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METEOROLOGISKE DATA FRA NEDRE TELEMARK, VÅREN 1987

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SAMMENDRAG

De meteorologiske målingene fra Ås i nedre Telemark i perioden 1.3.87-31.5.87 er presentert.

Vindretningsfordelingen for måleperioden var lik fordelingen for de siste fem års vårperioder. Det blåste oftest fra nord-nordvest (15%). Gjennomsnittlig vindstyrke på 2.9 m/s var som normalt.

Fordelingen av stabilitetsklassene avvek endel fra det som har vært vanlig de ti siste årene. Det var færre tilfeller av lett stabilt og stabilt, og flere tilfeller av ustabilt og nøytralt enn det som har vært vanlig tidligere. De stabile tilfellene forekom, som vanlig, ved vinder fra nordvest, mens nøytral og ustabil sjikting forekom på dagtid med vind fra omkring sørøst.

Mars og mai var kaldere enn gjennomsnittet for de ti siste årene, mens april var litt varmere enn normalt. Mars 1987, med gjennomsnitts-temperatur på -3.5^{0}C, var den kaldeste mars måned som har vært registrert ved Ås. Middeltemperaturen for mars var 3.8^{0}C lavere, april var 0.5^{0}C høyere og mai var 1.8^{0}C lavere, enn gjennomsnittet for de ti siste årene.

INNHOLD

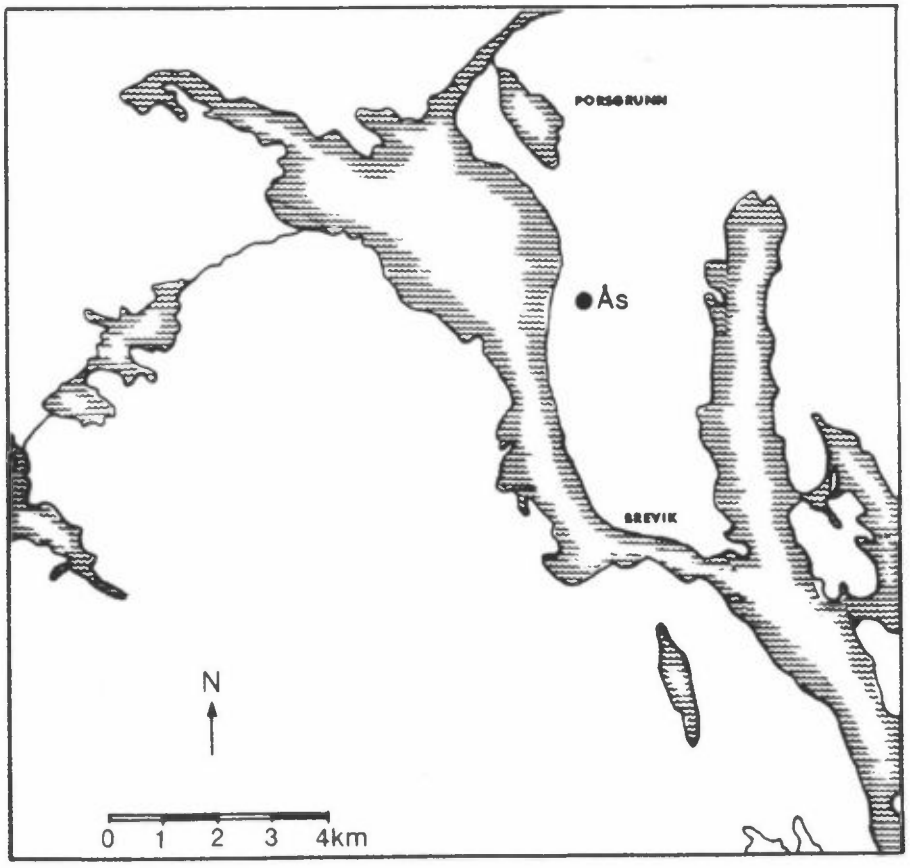
METEOROLOGISKE DATA FRA NEDRE TELEMARK VÅREN 1987

1 INNLEDNING

Denne presentasjonen av meteorologiske data fra nedre Telemark i perioden 1.3.87-31.5.87 (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).

