.6	24.5	26.2	5.3	6.7	-.99	.52
24	4	88	13	281.	2.2	5.4	5.2	32.4	34.7	5.9	7.2	-1.06	.48
24	4	88	14	232.	2.5	4.8	4.4	25.9	30.4	6.4	7.4	-1.12	.48
24	4	88	15	194.	3.8	7.2	6.8	24.5	34.8	6.3	7.4	-.93	.57
24	4	88	16	193.	5.0	8.4	7.8	10.4	11.5	5.8	7.0	-.71	.63
24	4	88	17	183.	4.0	7.4	6.6	12.3	13.7	5.7	6.6	-.47	.64
24	4	88	18	157.	2.4	4.8	4.6	20.9	24.0	6.1	7.0	-.25	.65
24	4	88	19	283.	1.8	4.6	4.2	50.3	65.1	5.7	6.2	-.09	.67
24	4	88	20	309.	3.9	9.4	8.8	18.5	20.9	4.8	4.5	-.09	.60
24	4	88	21	318.	3.4	6.4	6.0	11.8	15.6	3.6	3.4	-.06	.63
24	4	88	22	328.	4.0	7.0	6.6	9.0	9.4	2.9	2.6	-.06	.62
24	4	88	23	328.	3.8	6.6	6.2	7.7	8.4	2.4	2.1	-.03	.64
24	4	88	24	342.	3.4	6.0	5.6	7.7	12.7	2.0	1.7	.00	.64

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	4	88	1	301.	3.1	5.0	4.8	9.8	16.0	1.7	1.3	-.03	.65
25	4	88	2	342.	2.5	4.8	4.6	10.8	24.8	.9	.6	-.03	.67
25	4	88	3	350.	3.1	6.0	5.6	9.0	9.6	.5	.3	-.03	.67
25	4	88	4	314.	3.2	6.0	5.8	8.0	16.8	.3	.0	.00	.67
25	4	88	5	318.	3.6	6.0	5.8	8.1	10.1	.0	-.2	-.03	.71
25	4	88	6	344.	3.6	6.2	5.8	9.2	11.2	.4	.8	-.06	.69
25	4	88	7	325.	3.0	6.0	5.4	14.0	15.2	1.5	2.4	-.12	.66
25	4	88	8	356.	3.5	8.6	8.0	19.3	24.6	2.9	3.8	-.31	.64
25	4	88	9	10.	4.0	7.8	7.6	19.1	21.5	3.5	4.5	-.40	.63
25	4	88	10	14.	3.1	7.2	7.0	33.7	34.8	4.6	5.9	-.62	.62
25	4	88	11	24.	3.5	7.0	6.8	32.2	37.6	5.4	6.5	-.96	.62
25	4	88	12	22.	2.7	6.4	6.0	39.8	57.6	5.0	5.7	-.47	.60
25	4	88	13	89.	2.1	7.4	7.0	34.6	51.0	5.5	6.4	-.53	.58
25	4	88	14	264.	2.0	4.8	4.6	60.4	82.1	5.9	6.6	-.62	.58
25	4	88	15	108.	1.6	4.4	4.4	58.7	122.1	5.8	6.3	-.43	.56
25	4	88	16	149.	1.8	4.4	4.4	35.6	45.5	5.6	6.2	-.37	.60
25	4	88	17	170.	1.0	3.0	2.8	48.5	51.2	6.1	6.7	-.34	.58
25	4	88	18	121.	1.7	4.0	3.8	41.8	64.7	5.5	5.9	-.37	.61
25	4	88	19	162.	1.5	2.8	2.6	12.3	19.7	4.0	3.8	-.09	.75
25	4	88	20	273.	.4	1.6	1.6	63.0	81.9	3.5	2.4	.12	.81
25	4	88	21	273.	1.3	2.6	2.4	23.2	31.2	3.0	2.3	.19	.75
25	4	88	22	305.	1.4	2.4	2.4	8.7	17.3	2.9	1.1	.16	.78
25	4	88	23	342.	2.3	4.2	4.2	3.7	18.7	1.7	.8	.75	.83
25	4	88	24	340.	3.0	4.4	4.2	4.7	7.2	1.1	.4	.53	.79
26	4	88	1	309.	2.4	3.8	3.6	6.3	13.8	.3	-.4	.43	.87
26	4	88	2	328.	2.7	4.6	4.4	8.2	13.1	-.7	-1.0	.75	.92
26	4	88	3	314.	2.7	5.0	4.4	9.9	16.1	-.7	-1.1	.62	.89
26	4	88	4	309.	2.6	3.6	3.4	8.3	12.7	-.9	-1.2	.43	.88
26	4	88	5	336.	2.8	4.8	4.4	6.0	12.7	-.4	-.8	.22	.81
26	4	88	6	318.	2.9	5.4	5.0	10.1	11.5	.2	.5	.00	.71
26	4	88	7	325.	2.5	5.0	4.6	12.3	13.4	1.2	2.0	-.22	.65
26	4	88	8	309.	2.4	5.6	5.4	22.1	25.8	2.6	3.7	-.40	.58
26	4	88	9	6.	3.0	6.8	6.2	20.1	29.6	3.6	4.5	-.50	.53
26	4	88	10	28.	3.8	7.6	7.4	17.9	19.4	4.4	5.4	-.56	.49
26	4	88	11	4.	3.4	7.4	6.6	28.0	31.3	5.3	6.6	-.68	.47
26	4	88	12	359.	4.3	8.6	8.2	17.0	20.9	5.7	6.9	-.50	.50
26	4	88	13	30.	3.8	7.8	7.4	23.0	27.4	6.5	7.7	-.68	.50
26	4	88	14	353.	3.0	6.6	6.2	35.3	40.7	7.3	8.6	-.59	.50
26	4	88	15	354.	2.7	7.2	6.6	41.8	43.0	7.7	9.0	-.53	.48
26	4	88	16	6.	2.8	6.8	6.6	31.0	34.4	7.9	9.2	-.50	.47
26	4	88	17	166.	2.3	5.2	5.0	55.1	93.7	7.9	9.2	-.34	.48
26	4	88	18	186.	2.8	5.0	4.6	13.8	15.1	6.7	7.7	-.28	.57
26	4	88	19	188.	2.4	5.0	4.8	13.5	15.4	5.7	6.3	-.22	.59
26	4	88	20	200.	1.3	2.8	2.6	10.7	13.0	4.4	3.9	-.16	.63
26	4	88	21	264.	1.1	2.0	2.0	11.5	22.7	3.3	2.7	.19	.66
26	4	88	22	321.	1.5	2.4	2.2	8.0	29.5	3.1	2.2	.12	.69
26	4	88	23	336.	2.8	3.8	3.6	2.4	12.9	2.0	.9	.71	.82
26	4	88	24	339.	3.8	5.6	5.4	4.7	5.1	1.0	.5	.40	.83
27	4	88	1	332.	3.6	4.8	4.4	3.7	5.1	-.1	-.4	.62	.88
27	4	88	2	318.	3.0	3.8	3.6	4.2	5.8	-.7	-1.0	.25	.92
27	4	88	3	302.	2.7	3.6	3.4	3.7	6.6	-.9	-1.2	.22	.91
27	4	88	4	307.	2.8	3.6	3.4	2.8	4.7	-1.0	-1.3	.12	.91
27	4	88	5	326.	3.0	4.0	3.8	4.7	8.0	-.8	-1.0	.16	.84
27	4	88	6	333.	2.9	3.8	3.6	5.1	5.4	-.1	.3	-.03	.76
27	4	88	7	323.	2.5	4.0	3.8	9.7	11.0	1.0	2.0	.00	.73
27	4	88	8	350.	1.9	3.6	3.4	18.5	24.0	3.3	4.3	-.78	.69
27	4	88	9	307.	2.1	4.2	3.8	24.0	28.8	5.4	6.7	-.56	.58
27	4	88	10	114.	2.4	6.2	5.8	44.4	81.6	6.9	8.0	-1.02	.50
27	4	88	11	49.	2.1	6.0	5.2	49.3	53.1	7.7	8.7	-1.06	.45
27	4	88	12	37.	1.9	5.6	5.0	74.7	103.2	8.4	9.6	-1.02	.45
27	4	88	13	135.	3.5	7.4	6.8	57.7	79.0	8.2	9.3	-.75	.47
27	4	88	14	159.	3.7	7.4	7.2	20.0	22.8	7.8	9.0	-.59	.48
27	4	88	15	139.	2.7	5.6	5.4	31.8	35.5	8.2	9.4	-.56	.47
27	4	88	16	132.	2.7	5.4	5.0	17.3	18.0	8.5	9.5	-.43	.47
27	4	88	17	173.	2.3	5.0	4.6	24.1	29.3	8.8	9.8	-.37	.47
27	4	88	18	200.	1.3	4.4	3.8	32.9	36.0	9.1	10.2	-.37	.45
27	4	88	19	222.	1.4	2.4	2.4	17.3	24.8	8.6	9.4	-.40	.46
27	4	88	20	257.	1.6	3.4	3.2	11.8	16.4	6.9	6.5	-.16	.47
27	4	88	21	260.	1.7	3.0	2.8	12.1	13.7	5.6	5.3	.06	.50
27	4	88	22	307.	2.0	3.6	3.4	7.4	21.8	4.7	3.9	.37	.56
27	4	88	23	335.	2.9	3.6	3.4	2.8	14.3	3.8	2.7	.81	.66
27	4	88	24	329.	3.1	4.2	4.2	2.8	5.1	2.3	1.3	.99	.81