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.

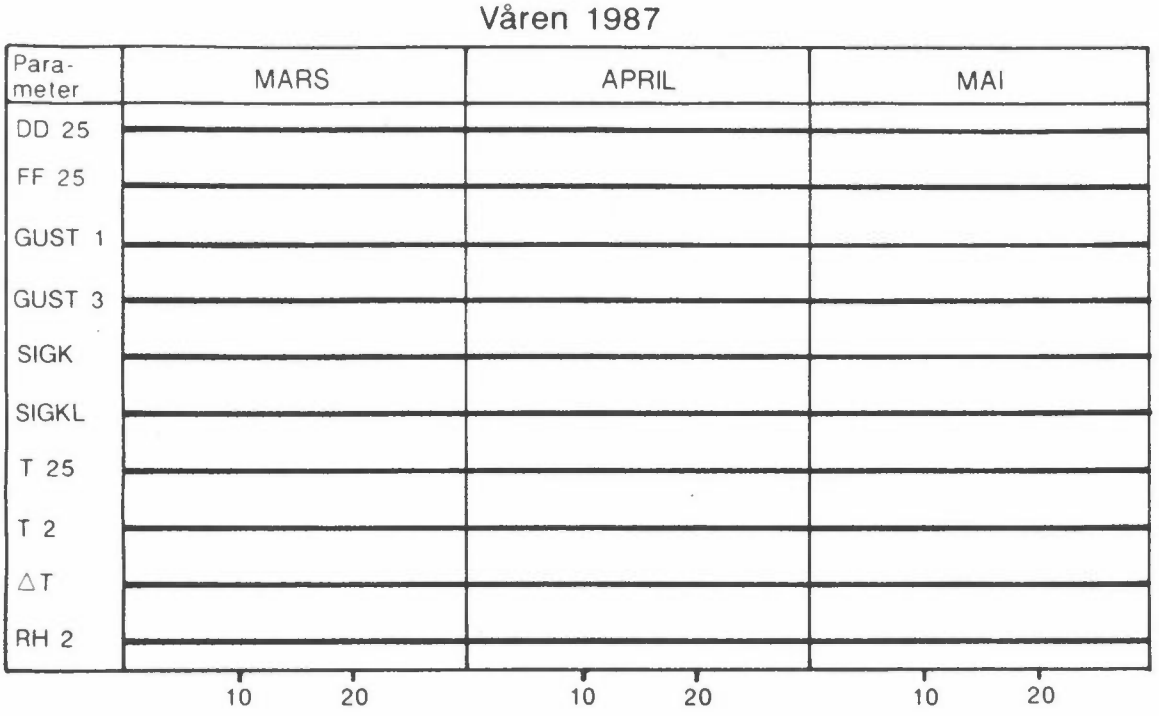
3 DATATILGJENGELIGHET/KVALITET

Figur 2 viser datatilgjengeligheten for de ulike meteorologiske parametere på Ås våren 1987.

Datatilgjengeligheten var følgende:

99.95% for alle parametrene.

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.