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	4	88	1	328.	3.8	5.6	5.0	4.0	5.1	.7	.3	.78	.85
28	4	88	2	323.	3.8	5.0	4.8	3.7	6.4	-.2	-.4	.47	.90
28	4	88	3	325.	4.0	6.2	5.8	5.6	6.7	.2	-.2	.31	.83
28	4	88	4	329.	3.6	6.0	5.8	6.3	7.0	.0	-.4	.06	.81
28	4	88	5	336.	3.5	5.4	5.2	6.7	8.0	.0	-.1	.06	.80
28	4	88	6	326.	2.8	4.4	4.2	6.9	8.0	.5	.9	-.09	.78
28	4	88	7	316.	2.2	3.8	3.6	9.2	10.6	1.6	2.5	-.16	.76
28	4	88	8	340.	2.3	4.0	3.6	11.4	16.0	3.6	4.6	-.65	.73
28	4	88	9	11.	1.9	3.8	3.6	14.7	17.0	6.6	8.0	-.34	.66
28	4	88	10	98.	2.0	6.2	5.8	62.1	70.6	9.4	10.5	-.93	.57
28	4	88	11	156.	2.8	5.6	5.2	42.3	54.5	9.8	11.0	-.78	.54
28	4	88	12	141.	3.3	6.6	6.2	22.2	24.0	10.0	11.2	-.59	.55
28	4	88	13	176.	3.5	6.8	6.4	18.5	26.9	10.2	11.5	-.59	.54
28	4	88	14	166.	3.0	6.2	5.8	21.4	22.8	10.2	11.6	-.53	.53
28	4	88	15	173.	2.5	5.2	5.0	24.1	26.9	10.5	11.7	-.50	.52
28	4	88	16	91.	1.5	4.0	4.0	43.9	54.4	11.4	12.7	-.56	.52
28	4	88	17	136.	1.4	3.6	3.2	37.9	41.2	11.7	12.6	-.59	.51
28	4	88	18	304.	1.2	3.0	2.8	49.8	73.7	11.7	12.7	-.43	.50
28	4	88	19	276.	1.1	1.8	1.6	12.1	16.8	11.4	11.5	-.68	.50
28	4	88	20	318.	1.3	2.4	2.2	3.7	17.1	9.9	9.0	-.12	.52
28	4	88	21	350.	2.3	4.0	3.8	2.8	16.0	8.8	7.5	.31	.56
28	4	88	22	342.	3.4	5.8	5.4	3.7	4.2	7.3	6.3	.22	.62
28	4	88	23	344.	3.9	5.8	5.4	4.2	4.7	5.8	4.6	.53	.69
28	4	88	24	336.	4.0	6.2	6.0	4.7	5.8	4.4	3.5	.50	.78
29	4	88	1	302.	3.6	6.0	5.6	6.0	11.7	2.3	1.8	.96	.89
29	4	88	2	328.	2.9	3.8	3.6	5.3	10.4	1.9	1.5	.99	.91
29	4	88	3	349.	2.5	3.8	3.6	4.9	12.7	1.8	1.3	.84	.90
29	4	88	4	329.	1.9	3.0	2.8	8.3	15.7	1.9	1.2	.87	.90
29	4	88	5	359.	1.9	3.2	2.8	7.0	11.8	1.8	1.2	.96	.90
29	4	88	6	332.	1.7	3.0	2.8	9.7	11.4	2.8	2.8	.53	.86
29	4	88	7	1.	1.6	4.4	3.6	12.6	17.5	3.3	3.5	.59	.87
29	4	88	8	22.	2.4	4.6	4.2	13.3	14.5	6.3	6.8	-.12	.71
29	4	88	9	58.	3.1	8.2	7.4	21.1	26.2	8.5	9.2	-.47	.63
29	4	88	10	60.	4.6	8.4	8.0	17.2	17.7	9.8	10.4	-.68	.59
29	4	88	11	86.	4.9	10.2	9.6	17.1	20.1	10.5	11.0	-.56	.58
29	4	88	12	93.	5.4	10.4	9.8	15.3	16.4	11.3	11.9	-.65	.59
29	4	88	13	97.	5.5	10.0	9.2	18.1	18.7	12.3	13.0	-.65	.56
29	4	88	14	148.	5.6	10.2	9.6	13.3	24.3	12.4	13.1	-.50	.54
29	4	88	15	141.	3.9	7.4	7.0	14.1	14.3	11.5	12.0	-.28	.54
29	4	88	16	166.	3.0	12.8	12.4	13.6	16.3	10.9	11.1	-.25	.52
29	4	88	17	188.	6.5	14.0	12.6	15.2	16.0	6.3	6.6	-.37	.91
29	4	88	18	145.	3.7	9.8	8.4	16.7	22.0	5.4	5.7	-.22	.96
29	4	88	19	118.	3.2	8.0	7.4	13.3	23.7	5.2	5.3	-.16	.96
29	4	88	20	105.	2.3	4.2	3.8	12.3	18.2	5.2	5.3	-.03	.96
29	4	88	21	93.	2.3	3.4	3.2	6.6	9.3	5.5	5.3	.12	.96
29	4	88	22	135.	2.3	3.8	3.6	7.0	11.3	5.4	5.3	.03	.96
29	4	88	23	110.	2.3	4.0	3.6	8.9	11.3	5.3	5.3	-.06	.96
29	4	88	24	17.	1.4	4.0	3.8	40.8	67.6	5.1	5.2	-.16	.96
30	4	88	1	110.	.8	1.8	1.6	44.4	52.7	5.0	4.9	-.09	.96
30	4	88	2	125.	1.6	3.0	3.0	17.0	22.8	4.8	4.9	-.12	.96
30	4	88	3	121.	1.2	2.0	2.0	9.6	10.8	4.7	4.8	-.16	.96
30	4	88	4	124.	1.4	2.8	2.8	8.1	16.3	4.6	4.6	-.12	.96
30	4	88	5	156.	1.5	2.6	2.4	7.8	14.9	4.6	4.7	-.09	.96
30	4	88	6	141.	1.7	3.8	3.6	12.2	15.3	4.8	5.0	-.12	.96
30	4	88	7	246.	1.8	5.0	4.2	19.7	45.1	4.7	4.9	-.19	.96
30	4	88	8	228.	.7	2.8	2.6	25.2	31.2	4.8	5.1	-.25	.96
30	4	88	9	212.	2.0	4.2	4.0	16.7	17.9	6.2	6.9	-.53	.96
30	4	88	10	247.	1.6	3.8	3.4	25.5	27.4	7.2	7.8	-.68	.92
30	4	88	11	302.	2.1	4.4	4.2	23.4	29.1	7.7	8.6	-.75	.88
30	4	88	12	174.	1.9	4.2	3.8	33.8	47.9	9.2	10.2	-.90	.81
30	4	88	13	125.	2.6	5.2	4.6	22.9	29.8	8.9	10.1	-.43	.90
30	4	88	14	159.	2.5	5.4	5.2	27.0	38.0	8.7	9.4	-.37	.87
30	4	88	15	190.	3.8	7.2	6.8	13.9	18.2	8.2	8.8	-.31	.92
30	4	88	16	197.	3.7	7.0	6.6	17.2	22.9	9.4	10.4	-.56	.84
30	4	88	17	186.	3.4	6.6	6.2	15.4	17.0	8.5	9.2	-.37	.89
30	4	88	18	180.	2.7	5.4	5.2	15.2	17.0	7.7	8.1	-.25	.91
30	4	88	19	172.	2.6	4.8	4.6	11.7	13.2	7.3	7.5	-.19	.93
30	4	88	20	179.	2.2	4.0	3.8	11.4	13.0	6.8	6.9	-.16	.96
30	4	88	21	181.	2.5	4.4	4.0	9.6	10.2	6.3	6.2	-.09	.96
30	4	88	22	211.	2.7	4.4	4.2	8.0	10.6	5.5	5.1	.03	.96
30	4	88	23	212.	2.9	5.2	4.8	8.7	9.3	5.3	4.7	.19	.96
30	4	88	24	266.	1.6	4.6	4.4	14.5	20.7	5.4	5.1	.06	.96
MANGLER(ANT)				4	7	7	7	4	4	4	4	4	4
MANGLER(%)				.6	1.0	1.0	1.0	.6	.6	.6	.6	.6	.6

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
1	5	88	1	254.	1.1	3.8	3.6	19.9	31.2	5.0	4.1	.22	.88
1	5	88	2	181.	.9	1.6	1.4	23.8	36.9	4.3	3.8	.28	.89
1	5	88	3	155.	.9	2.0	1.8	20.7	34.0	3.9	3.7	.25	.92
1	5	88	4	150.	1.0	2.0	2.0	11.2	15.5	4.0	3.9	.06	.92
1	5	88	5	138.	.3	1.6	1.6	40.4	54.1	4.0	3.9	-.03	.92
1	5	88	6	302.	.4	1.4	1.4	29.1	118.6	4.0	4.2	-.03	.92
1	5	88	7	27.	.7	1.8	1.6	17.3	25.5	3.9	4.3	-.03	.90
1	5	88	8	141.	.6	1.6	1.4	22.4	25.0	4.8	5.2	-.12	.89
1	5	88	9	166.	.6	1.6	1.6	28.2	33.2	5.5	6.0	-.19	.87
1	5	88	10	138.	.9	2.2	1.8	28.2	32.1	5.7	6.1	-.19	.88
1	5	88	11	131.	1.2	2.4	2.2	20.1	25.2	5.6	5.9	-.22	.93
1	5	88	12	117.	1.5	2.6	2.4	12.9	15.2	5.6	6.0	-.22	.94
1	5	88	13	103.	1.2	3.0	2.8	12.9	17.1	5.3	5.7	-.22	.93
1	5	88	14	316.	1.2	2.8	2.8	26.3	59.1	5.9	6.5	-.22	.93
1	5	88	15	309.	1.3	2.8	2.6	14.7	17.7	6.5	7.0	-.28	.92
1	5	88	16	349.	1.6	3.0	2.8	12.3	21.8	6.6	7.0	-.19	.92
1	5	88	17	307.	1.9	3.4	3.2	10.3	20.0	6.6	7.1	-.19	.91
1	5	88	18	351.	2.4	3.6	3.4	7.7	15.8	6.1	6.4	-.16	.91
1	5	88	19	326.	2.1	3.6	3.6	8.7	11.9	6.0	6.2	-.16	.90
1	5	88	20	335.	2.3	4.6	4.0	10.0	15.8	5.3	5.3	-.03	.92
1	5	88	21	330.	2.3	4.2	3.8	9.1	12.2	5.1	5.2	-.09	.91
1	5	88	22	323.	2.5	4.8	4.6	11.6	17.3	4.9	5.0	-.06	.92
1	5	88	23	305.	3.3	5.6	5.4	8.1	12.7	4.5	4.6	-.06	.93
1	5	88	24	336.	3.0	5.0	4.8	8.1	13.3	4.7	4.7	-.03	.92
2	5	88	1	332.	2.8	4.6	4.2	9.0	11.2	4.8	4.7	.03	.92
2	5	88	2	308.	3.7	5.0	4.8	6.3	10.7	4.3	4.4	.00	.93
2	5	88	3	340.	2.7	5.0	4.6	7.6	13.1	4.5	4.6	.06	.92
2	5	88	4	308.	2.8	4.4	4.4	4.9	7.8	4.2	4.3	-.03	.93
2	5	88	5	312.	2.4	4.0	3.6	7.4	12.2	4.3	4.4	-.03	.93
2	5	88	6	336.	2.9	6.2	6.0	9.1	12.7	4.6	4.8	-.06	.92
2	5	88	7	346.	1.6	3.6	3.4	35.0	38.0	5.3	5.7	-.09	.92
2	5	88	8	35.	3.2	6.8	6.6	25.5	27.2	8.0	8.7	-.25	.85
2	5	88	9	60.	3.4	6.4	6.0	17.8	20.8	9.1	9.7	-.40	.83
2	5	88	10	58.	3.2	7.4	7.2	22.8	23.4	9.9	10.4	-.37	.81
2	5	88	11	114.	2.8	6.8	6.2	22.6	27.1	9.3	9.5	-.19	.83
2	5	88	12	136.	1.6	3.4	3.4	23.2	27.2	9.3	9.6	-.22	.86
2	5	88	13	125.	2.5	6.8	6.4	28.9	35.3	8.1	8.3	-.19	.94
2	5	88	14	129.	2.1	4.0	3.8	14.1	17.6	8.0	8.4	-.28	.96
2	5	88	15	166.	1.9	3.6	3.4	24.3	26.5	9.1	9.9	-.31	.95
2	5	88	16	129.	2.1	4.2	4.0	21.4	36.7	9.1	9.6	-.31	.94
2	5	88	17	181.	2.2	4.2	3.8	19.1	29.6	9.8	10.4	-.22	.92
2	5	88	18	208.	2.8	5.0	5.0	13.6	15.1	9.9	10.2	-.25	.91
2	5	88	19	259.	1.9	4.0	3.8	13.8	24.6	9.8	10.1	-.31	.90
2	5	88	20	263.	2.3	5.4	5.2	17.2	19.5	9.2	9.2	-.12	.90
2	5	88	21	112.	1.3	3.2	3.0	46.0	57.8	5.9	5.7	.93	.96
2	5	88	22	118.	1.7	3.0	3.0	13.0	15.6	4.9	5.0	.09	.94
2	5	88	23	100.	2.1	3.4	3.4	7.6	8.6	4.7	4.9	-.16	.94
2	5	88	24	115.	2.1	3.4	3.2	9.6	17.6	4.4	4.5	-.12	.93
3	5	88	1	128.	2.2	3.6	3.4	10.7	12.1	4.5	4.7	-.12	.93
3	5	88	2	198.	1.4	3.0	2.8	14.2	38.5	4.2	4.4	-.12	.93
3	5	88	3	112.	1.2	2.2	2.0	16.2	37.6	4.0	4.1	.06	.92
3	5	88	4	174.	1.5	3.4	3.2	13.4	25.2	4.1	4.3	-.16	.92
3	5	88	5	283.	.9	2.2	2.2	23.0	39.5	3.4	3.5	-.16	.92
3	5	88	6	270.	1.0	2.2	2.0	19.8	24.9	3.3	3.5	-.19	.92
3	5	88	7	297.	.7	1.8	1.6	56.8	82.4	3.6	3.9	-.19	.92
3	5	88	8	194.	.9	2.2	2.0	31.7	37.2	4.1	4.5	-.19	.92
3	5	88	9	124.	1.1	2.8	2.6	23.7	36.6	5.0	5.4	-.19	.94
3	5	88	10	110.	1.7	3.8	3.6	28.2	33.1	6.2	6.8	-.25	.95
3	5	88	11	108.	2.5	4.8	4.4	18.0	29.6	8.1	9.1	-.40	.94
3	5	88	12	128.	2.7	5.0	4.8	12.4	15.6	8.0	8.6	-.34	.93
3	5	88	13	127.	2.9	5.8	5.6	15.1	17.4	8.4	9.1	-.31	.92
3	5	88	14	134.	3.4	6.4	5.8	15.1	17.2	10.1	11.3	-.43	.88
3	5	88	15	128.	3.4	5.4	5.2	15.3	16.6	9.6	10.5	-.37	.89
3	5	88	16	148.	3.9	6.6	6.4	12.3	15.3	8.8	9.5	-.37	.92
3	5	88	17	128.	2.8	5.0	4.6	13.7	14.6	7.9	8.4	-.34	.95
3	5	88	18	139.	3.0	4.8	4.6	8.6	9.5	8.2	8.6	-.25	.94
3	5	88	19	157.	.8	2.8	2.6	42.1	49.6	8.2	8.4	-.19	.95
3	5	88	20	122.	1.3	2.0	1.8	18.2	36.3	8.0	7.6	.37	.96
3	5	88	21	125.	2.0	3.2	3.0	9.2	12.4	7.4	7.3	.19	.95
3	5	88	22	340.	1.6	2.8	2.6	21.6	48.1	7.2	7.0	.37	.96
3	5	88	23	323.	1.2	2.2	2.0	14.1	28.7	7.3	6.7	.43	.95
3	5	88	24	328.	.9	2.2	2.0	46.2	61.5	6.7	6.2	.25	.95

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	5	88	1	308.	1.6	3.0	2.8	6.1	9.1	6.4	6.3	.31	.95
4	5	88	2	346.	1.2	2.8	2.6	7.3	11.6	6.6	6.4	.22	.95
4	5	88	3	332.	.9	3.0	2.6	8.2	10.7	6.5	6.3	.09	.94
4	5	88	4	337.	2.8	4.2	3.8	6.4	8.0	5.9	6.0	.06	.94
4	5	88	5	346.	2.9	5.0	4.8	7.2	14.7	6.1	6.1	.00	.94
4	5	88	6	323.	2.7	5.0	4.6	9.3	14.4	6.3	6.4	-.09	.93
4	5	88	7	311.	1.5	2.8	2.8	13.3	27.3	6.1	6.4	-.12	.94
4	5	88	8	297.	2.6	4.4	4.2	7.0	15.3	6.3	6.6	-.22	.93
4	5	88	9	302.	2.8	4.0	3.8	5.6	8.2	6.1	6.4	-.19	.94
4	5	88	10	302.	2.4	3.6	3.4	6.4	7.2	6.5	6.9	-.31	.94
4	5	88	11	291.	1.6	3.2	3.0	15.6	22.8	6.8	7.1	-.19	.94
4	5	88	12	319.	1.5	2.8	2.6	12.6	19.0	7.4	7.9	-.25	.94
4	5	88	13	329.	.9	2.6	2.4	23.1	24.2	8.5	9.1	-.19	.93
4	5	88	14	134.	.6	1.8	1.6	53.6	89.5	9.2	9.7	-.34	.93
4	5	88	15	165.	.9	2.6	2.4	42.2	52.8	9.4	9.8	-.31	.94
4	5	88	16	112.	1.7	3.6	3.2	19.7	27.9	8.8	9.2	-.19	.97
4	5	88	17	114.	2.4	4.4	4.0	11.0	13.4	7.6	7.9	-.22	.98
4	5	88	18	132.	2.7	4.8	4.6	11.3	12.1	7.0	7.3	-.19	.97
4	5	88	19	124.	2.3	4.2	3.8	10.6	11.8	6.7	6.9	-.16	.96
4	5	88	20	93.	1.2	2.8	2.6	16.7	19.1	6.8	7.0	-.12	.96
4	5	88	21	122.	.6	2.2	2.0	12.2	27.0	7.2	7.3	-.09	.96
4	5	88	22	93.	1.2	2.2	2.0	9.0	18.7	7.3	7.4	-.06	.97
4	5	88	23	104.	2.0	2.8	2.6	5.1	8.3	7.3	7.4	-.06	.97
4	5	88	24	110.	2.2	3.4	3.2	7.3	8.9	7.3	7.4	-.06	.96
5	5	88	1	138.	2.5	5.2	5.0	10.9	19.7	7.2	7.3	-.09	.96
5	5	88	2	136.	1.7	3.4	3.2	12.9	14.3	7.1	7.2	-.09	.96
5	5	88	3	128.	1.6	3.2	3.0	11.0	13.8	6.9	7.0	-.09	.96
5	5	88	4	120.	1.8	3.0	2.8	9.6	10.4	6.7	6.8	-.09	.96
5	5	88	5	115.	1.5	2.4	2.2	8.6	9.0	6.6	6.7	-.09	.96
5	5	88	6	124.	1.4	2.4	2.2	8.2	10.0	6.6	6.8	-.09	.96
5	5	88	7	110.	1.3	2.4	2.0	8.9	11.0	6.7	6.9	-.12	.96
5	5	88	8	115.	1.2	2.8	2.6	13.6	16.8	7.0	7.2	-.12	.96
5	5	88	9	170.	.6	2.0	1.8	25.7	33.5	7.3	7.7	-.12	.97
5	5	88	10	292.	.6	1.4	1.4	30.4	61.8	8.1	8.5	-.25	.97
5	5	88	11	105.	.4	1.6	1.4	45.1	72.1	8.7	9.2	-.34	.96
5	5	88	12	191.	1.0	2.4	2.2	20.3	37.5	8.9	9.5	-.31	.93
5	5	88	13	121.	1.7	2.8	2.8	22.1	38.3	9.1	9.7	-.34	.92
5	5	88	14	111.	1.6	3.6	3.2	27.2	43.2	9.7	10.4	-.28	.90
5	5	88	15	120.	2.3	4.6	4.4	11.2	12.7	9.6	10.2	-.28	.93
5	5	88	16	132.	2.6	4.4	4.0	12.2	13.6	10.6	11.6	-.28	.90
5	5	88	17	127.	2.8	5.2	4.6	12.3	13.0	9.9	10.4	-.25	.90
5	5	88	18	129.	2.8	6.2	6.0	17.4	24.1	9.1	9.4	-.16	.93
5	5	88	19	104.	1.9	3.6	3.4	23.4	35.3	9.6	9.9	-.16	.93
5	5	88	20	132.	2.0	2.6	2.6	2.4	8.7	8.8	8.5	.12	.96
5	5	88	21	112.	2.1	2.8	2.6	4.0	14.5	7.8	7.5	.31	.96
5	5	88	22	120.	1.4	2.2	2.2	8.9	15.1	7.3	6.7	.68	.96
5	5	88	23	304.	.6	1.8	1.6	23.7	56.8	6.9	6.2	.22	.95
5	5	88	24	342.	1.8	3.2	3.0	15.7	21.5	5.7	5.3	.50	.94
6	5	88	1	318.	2.9	4.2	4.0	4.7	8.1	4.6	4.3	.93	.93
6	5	88	2	329.	3.3	4.6	4.4	5.4	7.7	4.5	4.1	.84	.92
6	5	88	3	322.	3.0	4.6	4.4	5.1	7.2	3.8	3.5	.75	.92
6	5	88	4	323.	2.9	4.6	4.4	4.7	6.0	4.1	3.1	.78	.91
6	5	88	5	318.	2.8	4.4	4.2	4.4	6.7	3.8	3.1	1.09	.91
6	5	88	6	322.	1.2	3.0	2.8	10.6	19.7	5.0	5.4	.56	.92
6	5	88	7	335.	1.3	2.4	2.2	11.9	14.8	6.8	8.0	.12	.82
6	5	88	8	316.	.9	2.4	2.4	41.6	43.1	9.7	10.7	-.34	.75
6	5	88	9	124.	1.1	4.2	4.0	84.1	109.3	12.1	13.0	-.59	.73
6	5	88	10	122.	3.1	5.0	4.4	11.6	12.0	10.0	11.0	-.62	.86
6	5	88	11	124.	3.9	5.8	5.6	8.8	9.2	9.4	10.3	-.65	.91
6	5	88	12	124.	4.4	6.8	6.4	11.2	11.8	9.8	10.7	-.59	.90
6	5	88	13	122.	4.2	7.0	6.4	10.1	11.2	10.3	11.2	-.59	.88
6	5	88	14	121.	4.2	6.4	6.2	10.2	10.5	9.9	10.7	-.56	.90
6	5	88	15	127.	4.4	6.8	6.4	8.9	9.2	9.5	10.4	-.53	.90
6	5	88	16	122.	3.6	5.8	5.4	10.9	11.2	9.9	10.7	-.43	.90
6	5	88	17	134.	3.4	5.2	5.0	10.1	11.2	9.9	10.6	-.40	.88
6	5	88	18	118.	3.3	4.8	4.6	9.0	11.5	9.9	10.4	-.34	.82
6	5	88	19	124.	2.7	4.6	4.4	9.9	10.6	9.4	9.7	-.31	.81
6	5	88	20	117.	2.8	4.6	4.2	8.3	9.5	8.4	8.2	-.06	.84
6	5	88	21	136.	2.4	3.4	3.2	5.1	8.3	7.4	6.9	.40	.94
6	5	88	22	165.	1.8	3.4	3.2	6.6	12.5	7.5	6.9	.53	.92
6	5	88	23	342.	.6	2.6	2.4	44.0	114.0	7.1	6.0	.28	.93
6	5	88	24	321.	3.2	4.6	4.6	2.8	5.8	6.2	5.4	.90	.93

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	5	88	1	316.	3.4	5.0	4.8	4.4	8.3	6.3	5.5	.50	.87
7	5	88	2	335.	3.3	5.0	4.8	6.1	10.6	6.0	5.1	.78	.86
7	5	88	3	335.	2.7	5.0	4.6	8.8	9.6	6.2	5.1	.34	.81
7	5	88	4	340.	2.6	5.0	4.8	5.3	7.0	5.9	4.4	.53	.82
7	5	88	5	328.	3.1	4.8	4.6	6.3	6.7	5.9	5.3	.31	.78
7	5	88	6	337.	1.9	4.0	3.8	8.3	12.6	6.6	7.3	.19	.75
7	5	88	7	6.	1.6	3.4	3.4	15.5	18.4	8.4	9.8	.06	.71
7	5	88	8	273.	1.2	2.4	2.2	17.3	40.7	10.7	11.9	-.31	.67
7	5	88	9	229.	1.0	2.6	2.4	37.1	42.5	12.6	13.3	-.90	.64
7	5	88	10	122.	2.2	4.4	4.0	26.8	48.5	12.7	13.8	-.68	.71
7	5	88	11	127.	3.1	5.2	4.8	12.7	13.0	11.9	12.9	-.65	.83
7	5	88	12	120.	3.4	5.8	5.4	12.0	12.6	11.6	12.6	-.56	.86
7	5	88	13	128.	3.3	5.2	4.8	12.2	12.6	12.2	13.2	-.59	.85
7	5	88	14	131.	3.1	5.6	4.8	13.6	14.3	12.9	14.1	-.53	.84
7	5	88	15	128.	3.1	5.4	5.0	12.6	13.0	12.6	13.5	-.50	.83
7	5	88	16	129.	2.8	5.0	4.6	11.1	11.8	12.9	13.7	-.47	.81
7	5	88	17	122.	2.2	4.0	3.6	11.6	12.0	13.8	14.6	-.34	.79
7	5	88	18	150.	2.1	4.2	4.0	12.2	14.5	13.4	13.9	-.34	.79
7	5	88	19	115.	1.5	3.0	2.8	14.6	23.1	13.3	13.7	-.22	.79
7	5	88	20	153.	2.0	2.8	2.8	5.4	14.3	11.4	10.7	.37	.83
7	5	88	21	246.	.6	1.4	1.2	16.6	48.3	11.5	9.6	.50	.83
7	5	88	22	349.	1.0	2.6	2.4	4.0	37.1	11.3	9.5	.50	.84
7	5	88	23	335.	2.6	4.8	4.6	5.6	9.7	10.1	9.1	.50	.87
7	5	88	24	340.	4.2	7.0	6.8	5.6	6.0	9.4	8.9	.37	.85
8	5	88	1	335.	3.3	6.0	5.6	7.3	7.7	8.5	7.8	.43	.86
8	5	88	2	1.	2.7	4.8	4.4	6.6	14.9	7.0	6.4	.40	.91
8	5	88	3	346.	2.7	5.8	5.0	6.0	9.2	7.1	6.1	.56	.91
8	5	88	4	329.	3.9	6.4	6.0	5.6	7.7	5.6	5.2	.68	.92
8	5	88	5	326.	3.4	5.2	5.0	6.0	7.2	5.9	5.9	.40	.88
8	5	88	6	350.	2.1	4.6	4.2	9.2	11.3	7.2	8.1	.16	.83
8	5	88	7	340.	1.1	3.0	2.8	34.1	38.0	9.6	10.8	.16	.78
8	5	88	8	253.	.7	2.2	2.0	27.8	35.3	10.5	11.0	-.19	.79
8	5	88	9	150.	1.9	4.0	3.8	36.1	54.4	13.0	14.0	-.43	.76
8	5	88	10	152.	2.9	6.0	5.4	18.3	24.8	14.3	15.3	-.65	.77
8	5	88	11	136.	4.1	7.2	6.8	15.7	16.3	14.0	15.1	-.59	.76
8	5	88	12	127.	3.6	6.4	5.8	14.3	14.9	14.0	15.1	-.68	.72
8	5	88	13	135.	3.9	7.0	6.2	12.0	13.6	13.6	14.6	-.62	.64
8	5	88	14	134.	3.0	5.6	4.8	15.7	16.8	14.2	15.3	-.53	.60
8	5	88	15	141.	2.5	4.8	4.4	21.5	22.3	15.3	16.6	-.37	.53
8	5	88	16	117.	2.6	4.8	4.6	17.0	18.4	15.7	16.6	-.56	.50
8	5	88	17	131.	1.7	3.0	2.8	14.5	17.6	16.4	17.2	-.53	.46
8	5	88	18	172.	1.1	2.8	2.6	18.7	22.2	16.7	17.4	-.25	.41
8	5	88	19	20.	.2	1.6	1.4	51.8	95.2	16.9	16.6	-.59	.49
8	5	88	20	344.	.4	1.2	1.0	13.1	17.6	15.3	14.1	-.03	.52
8	5	88	21	63.	1.0	2.2	2.0	11.4	27.5	14.4	12.4	.22	.52
8	5	88	22	103.	2.5	5.8	5.2	9.5	13.3	13.5	12.5	.19	.63
8	5	88	23	105.	3.0	5.6	5.4	8.6	9.7	12.9	12.4	.22	.69
8	5	88	24	112.	3.7	6.4	6.2	10.3	11.8	13.1	12.9	.03	.72
9	5	88	1	122.	3.9	8.6	8.4	12.7	13.3	12.9	12.8	-.06	.74
9	5	88	2	134.	5.2	9.8	9.2	11.8	12.3	11.9	11.9	-.09	.73
9	5	88	3	131.	4.7	8.2	7.8	11.5	11.8	11.0	11.0	-.06	.73
9	5	88	4	127.	3.7	6.0	5.8	10.0	10.0	10.2	10.2	-.06	.75
9	5	88	5	120.	3.4	5.8	5.6	8.8	10.1	10.2	10.3	.00	.74
9	5	88	6	128.	2.9	6.0	5.4	10.8	11.3	11.0	11.5	-.22	.69
9	5	88	7	143.	3.8	7.6	7.0	13.2	14.9	11.6	12.4	-.25	.66
9	5	88	8	134.	4.7	7.8	7.4	12.7	14.6	11.2	11.7	-.34	.66
9	5	88	9	125.	4.3	8.6	7.8	13.0	13.5	11.4	12.0	-.40	.61
9	5	88	10	108.	5.3	10.4	9.0	13.4	14.9	11.6	12.3	-.50	.48
9	5	88	11	118.	4.7	8.4	7.6	12.3	14.5	12.0	12.6	-.47	.46
9	5	88	12	138.	4.3	7.2	6.8	13.6	15.9	12.3	13.2	-.40	.44
9	5	88	13	146.	4.2	7.2	6.8	14.6	15.5	12.7	13.7	-.47	.45
9	5	88	14	150.	3.3	6.0	5.6	16.8	18.9	13.2	14.0	-.47	.44
9	5	88	15	135.	3.3	5.4	5.2	13.6	14.7	13.2	13.8	-.31	.40
9	5	88	16	124.	2.7	5.2	5.0	15.7	18.2	13.6	14.4	-.40	.45
9	5	88	17	157.	1.8	4.2	4.2	29.3	31.4	13.6	14.2	-.34	.45
9	5	88	18	18.	.5	1.4	1.2	64.7	127.1	13.6	13.5	-.47	.52
9	5	88	19	332.	1.4	2.8	2.6	6.0	15.2	12.6	12.0	.00	.60
9	5	88	20	13.	2.0	3.2	3.0	8.4	17.3	12.2	11.2	.09	.59
9	5	88	21	14.	2.8	4.4	4.2	8.1	10.3	11.9	11.4	.09	.54
9	5	88	22	4.	3.0	5.0	4.8	8.3	9.7	11.2	10.6	.06	.56
9	5	88	23	17.	3.6	6.2	5.6	8.0	10.1	10.6	9.9	.12	.58
9	5	88	24	353.	2.5	6.0	5.8	11.8	16.6	10.1	9.4	.19	.59

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	5	88	1	53.	1.8	3.8	3.4	15.8	36.3	9.1	8.2	.71	.65
10	5	88	2	53.	2.5	5.0	4.8	14.9	15.2	10.3	9.8	.25	.61
10	5	88	3	53.	3.0	6.2	6.0	13.6	13.8	9.9	9.6	.09	.64
10	5	88	4	63.	3.5	6.6	6.0	14.8	15.3	9.4	9.2	.03	.66
10	5	88	5	77.	4.7	9.2	8.2	13.6	14.3	8.9	8.8	-.06	.70
10	5	88	6	97.	4.7	9.6	8.8	13.5	15.1	8.4	8.5	-.19	.75
10	5	88	7	103.	5.0	8.8	8.2	11.5	11.9	8.5	9.0	-.31	.76
10	5	88	8	122.	4.1	8.4	7.8	13.0	16.3	9.3	10.1	-.47	.67
10	5	88	9	118.	3.6	6.8	6.2	18.4	21.8	10.3	11.2	-.65	.59
10	5	88	10	125.	4.1	8.0	7.4	13.8	14.4	10.6	11.6	-.68	.54
10	5	88	11	146.	3.7	6.8	6.4	17.9	19.8	11.5	12.7	-.65	.50
10	5	88	12	115.	3.3	5.6	5.4	21.6	24.5	12.5	13.8	-.56	.45
10	5	88	13	103.	3.7	7.6	7.0	26.3	29.2	13.2	14.2	-.78	.43
10	5	88	14	103.	4.3	9.8	8.8	22.3	24.1	14.0	15.0	-.78	.41
10	5	88	15	90.	4.0	8.6	8.4	21.0	22.5	14.4	15.4	-.75	.40
10	5	88	16	101.	4.1	9.2	8.4	19.5	22.1	14.7	15.7	-.84	.41
10	5	88	17	111.	3.1	6.2	5.8	20.9	24.6	14.0	14.6	-.50	.44
10	5	88	18	139.	2.4	5.4	4.8	16.0	22.0	13.6	13.9	-.34	.46
10	5	88	19	190.	1.5	2.8	2.8	13.1	24.6	13.0	13.3	-.28	.48
10	5	88	20	148.	.9	1.8	1.6	6.7	22.4	12.3	11.6	-.12	.53
10	5	88	21	114.	1.2	2.4	2.2	5.3	13.5	11.6	9.6	.37	.57
10	5	88	22	63.	1.1	1.8	1.6	5.4	13.8	11.2	8.8	.43	.60
10	5	88	23	30.	.7	1.6	1.4	7.7	17.8	10.2	8.3	.40	.63
10	5	88	24	38.	1.6	3.0	2.8	8.7	14.8	8.8	7.5	1.18	.73
11	5	88	1	25.	1.8	2.8	2.6	7.6	11.6	8.7	7.5	.99	.78
11	5	88	2	39.	1.8	3.4	3.0	7.7	11.1	8.2	7.5	.78	.76
11	5	88	3	56.	2.0	3.8	3.6	10.9	13.1	8.7	8.2	.40	.72
11	5	88	4	90.	2.5	6.2	6.0	15.9	18.7	9.2	9.0	.12	.69
11	5	88	5	52.	2.3	5.6	5.4	11.3	18.3	9.4	9.4	-.03	.64
11	5	88	6	52.	2.1	4.6	4.2	17.6	18.0	9.4	9.4	-.06	.67
11	5	88	7	55.	2.7	7.0	6.6	18.7	18.8	9.5	9.6	-.12	.68
11	5	88	8	58.	3.4	7.8	7.2	17.9	18.2	10.2	10.4	-.25	.67
11	5	88	9	45.	4.0	9.4	8.8	18.3	18.9	10.9	11.2	-.31	.64
11	5	88	10	35.	4.1	8.8	7.8	18.0	19.2	10.8	11.0	-.19	.61
11	5	88	11	58.	3.8	8.4	7.8	17.7	20.3	11.3	11.6	-.25	.60
11	5	88	12	62.	4.5	8.8	8.6	19.9	21.0	12.9	13.6	-.53	.57
11	5	88	13	62.	4.5	9.2	8.6	19.3	21.0	13.8	14.3	-.50	.56
11	5	88	14	65.	4.3	8.2	7.8	17.0	17.5	14.5	14.9	-.37	.55
11	5	88	15	67.	3.8	8.2	7.2	19.8	22.4	15.6	16.1	-.40	.54
11	5	88	16	46.	3.2	7.4	7.0	24.0	25.5	16.3	16.9	-.47	.54
11	5	88	17	28.	2.1	4.8	4.4	32.1	34.2	17.0	17.5	-.47	.55
11	5	88	18	22.	3.1	5.6	5.4	15.1	16.6	16.7	17.1	-.31	.56
11	5	88	19	27.	2.3	4.2	4.0	14.5	16.9	16.1	16.2	-.19	.58
11	5	88	20	35.	2.6	4.6	4.4	11.6	12.4	15.1	15.0	-.09	.60
11	5	88	21	20.	3.1	5.4	5.2	10.0	10.5	14.2	14.0	.00	.62
11	5	88	22	25.	2.6	3.8	3.6	8.3	9.0	13.4	12.9	.06	.64
11	5	88	23	27.	2.3	4.2	4.0	10.9	12.0	13.1	12.6	.12	.64
11	5	88	24	31.	2.2	4.4	4.4	13.6	14.5	13.0	12.5	.12	.64
12	5	88	1	49.	2.5	5.0	4.8	15.5	16.5	12.8	12.4	.09	.62
12	5	88	2	45.	3.0	5.6	5.4	13.8	14.1	12.0	11.6	.09	.61
12	5	88	3	56.	3.6	7.2	6.8	12.3	14.1	10.9	10.5	.06	.63
12	5	88	4	51.	4.5	7.8	7.6	12.6	12.7	9.8	9.6	.00	.63
12	5	88	5	48.	4.1	8.2	7.8	15.5	15.7	9.4	9.5	-.09	.63
12	5	88	6	45.	3.9	8.4	8.0	18.8	18.9	10.0	10.5	-.22	.61
12	5	88	7	58.	3.8	8.0	7.8	20.4	20.9	10.8	11.6	-.40	.60
12	5	88	8	59.	4.1	9.0	8.4	20.2	20.5	11.8	12.6	-.56	.59
12	5	88	9	55.	4.6	10.0	9.2	23.2	24.7	13.4	14.3	-.65	.58
12	5	88	10	32.	4.3	9.0	8.4	24.2	26.1	14.9	15.8	-.78	.56
12	5	88	11	84.	4.9	9.8	9.2	23.7	28.7	16.0	17.0	-.78	.54
12	5	88	12	76.	5.4	10.2	9.2	18.8	21.4	16.9	17.8	-.81	.53
12	5	88	13	82.	4.6	9.6	9.0	20.1	20.7	17.8	18.8	-.81	.52
12	5	88	14	58.	4.7	10.4	9.6	21.7	23.6	18.5	19.4	-.81	.50
12	5	88	15	75.	4.4	9.4	8.8	24.3	25.7	19.0	19.9	-.75	.49
12	5	88	16	82.	4.7	10.2	10.0	18.3	19.7	19.3	20.0	-.65	.47
12	5	88	17	77.	4.2	7.8	7.2	19.4	23.4	19.5	20.2	-.65	.47
12	5	88	18	87.	3.9	8.0	7.6	17.8	20.6	19.4	19.9	-.56	.47
12	5	88	19	80.	3.6	7.6	7.2	14.3	14.7	18.9	19.1	-.40	.48
12	5	88	20	58.	3.0	5.6	5.4	11.2	12.7	17.9	17.5	-.12	.51
12	5	88	21	48.	2.8	5.2	5.0	13.6	13.8	16.6	16.1	.16	.54
12	5	88	22	13.	2.0	4.8	4.4	16.2	21.8	15.7	15.1	.12	.57
12	5	88	23	11.	1.6	2.8	2.6	14.7	17.6	14.6	13.2	.28	.62
12	5	88	24	38.	2.3	4.4	4.2	11.5	17.0	14.6	12.9	.37	.65

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	5	88	1	52.	2.3	4.2	4.0	10.9	13.2	14.0	13.3	.25	.65
13	5	88	2	53.	1.8	4.0	3.8	11.4	12.6	13.2	12.2	.25	.68
13	5	88	3	353.	1.5	2.6	2.4	10.7	26.6	11.7	9.6	.50	.74
13	5	88	4	344.	1.8	3.2	3.0	5.4	5.8	9.6	7.7	.62	.81
13	5	88	5	343.	2.3	4.2	3.8	6.0	6.7	8.5	7.7	.75	.82
13	5	88	6	332.	2.5	5.0	4.4	7.7	8.1	8.8	9.2	.34	.79
13	5	88	7	314.	1.6	4.6	4.2	12.8	13.7	10.2	11.2	.31	.76
13	5	88	8	125.	1.1	4.6	4.2	45.0	85.1	13.9	14.5	-.34	.73
13	5	88	9	90.	2.4	5.2	4.6	34.6	35.4	16.0	17.1	-.71	.62
13	5	88	10	110.	2.3	4.8	4.6	34.3	37.1	17.2	18.2	-.87	.58
13	5	88	11	118.	2.7	6.4	6.0	32.1	34.8	18.1	19.1	-.87	.54
13	5	88	12	145.	2.3	5.0	4.6	34.8	37.5	19.0	20.0	-.68	.46
13	5	88	13	125.	2.0	5.4	5.2	36.2	40.2	19.8	21.0	-.59	.42
13	5	88	14	129.	2.5	5.6	5.4	33.2	36.6	20.3	21.6	-.68	.41
13	5	88	15	89.	2.5	5.6	5.2	29.7	32.9	20.9	22.1	-.59	.40
13	5	88	16	142.	2.1	5.0	4.6	50.6	52.2	21.4	22.5	-.50	.41
13	5	88	17	136.	1.3	4.0	3.6	58.5	61.6	22.3	23.4	-.56	.41
13	5	88	18	188.	1.7	4.0	4.0	26.5	32.0	21.7	22.7	-.43	.43
13	5	88	19	194.	1.4	2.4	2.2	12.3	14.1	21.3	22.1	-.62	.44
13	5	88	20	278.	1.1	2.0	1.8	8.0	25.5	20.1	19.4	-.40	.46
13	5	88	21	302.	1.1	2.4	2.4	15.3	22.7	18.3	16.5	.25	.52
13	5	88	22	343.	2.5	5.0	4.8	10.6	17.8	16.6	15.0	.47	.60
13	5	88	23	340.	3.7	6.0	5.8	5.4	6.3	15.0	14.1	.40	.63
13	5	88	24	330.	4.0	5.8	5.4	4.7	5.8	13.4	12.1	1.02	.69
14	5	88	1	328.	3.8	4.4	4.2	2.0	2.4	12.1	11.0	1.18	.73
14	5	88	2	333.	4.7	6.4	6.0	4.2	4.7	11.8	11.0	.31	.73
14	5	88	3	326.	5.0	6.6	6.0	4.9	5.4	11.3	10.8	.16	.72
14	5	88	4	329.	4.8	6.4	6.0	3.4	3.7	10.5	10.0	.19	.73
14	5	88	5	316.	3.2	5.6	5.2	4.0	6.3	10.3	10.1	.22	.74
14	5	88	6	304.	3.0	3.8	3.6	2.4	3.7	10.7	11.3	.00	.73
14	5	88	7	294.	2.5	4.0	3.8	7.6	9.7	12.2	13.2	-.25	.71
14	5	88	8	295.	2.5	5.0	4.2	18.3	21.4	14.7	15.4	-.65	.69
14	5	88	9	35.	3.7	7.4	7.4	34.4	43.6	17.7	18.7	-.53	.63
14	5	88	10	27.	3.5	7.0	6.0	19.4	21.4	18.9	20.1	-.53	.61
14	5	88	11	22.	4.0	8.2	7.8	17.8	23.1	19.9	21.0	-.62	.60
14	5	88	12	65.	3.7	7.4	6.6	21.9	25.5	21.1	22.1	-.71	.59
14	5	88	13	28.	3.5	7.4	6.8	30.4	37.6	21.8	22.8	-.78	.55
14	5	88	14	98.	2.9	6.6	6.4	35.7	43.8	22.4	23.5	-.65	.54
14	5	88	15	30.	2.7	5.8	5.4	33.6	43.1	22.7	23.8	-.53	.54
14	5	88	16	287.	1.9	5.4	5.2	64.1	78.5	23.3	24.3	-.59	.52
14	5	88	17	93.	1.8	4.4	4.4	38.6	41.1	23.4	24.2	-.68	.51
14	5	88	18	344.	1.6	3.8	3.4	43.1	91.0	22.9	23.7	-.37	.53
14	5	88	19	30.	1.6	3.8	3.6	37.1	43.4	22.4	22.9	-.47	.54
14	5	88	20	25.	2.2	4.0	3.8	8.6	9.3	21.0	20.1	-.03	.58
14	5	88	21	25.	2.1	3.4	3.2	5.8	6.9	19.6	17.8	.34	.62
14	5	88	22	337.	1.9	4.0	3.8	8.2	17.0	17.8	16.4	.28	.66
14	5	88	23	343.	3.4	5.4	5.2	5.3	5.6	16.0	14.9	.25	.72
14	5	88	24	340.	3.6	5.4	5.2	5.3	6.3	15.1	14.0	.25	.73
15	5	88	1	347.	3.1	5.6	5.2	6.3	7.0	13.8	12.7	.47	.76
15	5	88	2	3.	2.8	5.8	5.6	7.2	9.1	12.9	11.6	.53	.78
15	5	88	3	7.	3.1	7.4	6.4	9.9	10.7	13.0	12.0	.31	.73
15	5	88	4	6.	4.1	9.8	9.2	11.3	11.7	13.3	12.7	.12	.66
15	5	88	5	357.	3.5	7.4	7.0	13.8	15.1	13.0	12.7	.19	.65
15	5	88	6	7.	3.2	6.4	5.6	14.5	14.9	13.5	13.9	.03	.65
15	5	88	7	8.	3.1	7.8	7.0	18.1	18.9	14.5	15.4	-.06	.62
15	5	88	8	10.	3.7	9.2	8.8	21.7	23.2	15.5	16.5	-.34	.59
15	5	88	9	28.	3.8	8.0	7.4	20.9	23.8	16.7	17.8	-.65	.56
15	5	88	10	14.	3.2	6.4	6.0	22.4	24.4	17.8	18.9	-.71	.54
15	5	88	11	22.	2.6	6.4	6.0	29.4	31.6	19.1	20.4	-.78	.54
15	5	88	12	63.	1.8	4.6	4.2	67.4	101.5	20.4	21.4	-.78	.54
15	5	88	13	263.	1.5	4.0	3.4	80.4	108.1	21.4	22.6	-.90	.52
15	5	88	14	166.	2.5	4.8	4.6	27.2	37.5	21.4	22.6	-.87	.52
15	5	88	15	148.	3.5	6.4	5.8	16.2	18.0	20.9	22.1	-.47	.52
15	5	88	16	153.	4.4	7.4	6.8	14.5	18.3	20.0	21.2	-.43	.51
15	5	88	17	187.	3.8	6.6	6.2	16.3	19.5	19.7	20.8	-.34	.52
15	5	88	18	187.	3.4	6.2	5.8	15.1	19.2	19.4	20.3	-.37	.52
15	5	88	19	201.	2.5	4.6	4.4	11.5	12.3	19.1	19.7	-.43	.52
15	5	88	20	209.	1.1	3.4	3.2	13.0	19.0	18.3	17.2	-.22	.56
15	5	88	21	259.	.1	1.0	.8	42.7	59.1	16.9	14.7	-.22	.60
15	5	88	22	323.	.9	2.4	2.2	9.1	24.5	15.8	13.8	.43	.63
15	5	88	23	11.	1.8	3.0	2.8	4.9	12.8	14.4	12.5	.81	.70
15	5	88	24	336.	1.8	3.4	3.2	6.4	21.9	12.8	11.2	1.30	.75

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	5	88	1	350.	3.3	6.0	5.8	5.6	7.0	11.4	10.6	.53	.75
16	5	88	2	342.	3.2	5.6	5.2	6.6	7.0	10.7	9.2	.84	.79
16	5	88	3	340.	3.2	5.4	5.0	5.8	6.4	9.5	8.3	.62	.82
16	5	88	4	0.	3.0	5.0	4.6	5.4	10.2	9.1	7.7	.87	.84
16	5	88	5	337.	2.6	4.6	4.4	8.1	16.0	9.0	8.1	1.46	.83
16	5	88	6	330.	1.9	3.6	3.4	9.1	13.0	9.4	9.5	1.34	.83
16	5	88	7	309.	2.7	4.4	4.0	7.3	10.5	10.3	11.5	.53	.79
16	5	88	8	308.	2.4	3.8	3.6	9.7	10.2	13.0	14.0	-.47	.75
16	5	88	9	276.	2.1	3.6	3.4	11.4	15.7	15.1	15.8	-.78	.71
16	5	88	10	254.	1.8	3.4	3.0	20.8	26.1	17.2	17.7	-1.09	.68
16	5	88	11	111.	2.4	5.2	4.8	31.4	55.2	18.3	19.3	-.93	.59
16	5	88	12	142.	4.0	6.2	6.0	12.6	18.1	17.6	18.7	-.65	.62
16	5	88	13	121.	3.9	6.8	6.6	14.9	21.4	17.8	19.1	-.56	.61
16	5	88	14	149.	4.1	7.2	6.8	16.4	19.2	18.0	19.1	-.56	.61
16	5	88	15	127.	4.5	8.0	7.4	15.3	17.8	17.8	18.9	-.53	.58
16	5	88	16	138.	4.5	8.0	7.6	16.0	21.7	17.2	18.1	-.43	.62
16	5	88	17	136.	4.5	7.4	6.8	10.5	12.3	15.7	16.3	-.43	.68
16	5	88	18	135.	3.7	5.6	5.4	9.7	10.8	14.1	14.5	-.28	.79
16	5	88	19	129.	3.3	5.2	4.8	10.2	11.1	12.9	13.1	-.28	.90
16	5	88	20	132.	2.8	4.4	4.0	11.3	11.6	12.4	12.4	.00	.95
16	5	88	21	145.	2.0	4.0	3.8	23.2	33.5	12.8	11.8	.84	.96
16	5	88	22	127.	2.9	4.2	4.0	5.4	7.7	11.9	11.3	.81	.96
16	5	88	23	141.	1.6	3.4	3.2	10.6	13.8	11.1	10.5	1.37	.96
16	5	88	24	207.	2.0	5.4	5.0	11.2	20.5	11.0	9.9	1.55	.96
17	5	88	1	200.	3.6	6.4	6.0	10.2	10.7	11.9	10.5	.78	.74
17	5	88	2	205.	3.7	6.8	6.2	9.7	10.1	11.4	10.6	.25	.65
17	5	88	3	243.	2.5	4.8	4.4	14.0	22.2	10.2	9.4	.25	.65
17	5	88	4	235.	1.4	4.8	4.6	41.0	47.6	9.5	8.9	.12	.65
17	5	88	5	307.	1.4	3.2	3.0	12.8	27.2	9.4	9.1	-.03	.65
17	5	88	6	285.	2.6	4.8	4.6	11.0	15.1	9.5	9.7	-.16	.66
17	5	88	7	278.	3.4	7.4	6.8	16.5	16.9	10.9	11.6	-.50	.63
17	5	88	8	257.	4.5	9.2	8.8	16.9	18.4	11.9	12.4	-.68	.58
17	5	88	9	278.	4.0	8.0	7.6	19.4	22.7	12.3	13.1	-.78	.53
17	5	88	10	294.	5.1	9.6	8.8	13.5	14.0	12.0	12.9	-.81	.50
17	5	88	11	301.	4.7	8.6	8.2	13.8	14.9	12.1	13.0	-.96	.47
17	5	88	12	292.	4.2	7.8	7.6	18.1	22.8	12.6	13.6	-.87	.45
17	5	88	13	299.	4.7	9.4	8.6	13.3	14.5	12.3	13.0	-.71	.43
17	5	88	14	259.	4.3	9.2	8.6	16.9	22.5	12.6	13.4	-.68	.41
17	5	88	15	252.	4.1	9.4	8.2	19.2	21.6	13.6	14.2	-.81	.38
17	5	88	16	253.	4.9	11.2	10.6	22.1	22.9	13.3	13.8	-.68	.39
17	5	88	17	260.	4.5	10.2	9.4	22.8	26.6	12.6	13.1	-.65	.43
17	5	88	18	283.	4.6	10.6	9.0	20.6	22.6	12.5	12.9	-.68	.43
17	5	88	19	271.	6.1	12.2	11.4	15.6	17.0	11.5	11.6	-.40	.43
17	5	88	20	267.	5.6	10.8	10.2	13.4	13.8	10.5	10.2	-.31	.47
17	5	88	21	267.	4.0	8.2	7.6	16.9	17.2	9.1	9.0	-.09	.51
17	5	88	22	267.	5.5	9.8	9.2	14.2	14.4	8.2	8.1	-.09	.53
17	5	88	23	247.	3.6	9.6	9.0	17.6	20.2	7.3	7.2	-.09	.56
17	5	88	24	278.	2.4	5.0	4.4	15.8	18.2	6.2	6.0	-.03	.63
18	5	88	1	253.	1.9	5.2	5.0	17.7	27.7	5.3	4.8	.00	.69
18	5	88	2	309.	2.1	5.0	4.8	20.9	25.9	4.7	4.1	.12	.74
18	5	88	3	307.	1.9	4.0	3.6	15.5	19.4	4.1	3.6	.00	.76
18	5	88	4	302.	3.1	5.0	4.6	8.9	10.4	4.1	3.8	.06	.76
18	5	88	5	315.	2.5	4.6	4.4	9.5	11.5	4.7	5.2	-.09	.71
18	5	88	6	305.	2.7	4.0	3.8	6.6	7.2	5.8	6.7	-.34	.66
18	5	88	7	309.	2.8	5.0	4.8	9.1	10.1	7.3	8.4	-.50	.62
18	5	88	8	308.	4.1	8.4	8.0	10.8	11.0	8.6	9.7	-.56	.58
18	5	88	9	322.	4.7	8.4	8.0	11.3	13.0	9.6	10.7	-.59	.54
18	5	88	10	328.	4.0	9.6	9.2	22.1	24.0	11.0	12.2	-.78	.49
18	5	88	11	305.	3.5	7.0	6.2	16.4	21.9	11.4	12.3	-.78	.47
18	5	88	12	290.	2.2	5.6	5.2	20.0	22.5	11.6	12.3	-.65	.47
18	5	88	13	307.	1.9	4.6	4.4	54.8	58.6	12.7	13.4	-.62	.44
18	5	88	14	326.	2.3	6.0	5.8	28.9	31.9	12.5	13.2	-.56	.44
18	5	88	15	321.	4.5	11.8	11.0	14.5	16.6	12.6	13.5	-.56	.43
18	5	88	16	307.	4.6	11.6	10.6	14.5	15.8	11.9	12.6	-.43	.42
18	5	88	17	326.	5.5	11.4	10.6	13.2	15.4	11.8	12.4	-.43	.41
18	5	88	18	318.	6.1	11.8	10.8	12.7	12.9	11.3	11.8	-.31	.38
18	5	88	19	312.	6.1	10.6	10.0	11.8	12.2	10.8	11.1	-.34	.35
18	5	88	20	318.	5.4	11.2	10.2	12.5	12.9	9.7	9.5	-.25	.39
18	5	88	21	315.	5.0	9.4	9.0	12.6	12.6	8.3	8.1	-.09	.44
18	5	88	22	326.	3.9	8.6	8.4	13.3	15.5	7.3	7.1	-.06	.47
18	5	88	23	326.	3.2	7.4	6.8	13.8	15.3	6.6	6.3	-.03	.50
18	5	88	24	319.	2.9	5.8	5.6	11.8	13.1	5.8	5.2	.03	.55

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	5	88	1	311.	4.0	7.4	7.0	7.2	7.6	5.2	4.9	.06	.57
19	5	88	2	294.	3.2	5.0	4.8	6.4	9.7	4.0	3.7	.16	.66
19	5	88	3	299.	2.9	4.2	4.0	6.1	7.3	3.8	3.4	.19	.64
19	5	88	4	307.	3.0	4.4	4.2	5.8	7.6	3.5	3.1	.16	.66
19	5	88	5	301.	3.3	4.2	4.2	4.0	4.9	3.4	3.7	.00	.69
19	5	88	6	311.	3.0	4.6	4.4	4.0	4.7	4.2	4.9	-.19	.65
19	5	88	7	315.	2.3	3.6	3.4	8.7	9.2	5.8	7.0	-.25	.61
19	5	88	8	294.	2.2	4.0	3.6	12.4	13.7	7.8	8.9	-.65	.56
19	5	88	9	277.	1.9	3.6	3.4	20.2	21.8	9.4	10.1	-.96	.52
19	5	88	10	305.	1.8	4.6	3.8	66.2	112.5	10.6	11.6	-.96	.45
19	5	88	11	148.	3.3	6.4	6.2	38.4	73.1	10.7	11.8	-.90	.47
19	5	88	12	152.	3.5	7.2	7.2	22.5	26.6	10.8	12.0	-.71	.50
19	5	88	13	186.	3.5	6.8	6.4	26.5	29.1	11.6	12.9	-.90	.50
19	5	88	14	165.	4.6	9.2	8.8	18.5	19.4	11.4	12.7	-.65	.51
19	5	88	15	165.	4.6	9.6	9.4	18.5	19.5	11.4	12.6	-.59	.52
19	5	88	16	187.	4.8	8.2	7.6	17.4	20.1	11.4	12.8	-.71	.54
19	5	88	17	169.	4.5	7.8	7.4	16.6	18.8	11.3	12.5	-.59	.52
19	5	88	18	170.	4.2	7.2	6.6	15.3	15.8	10.6	11.5	-.31	.53
19	5	88	19	190.	3.6	6.4	6.2	14.8	18.3	10.2	11.0	-.40	.55
19	5	88	20	187.	2.2	5.2	5.0	9.9	11.1	9.1	9.0	-.12	.57
19	5	88	21	120.	1.4	3.2	3.0	12.7	30.4	8.1	6.6	.28	.64
19	5	88	22	131.	1.5	2.2	2.0	9.0	16.2	7.8	6.1	.47	.66
19	5	88	23	117.	1.6	2.8	2.6	5.1	12.4	6.8	5.4	.53	.69
19	5	88	24	105.	.6	1.6	1.4	27.7	54.6	5.9	4.3	.40	.74
20	5	88	1	83.	1.1	3.2	3.0	43.2	44.6	5.6	3.7	.53	.79
20	5	88	2	330.	2.2	3.8	3.6	27.8	28.6	3.4	2.7	.81	.83
20	5	88	3	325.	3.6	5.4	5.2	6.1	8.6	3.3	2.8	.34	.77
20	5	88	4	329.	2.6	3.8	3.6	5.6	11.9	2.8	2.2	.31	.81
20	5	88	5	330.	2.3	4.2	3.8	8.0	10.2	3.3	3.3	.50	.77
20	5	88	6	312.	2.4	4.2	4.0	8.7	11.8	3.7	4.6	.00	.76
20	5	88	7	319.	2.2	3.4	3.2	9.5	11.6	6.9	8.1	-.16	.66
20	5	88	8	305.	2.5	3.8	3.8	8.9	9.6	9.1	10.3	-.43	.64
20	5	88	9	308.	2.2	4.6	3.8	9.2	9.6	10.3	11.5	-.75	.61
20	5	88	10	263.	1.8	4.0	3.8	18.6	22.2	11.5	12.2	-.87	.60
20	5	88	11	172.	1.4	6.4	5.8	32.8	41.9	11.5	11.7	-.53	.59
20	5	88	12	122.	3.1	5.8	5.4	17.8	21.4	11.2	11.8	-.34	.61
20	5	88	13	134.	4.2	7.6	7.2	17.0	18.3	12.4	13.5	-.56	.62
20	5	88	14	149.	4.5	8.0	7.6	17.8	19.1	12.3	13.6	-.53	.62
20	5	88	15	142.	4.2	7.8	7.2	19.2	21.4	12.4	13.8	-.50	.55
20	5	88	16	146.	4.1	7.2	6.6	16.3	17.3	12.0	13.1	-.40	.54
20	5	88	17	160.	4.1	7.2	7.0	14.5	19.8	11.4	12.4	-.43	.60
20	5	88	18	134.	3.6	6.4	5.8	14.9	17.6	11.2	11.9	-.37	.59
20	5	88	19	156.	2.8	5.8	5.2	14.0	17.4	10.5	10.9	-.28	.63
20	5	88	20	129.	2.0	3.2	3.0	8.4	12.7	9.5	9.2	-.09	.66
20	5	88	21	146.	1.4	2.4	2.4	5.3	14.4	8.8	8.2	.00	.77
20	5	88	22	309.	.8	1.6	1.4	37.6	82.9	8.3	6.6	.25	.84
20	5	88	23	314.	2.5	4.6	4.2	6.3	13.5	6.9	6.2	.40	.83
20	5	88	24	307.	3.0	5.0	5.0	4.7	10.7	6.1	5.5	.56	.82
21	5	88	1	316.	3.3	5.2	4.8	5.6	6.6	6.4	5.9	.19	.67
21	5	88	2	312.	3.7	5.4	5.0	5.6	6.0	5.8	5.5	.09	.65
21	5	88	3	322.	3.9	5.4	5.2	5.3	6.0	5.4	5.0	.22	.65
21	5	88	4	307.	3.3	4.6	4.4	5.4	8.2	5.2	4.7	.12	.65
21	5	88	5	305.	3.7	4.8	4.6	2.8	3.4	5.1	5.3	.19	.66
21	5	88	6	311.	3.6	4.6	4.4	4.0	4.4	5.8	6.6	-.19	.65
21	5	88	7	311.	3.4	5.0	4.8	6.7	6.9	7.5	8.6	-.28	.61
21	5	88	8	309.	3.1	4.6	4.4	8.0	8.3	9.5	10.5	-.53	.56
21	5	88	9	302.	2.8	4.8	4.4	12.4	13.9	11.3	12.2	-.84	.52
21	5	88	10	287.	2.8	4.8	4.6	13.7	15.2	12.7	13.6	-1.02	.48
21	5	88	11	315.	2.7	5.6	5.2	20.9	23.1	13.5	14.4	-1.06	.45
21	5	88	12	292.	2.7	4.6	4.4	17.2	18.8	14.2	15.2	-.93	.43
21	5	88	13	304.	3.7	7.4	7.2	14.7	16.9	14.6	15.8	-.81	.41
21	5	88	14	305.	3.5	7.2	6.6	18.2	19.4	15.2	16.5	-.75	.39
21	5	88	15	100.	2.4	6.6	6.2	73.5	113.8	16.2	17.6	-.78	.41
21	5	88	16	122.	2.8	7.2	6.6	34.8	41.2	16.2	17.5	-.56	.44
21	5	88	17	155.	3.4	6.8	6.4	24.3	31.6	15.4	16.5	-.43	.45
21	5	88	18	159.	2.8	4.8	4.6	19.9	23.4	15.2	16.3	-.28	.44
21	5	88	19	155.	2.4	4.8	4.4	18.2	26.3	14.9	15.7	-.31	.44
21	5	88	20	184.	1.5	3.2	3.0	11.8	16.0	14.0	13.5	-.16	.48
21	5	88	21	281.	1.6	2.6	2.4	7.2	30.5	13.0	11.3	.19	.51
21	5	88	22	302.	2.4	3.6	3.4	3.7	8.7	12.2	11.1	.47	.52
21	5	88	23	28.	2.7	5.4	5.0	6.1	26.4	10.7	8.8	.81	.64
21	5	88	24	337.	2.4	4.2	4.0	11.0	25.0	10.9	9.5	.40	.61

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	5	88	1	323.	3.1	4.6	4.2	5.6	8.9	8.6	7.8	.47	.68
22	5	88	2	332.	3.0	4.4	4.2	5.4	6.3	7.6	6.8	.75	.72
22	5	88	3	333.	2.2	4.0	3.8	13.0	14.9	7.6	6.8	.34	.69
22	5	88	4	346.	2.7	5.0	4.6	8.4	10.5	7.8	6.8	.12	.67
22	5	88	5	359.	3.4	7.2	6.4	11.2	11.9	8.5	8.5	.03	.61
22	5	88	6	8.	3.8	8.4	8.0	13.3	15.2	9.3	10.0	-.09	.58
22	5	88	7	30.	4.1	7.8	7.6	19.8	21.0	10.0	11.1	-.22	.56
22	5	88	8	356.	3.0	6.4	6.0	20.8	22.0	11.1	12.5	-.31	.56
22	5	88	9	3.	3.2	7.8	7.4	20.8	23.3	12.2	13.6	-.53	.56
22	5	88	10	342.	2.8	6.4	6.2	30.6	31.9	13.3	14.7	-.59	.55
22	5	88	11	17.	2.4	5.6	5.2	64.0	83.0	14.7	15.7	-1.02	.54
22	5	88	12	344.	2.2	6.0	5.4	60.9	84.1	15.5	16.7	-.81	.50
22	5	88	13	155.	1.5	4.0	3.8	64.8	86.0	15.3	16.2	-.68	.51
22	5	88	14	150.	3.3	7.6	6.8	20.6	23.7	14.0	14.9	-.43	.60
22	5	88	15	145.	3.5	7.0	6.8	21.1	24.4	13.5	14.3	-.37	.62
22	5	88	16	165.	3.8	7.0	6.4	16.3	17.0	13.2	14.0	-.31	.59
22	5	88	17	162.	3.3	6.4	6.2	18.3	20.3	12.9	13.5	-.28	.57
22	5	88	18	138.	2.6	5.6	5.4	16.7	18.9	13.0	13.6	-.25	.57
22	5	88	19	96.	3.5	10.2	9.8	14.5	24.6	11.7	11.9	-.28	.58
22	5	88	20	91.	3.6	7.6	7.2	14.7	15.5	10.3	10.4	-.22	.60
22	5	88	21	72.	2.8	5.4	5.2	14.3	20.8	9.3	9.4	-.16	.66
22	5	88	22	89.	1.5	3.2	2.8	12.7	16.5	8.5	7.8	.16	.83
22	5	88	23	73.	1.3	2.6	2.4	7.8	17.3	8.4	7.8	.06	.81
22	5	88	24	69.	2.4	4.8	4.4	9.2	12.2	8.1	7.9	-.03	.76
23	5	88	1	45.	2.5	5.0	4.8	12.3	15.3	7.2	7.2	-.12	.80
23	5	88	2	31.	2.1	5.0	4.8	14.7	18.1	6.7	6.7	-.12	.83
23	5	88	3	4.	2.5	5.0	4.6	13.6	15.1	6.5	6.5	-.12	.85
23	5	88	4	329.	1.9	4.2	4.0	13.2	19.8	6.3	6.3	-.09	.87
23	5	88	5	339.	1.2	2.2	2.0	11.9	21.0	6.4	6.5	-.06	.88
23	5	88	6	280.	.3	1.6	1.4	31.6	47.8	7.1	7.3	-.28	.85
23	5	88	7	298.	.8	2.6	2.4	13.0	16.3	7.6	8.1	-.37	.82
23	5	88	8	301.	1.6	3.2	3.0	19.2	23.2	9.8	10.7	-.87	.77
23	5	88	9	314.	1.8	3.6	3.4	23.6	24.8	10.9	12.3	-.87	.72
23	5	88	10	32.	1.9	4.4	4.2	31.9	44.8	11.0	12.0	-.87	.70
23	5	88	11	167.	1.8	6.0	5.8	55.0	101.4	11.4	12.4	-.53	.70
23	5	88	12	195.	3.2	5.8	5.4	19.9	24.1	12.1	13.5	-.65	.73
23	5	88	13	180.	3.5	7.2	6.8	15.2	16.6	11.2	12.2	-.65	.77
23	5	88	14	8.	1.3	4.2	4.0	43.7	83.1	12.1	12.9	-.43	.76
23	5	88	15	153.	2.2	5.8	5.6	61.0	69.2	12.7	13.6	-.59	.75
23	5	88	16	183.	3.7	7.6	7.2	15.2	17.7	12.2	13.1	-.43	.75
23	5	88	17	110.	2.7	5.4	5.2	16.0	34.3	11.5	11.9	-.31	.77
23	5	88	18	115.	3.6	6.2	6.0	10.9	11.9	10.5	10.8	-.31	.85
23	5	88	19	194.	2.4	6.0	5.8	52.4	71.6	9.6	9.6	-.16	.89
23	5	88	20	190.	5.3	14.4	13.8	15.5	16.9	8.6	8.3	.19	.90
23	5	88	21	141.	5.0	8.6	7.6	15.8	24.1	7.9	7.8	.16	.91
23	5	88	22	143.	3.2	5.0	4.8	8.7	10.8	8.7	8.5	.22	.92
23	5	88	23	145.	2.3	4.0	3.6	6.6	10.0	8.8	8.3	.28	.95
23	5	88	24	77.	.7	1.8	1.6	22.7	30.6	8.3	6.9	.28	.94
24	5	88	1	214.	.5	1.8	1.6	46.8	79.8	7.5	6.2	.59	.92
24	5	88	2	39.	.8	1.8	1.6	21.0	31.7	6.7	5.4	.75	.90
24	5	88	3	22.	.8	1.6	1.4	10.7	15.3	6.8	5.5	.68	.90
24	5	88	4	354.	.9	1.6	1.4	20.2	27.2	6.3	5.2	1.15	.90
24	5	88	5	354.	1.1	2.6	2.4	9.8	14.1	6.4	6.2	.93	.90
24	5	88	6	127.	.5	2.2	2.0	58.8	74.6	8.7	9.4	.00	.86
24	5	88	7	111.	.5	2.6	2.4	50.3	54.1	11.1	11.6	.03	.86
24	5	88	8	136.	2.5	4.6	4.4	20.5	21.9	11.6	12.6	-.40	.86
24	5	88	9	138.	2.8	5.2	5.2	17.8	19.1	11.6	12.3	-.31	.83
24	5	88	10	136.	3.6	6.4	5.8	17.1	17.6	12.5	13.6	-.47	.74
24	5	88	11	153.	3.4	6.2	5.8	16.1	17.6	12.8	13.7	-.37	.65
24	5	88	12	152.	3.8	6.8	6.4	16.3	16.7	13.6	14.6	-.34	.56
24	5	88	13	139.	3.8	7.0	6.4	15.4	15.7	13.6	14.4	-.34	.50
24	5	88	14	127.	4.2	7.4	7.2	14.3	16.5	13.7	14.3	-.37	.53
24	5	88	15	141.	4.3	9.4	8.6	14.3	14.5	13.1	13.5	-.28	.60
24	5	88	16	139.	4.3	8.0	7.6	13.6	14.0	12.4	12.7	-.28	.70
24	5	88	17	134.	3.5	6.8	6.6	15.4	16.0	12.1	12.3	-.22	.71
24	5	88	18	139.	3.2	6.2	5.8	13.1	13.3	11.9	12.1	-.22	.73
24	5	88	19	121.	1.8	4.6	4.2	16.5	19.4	11.6	11.6	-.19	.81
24	5	88	20	108.	1.7	3.0	2.8	9.3	14.9	11.2	11.2	-.12	.87
24	5	88	21	131.	2.5	4.4	4.2	7.6	9.2	10.9	10.8	-.03	.90
24	5	88	22	148.	2.9	6.0	5.6	13.3	15.4	10.9	10.9	-.09	.90
24	5	88	23	156.	2.7	5.6	5.2	16.2	17.4	10.6	10.6	-.19	.95
24	5	88	24	163.	1.2	3.6	3.2	19.7	21.4	10.3	10.4	-.19	.96

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	5	88	1	110.	1.1	2.0	2.0	15.0	26.6	10.1	10.2	-.19	.96
25	5	88	2	89.	1.3	2.0	1.8	5.3	8.4	10.0	10.0	-.16	.96
25	5	88	3	55.	1.1	2.0	1.8	16.0	29.4	10.0	10.1	-.16	.96
25	5	88	4	219.	.6	2.0	2.0	30.4	107.0	10.0	10.0	-.12	.96
25	5	88	5	28.	.3	.8	.8	32.7	50.9	10.2	10.3	-.09	.96
25	5	88	6	299.	.7	1.8	1.6	47.9	62.9	10.2	10.4	-.22	.95
25	5	88	7	354.	.3	1.2	1.0	10.6	24.9	10.5	10.9	-.19	.94
25	5	88	8	274.	.8	2.2	2.0	33.5	45.4	12.3	13.1	-.37	.89
25	5	88	9	177.	1.7	6.0	5.6	41.0	52.2	12.0	12.4	-.34	.89
25	5	88	10	188.	3.7	7.0	6.6	15.5	16.8	13.0	14.2	-.78	.82
25	5	88	11	76.	2.1	5.4	4.8	40.5	56.9	14.2	15.1	-.59	.77
25	5	88	12	118.	5.4	8.8	8.4	13.5	16.4	13.9	14.9	-.71	.80
25	5	88	13	146.	4.7	8.8	8.4	13.6	17.6	13.7	14.6	-.47	.80
25	5	88	14	136.	4.5	9.0	8.2	20.0	22.7	13.7	14.7	-.47	.77
25	5	88	15	152.	4.7	7.8	7.4	14.8	16.3	13.6	14.7	-.40	.77
25	5	88	16	141.	4.1	7.4	7.0	18.7	21.7	13.7	14.7	-.37	.79
25	5	88	17	145.	3.9	7.8	7.6	16.0	18.1	13.0	13.8	-.34	.85
25	5	88	18	173.	3.4	6.2	5.8	14.1	17.9	12.2	12.6	-.28	.89
25	5	88	19	157.	2.1	4.4	4.2	17.9	19.7	12.0	12.3	-.25	.90
25	5	88	20	121.	1.8	3.2	3.0	13.3	23.1	11.5	11.6	-.22	.95
25	5	88	21	115.	1.7	2.4	2.2	7.2	7.7	11.0	11.1	-.16	.96
25	5	88	22	82.	1.2	2.2	2.0	3.7	13.2	10.8	10.6	.16	.96
25	5	88	23	20.	.8	2.0	1.8	25.3	46.8	10.7	9.8	.16	.96
25	5	88	24	288.	1.5	2.2	2.2	9.1	35.0	10.1	9.3	.31	.96
26	5	88	1	217.	1.3	2.2	2.0	14.1	27.9	9.7	8.9	.34	.95
26	5	88	2	346.	.4	1.6	1.4	62.4	105.5	9.5	8.4	.12	.94
26	5	88	3	333.	.9	2.0	1.8	13.4	20.0	9.2	8.1	.31	.94
26	5	88	4	335.	1.5	2.8	2.6	5.3	7.4	8.3	7.7	.47	.94
26	5	88	5	347.	1.9	3.2	3.0	8.0	13.3	7.8	7.9	.09	.94
26	5	88	6	346.	1.5	3.4	3.0	10.2	10.6	9.6	10.2	.06	.94
26	5	88	7	1.	1.1	2.8	2.6	21.1	22.7	11.6	13.4	.06	.86
26	5	88	8	280.	1.0	2.0	2.0	21.3	39.4	13.6	14.5	-.34	.85
26	5	88	9	132.	1.6	3.6	3.4	42.0	87.6	15.8	16.8	-.65	.80
26	5	88	10	112.	2.0	4.0	4.0	25.0	27.2	16.8	17.9	-.71	.78
26	5	88	11	91.	2.4	5.2	4.8	25.3	27.7	17.7	19.0	-.81	.76
26	5	88	12	146.	3.0	5.8	5.4	21.9	26.0	18.7	20.0	-.62	.66
26	5	88	13	153.	3.4	6.0	5.6	19.0	20.2	18.8	20.0	-.43	.65
26	5	88	14	131.	3.2	6.2	5.6	18.3	20.4	18.8	19.9	-.34	.64
26	5	88	15	145.	3.1	6.0	5.8	18.4	20.7	18.7	19.4	-.28	.63
26	5	88	16	202.	1.8	4.6	4.2	15.0	22.5	18.1	18.5	-.19	.61
26	5	88	17	179.	1.3	2.2	2.2	9.0	11.6	17.3	17.6	-.28	.64
26	5	88	18	307.	.2	1.0	1.0	41.2	109.3	17.5	17.8	-.25	.67
26	5	88	19	35.	.3	1.2	1.0	21.9	34.9	17.4	17.5	-.22	.75
26	5	88	20	7.	1.2	2.0	2.0	2.4	11.0	16.9	16.0	.03	.81
26	5	88	21	3.	1.2	2.2	2.0	4.2	6.6	16.3	15.0	.28	.80
26	5	88	22	0.	1.2	2.2	2.2	5.6	7.4	15.8	14.1	.34	.81
26	5	88	23	342.	1.8	3.2	3.0	5.4	7.3	14.6	13.6	.31	.84
26	5	88	24	336.	1.7	3.0	2.8	5.4	7.8	13.9	13.0	.50	.84
27	5	88	1	321.	1.9	3.2	3.0	6.6	10.2	13.2	12.6	.37	.85
27	5	88	2	335.	2.2	3.2	3.0	5.3	6.3	12.1	11.8	.28	.87
27	5	88	3	332.	2.3	4.0	3.8	6.7	8.4	11.5	11.1	.43	.90
27	5	88	4	323.	2.2	3.4	3.2	8.0	11.3	10.9	10.4	.34	.92
27	5	88	5	351.	2.1	4.2	3.6	8.7	12.1	10.8	10.6	.47	.91
27	5	88	6	340.	1.1	2.4	2.0	9.4	10.4	12.5	13.1	.31	.85
27	5	88	7	20.	.7	2.2	1.8	21.4	30.9	14.9	16.7	.43	.79
27	5	88	8	98.	.9	3.0	2.8	66.8	101.1	18.3	19.4	-.28	.73
27	5	88	9	252.	1.4	3.4	3.0	46.5	129.5	19.0	19.9	-.84	.70
27	5	88	10	141.	2.2	5.4	4.8	31.4	54.1	20.1	21.0	-.90	.69
27	5	88	11	145.	3.8	6.6	6.4	16.9	17.6	20.6	21.6	-.56	.66
27	5	88	12	135.	5.0	8.6	8.0	14.3	15.3	21.2	22.1	-.53	.62
27	5	88	13	122.	4.3	8.0	7.4	15.0	15.5	21.8	22.7	-.53	.60
27	5	88	14	142.	4.3	8.2	7.6	14.8	16.2	22.4	23.4	-.43	.56
27	5	88	15	131.	4.3	7.2	7.0	15.0	16.0	22.5	23.4	-.34	.53
27	5	88	16	143.	3.4	6.8	6.4	15.1	16.3	22.5	23.1	-.28	.53
27	5	88	17	136.	3.0	5.0	4.8	12.0	12.3	22.1	22.4	-.22	.58
27	5	88	18	131.	2.6	4.8	4.6	11.8	12.8	22.3	22.8	-.28	.61
27	5	88	19	146.	1.7	3.0	3.0	11.0	12.3	22.0	22.3	-.25	.67
27	5	88	20	125.	1.9	2.8	2.6	7.0	12.0	21.3	21.1	-.09	.73
27	5	88	21	104.	1.6	2.2	2.0	2.0	10.7	20.3	18.6	.37	.81
27	5	88	22	98.	1.6	2.2	2.0	2.8	64.0	19.7	17.4	.56	.87
27	5	88	23	59.	.9	1.8	1.8	7.3	20.7	19.1	16.8	.53	.89
27	5	88	24	41.	1.1	2.6	2.6	11.0	20.7	18.2	16.4	.68	.90

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	5	88	1	359.	1.4	3.2	2.8	21.1	23.3	16.6	14.7	1.30	.94
28	5	88	2	10.	1.6	3.2	3.0	56.6	71.2	15.9	14.1	1.61	.95
28	5	88	3	356.	.7	2.4	2.2	69.1	99.4	15.5	13.6	1.37	.96
28	5	88	4	30.	1.4	2.4	2.2	18.4	28.6	15.4	13.2	1.21	.96
28	5	88	5	344.	1.3	3.0	2.8	51.2	60.0	14.6	13.7	1.18	.96
28	5	88	6	66.	1.2	2.2	2.0	20.2	31.1	16.6	17.5	.31	.96
28	5	88	7	42.	1.2	3.0	2.8	22.6	23.4	18.9	20.6	-.40	.80
28	5	88	8	87.	2.3	4.6	4.2	67.0	67.7	20.4	99.0	-.62	.75
28	5	88	9	111.	3.2	6.6	6.4	19.0	20.4	21.3	22.2	-.65	.72
28	5	88	10	108.	5.0	9.8	9.6	13.5	14.3	22.0	22.8	-.62	.72
28	5	88	11	118.	6.1	10.8	10.4	13.2	14.2	22.7	23.5	-.59	.58
28	5	88	12	121.	6.0	10.2	10.0	13.5	14.0	23.8	24.0	-.53	.50
28	5	88	13	146.	5.2	9.6	10.2	13.7	15.6	22.8	23.2	-.31	.52
28	5	88	14	112.	4.4	8.6	8.2	15.5	17.6	22.9	99.0	-.34	.63
28	5	88	15	129.	3.7	7.0	6.2	16.0	17.2	23.7	24.5	-.40	.67
28	5	88	16	131.	3.7	7.2	7.0	16.9	17.2	24.2	25.0	-.37	.68
28	5	88	17	141.	3.5	6.8	6.4	16.3	16.8	24.2	24.9	-.28	.69
28	5	88	18	142.	2.8	5.2	5.0	13.9	14.7	24.1	24.6	-.25	.70
28	5	88	19	128.	1.4	3.4	3.4	18.9	30.9	24.2	24.8	-.31	.71
28	5	88	20	73.	.2	1.0	.8	13.6	33.2	24.1	22.5	-.34	.77
28	5	88	21	24.	.9	2.2	2.0	2.4	13.0	22.4	19.5	.03	.80
28	5	88	22	89.	2.1	4.0	3.8	10.0	17.8	21.2	20.0	.31	.76
28	5	88	23	70.	2.7	5.4	5.2	10.2	12.6	20.4	19.3	.40	.74
28	5	88	24	103.	3.4	7.0	6.8	10.1	16.2	20.0	19.3	.22	.73
29	5	88	1	107.	3.7	7.6	7.0	6.0	7.8	19.0	18.3	.22	.76
29	5	88	2	80.	2.9	4.0	3.8	4.2	8.6	18.5	16.8	.50	.82
29	5	88	3	48.	2.7	4.4	4.0	8.0	11.6	17.5	16.4	.28	.83
29	5	88	4	65.	2.4	5.2	4.4	13.9	19.1	17.1	16.6	.16	.85
29	5	88	5	101.	3.3	7.0	6.8	14.1	22.6	17.7	17.7	-.12	.84
29	5	88	6	77.	4.0	9.0	8.6	14.3	19.3	16.6	16.7	-.16	.90
29	5	88	7	79.	4.0	8.8	8.0	15.2	15.7	17.4	17.9	-.34	.88
29	5	88	8	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
29	5	88	9	55.	2.9	6.0	5.8	20.1	25.4	16.9	17.9	-.50	.93
29	5	88	10	62.	3.7	7.2	7.0	17.7	18.3	18.7	19.7	-.78	.89
29	5	88	11	55.	3.8	7.4	6.8	16.6	17.2	18.0	18.3	-.34	.91
29	5	88	12	91.	3.5	8.2	7.8	18.6	22.0	17.7	17.9	-.28	.93
29	5	88	13	51.	2.4	6.2	5.8	24.5	32.2	16.4	16.5	-.19	.96
29	5	88	14	323.	1.4	3.6	3.4	22.3	29.2	18.4	19.6	-.43	.93
29	5	88	15	101.	2.6	5.8	5.4	27.4	50.4	19.1	19.8	-.40	.92
29	5	88	16	100.	3.6	6.2	5.8	12.6	13.6	19.3	19.9	-.47	.92
29	5	88	17	93.	3.3	6.0	5.8	13.0	13.5	19.3	19.8	-.43	.88
29	5	88	18	77.	3.3	6.0	5.4	12.4	13.3	18.7	19.0	-.31	.86
29	5	88	19	70.	2.9	6.4	5.8	14.7	15.3	18.7	19.0	-.37	.89
29	5	88	20	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
29	5	88	21	110.	3.5	7.6	7.2	13.6	15.9	17.5	17.2	-.12	.96
29	5	88	22	96.	3.5	6.8	.0	12.9	13.7	16.7	16.6	-.09	.95
29	5	88	23	97.	3.6	6.0	5.8	10.8	12.1	15.9	15.8	-.09	.90
29	5	88	24	86.	3.6	7.0	6.2	10.3	11.8	15.5	15.5	-.12	.94
30	5	88	1	124.	4.7	10.8	10.2	14.3	14.7	15.4	15.4	-.12	.93
30	5	88	2	174.	3.2	9.4	9.0	21.5	26.8	14.7	14.8	-.19	.96
30	5	88	3	104.	1.5	4.8	4.4	24.7	42.7	14.2	14.2	-.16	.92
30	5	88	4	118.	2.1	3.6	3.4	9.6	12.4	99.0	13.9	-.16	.96
30	5	88	5	153.	2.0	3.8	3.6	17.3	24.1	13.8	13.9	-.16	.96
30	5	88	6	159.	1.7	3.2	3.0	14.5	17.4	14.0	14.1	-.22	.96
30	5	88	7	152.	1.3	2.8	2.6	18.4	19.8	14.5	14.9	-.22	.94
30	5	88	8	194.	1.8	4.6	4.4	25.5	34.9	15.2	16.0	-.34	.91
30	5	88	9	208.	2.4	5.6	5.0	18.8	20.1	16.6	17.6	-.78	.88
30	5	88	10	138.	2.9	6.2	5.8	24.0	31.5	17.7	19.1	-.84	.85
30	5	88	11	114.	3.8	8.0	7.4	19.8	24.9	16.7	17.5	-.50	.90
30	5	88	12	142.	4.7	8.4	8.0	14.5	19.9	17.1	18.1	-.43	.86
30	5	88	13	155.	4.2	8.0	7.4	16.3	19.6	17.7	18.8	-.43	.78
30	5	88	14	165.	4.5	8.2	8.0	16.7	17.5	18.3	19.4	-.43	.72
30	5	88	15	181.	4.6	9.2	8.8	17.8	20.4	18.7	19.9	-.50	.69
30	5	88	16	183.	5.0	10.4	10.0	17.4	18.2	18.5	19.8	-.65	.68
30	5	88	17	197.	5.4	10.8	10.4	16.0	16.3	17.6	18.8	-.59	.68
30	5	88	18	177.	3.9	8.0	7.4	14.8	16.5	17.3	18.0	-.43	.68
30	5	88	19	166.	3.1	5.8	5.4	14.4	14.9	16.1	16.4	-.22	.77
30	5	88	20	169.	2.8	5.6	5.4	14.5	16.5	15.0	14.9	-.06	.76
30	5	88	21	160.	3.4	7.2	6.2	13.9	14.8	14.1	13.8	-.06	.73
30	5	88	22	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
30	5	88	23	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
30	5	88	24	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
31	5	88	1	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
31	5	88	2	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
31	5	88	3	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
31	5	88	4	342.	1.1	3.4	3.4	31.1	41.3	9.3	8.3	.43	.86
31	5	88	5	336.	2.8	4.4	4.4	6.9	7.3	9.0	8.9	.12	.86
31	5	88	6	346.	1.7	3.4	3.0	9.9	10.6	9.8	10.4	.00	.81
31	5	88	7	344.	1.4	3.2	3.2	17.3	18.8	11.6	13.4	.09	.75
31	5	88	8	305.	1.4	2.4	2.4	12.8	13.8	13.8	14.9	-.56	.73
31	5	88	9	259.	.8	2.2	2.0	22.4	35.2	16.9	17.6	-.71	.69
31	5	88	10	122.	1.7	4.2	4.0	30.7	61.9	17.9	18.7	-.93	.65
31	5	88	11	127.	3.1	6.2	5.4	15.8	18.3	17.5	18.6	-.65	.70
31	5	88	12	156.	3.5	7.2	6.4	19.3	20.4	17.4	18.6	-.50	.85
31	5	88	13	143.	3.9	7.0	6.8	16.2	19.3	16.9	17.8	-.40	.84
31	5	88	14	162.	3.8	6.8	6.4	16.8	21.6	17.0	17.9	-.37	.83
31	5	88	15	170.	4.5	7.8	7.4	14.1	14.4	17.4	18.5	-.47	.76
31	5	88	16	176.	3.7	7.2	7.0	20.3	22.8	17.8	19.0	-.47	.75
31	5	88	17	184.	3.4	6.6	5.8	17.8	20.8	17.6	18.5	-.47	.75
31	5	88	18	180.	2.7	5.4	5.2	15.8	17.4	17.0	17.7	-.40	.75
31	5	88	19	173.	2.0	4.4	4.0	15.8	16.1	16.6	17.1	-.28	.77
31	5	88	20	127.	2.3	4.8	4.4	13.7	19.1	15.0	15.0	-.16	.87
31	5	88	21	145.	2.3	4.0	3.8	8.3	15.1	13.6	13.2	.03	.96
31	5	88	22	159.	2.5	3.8	3.8	7.4	8.6	13.3	12.7	.19	.96
31	5	88	23	128.	1.8	3.0	2.8	7.6	13.6	12.9	12.2	.19	.96
31	5	88	24	93.	1.9	2.8	2.6	4.0	11.0	12.5	11.9	.22	.96
MANGLER(ANT)				8	8	8	8	8	8	9	10	8	8
MANGLER(%)				1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.1	1.1

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TITTEL
Meteorologiske data fra nedre Telemark, våren 1988.

PROSJEKTLEDER
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NILU PROSJEKT NR.
O-8365

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Kari Hoem

TILGJENGELIGHET
A

OPPDRAGSGIVERS REF.

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 01.03.88-31.05.88 viser dominerende nordvestlige vinder ved Ås. Vinden var i denne perioden mye mer kanalisert langs Frierfjorden enn hva tilfellet har vært for tidligere vårperioder. Gjennomsnittlig vindstyrke 3,0 m/s var 0,1 m/s høyere enn normalt. Stabilitetsfordelingen viser færre tilfeller av stabil sjiktning enn vanlig. Mars og april var kaldere enn gjennomsnittet for de ti siste årene, mens mai var varmere.

TITLE
Meteorological data from nedre Telemark, spring 1988.

ABSTRACT (max. 300 characters, 7 lines)
A statistical evaluation of meteorological data from nedre Telemark during the spring 1988 shows dominating winds from northwest. Winds along Frierfjorden appeared more often than earlier. Stable and light stable cases were observed in about 21% of the time (less than normal). March and April were colder than normal, while May was warmer.

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