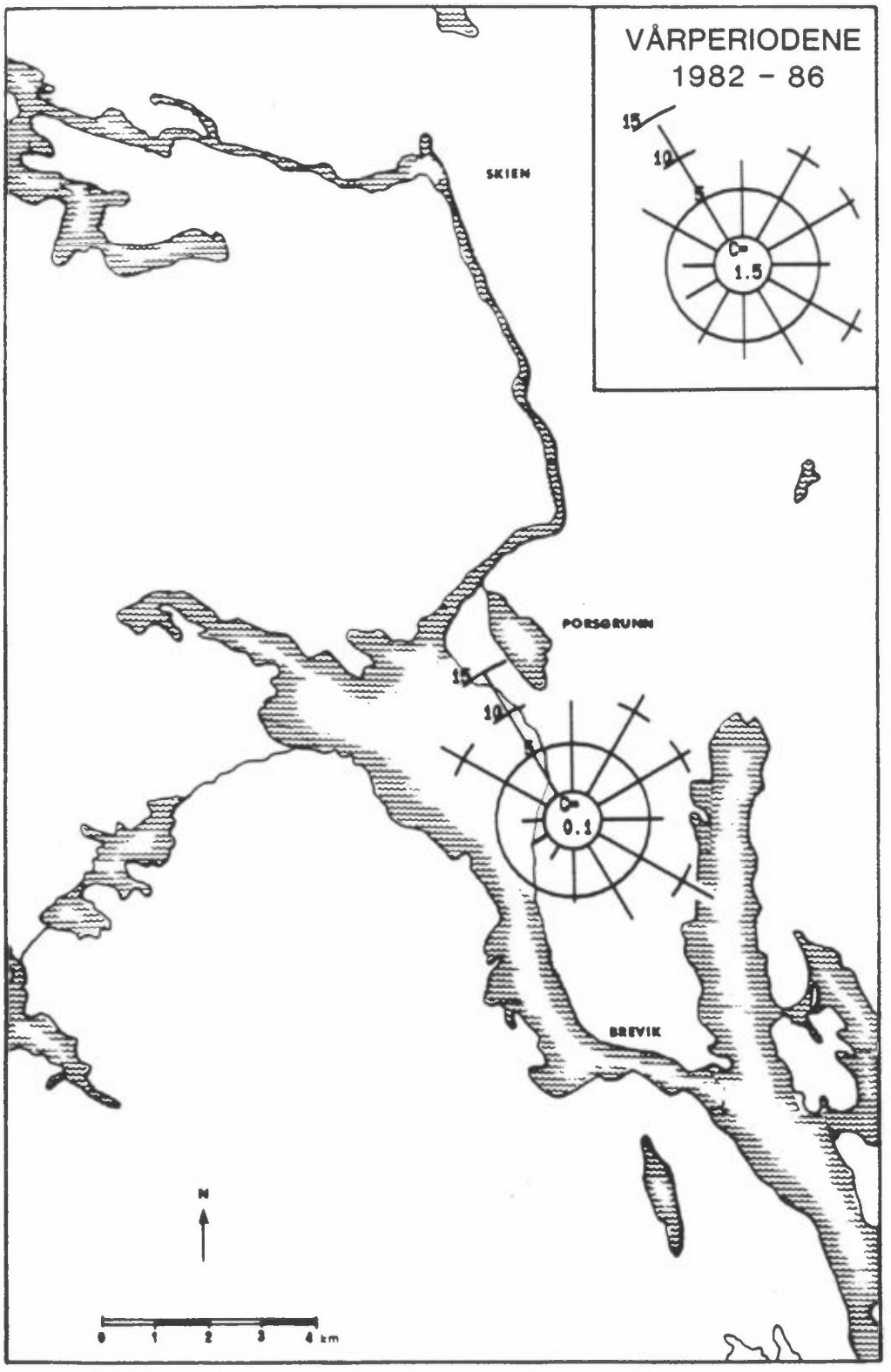
4 VINDFORHOLDENE

4.1 VINDRETNING

Vindrose fra Ås for våren 1987 er vist i figur 3 sammen med rosen for de fem vårperiodene 1982-1986.

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

Våren 1987 blåste det oftest fra nord-nordvest. Vindrosen for våren 1987 tilsvarer veldig godt vindretningsfordelingen for de fem tidligere vårperiodene. Dominerende vindretning var i mars nord-nordvest, i april øst-sørøst og i mai vest-nordvest til nord.

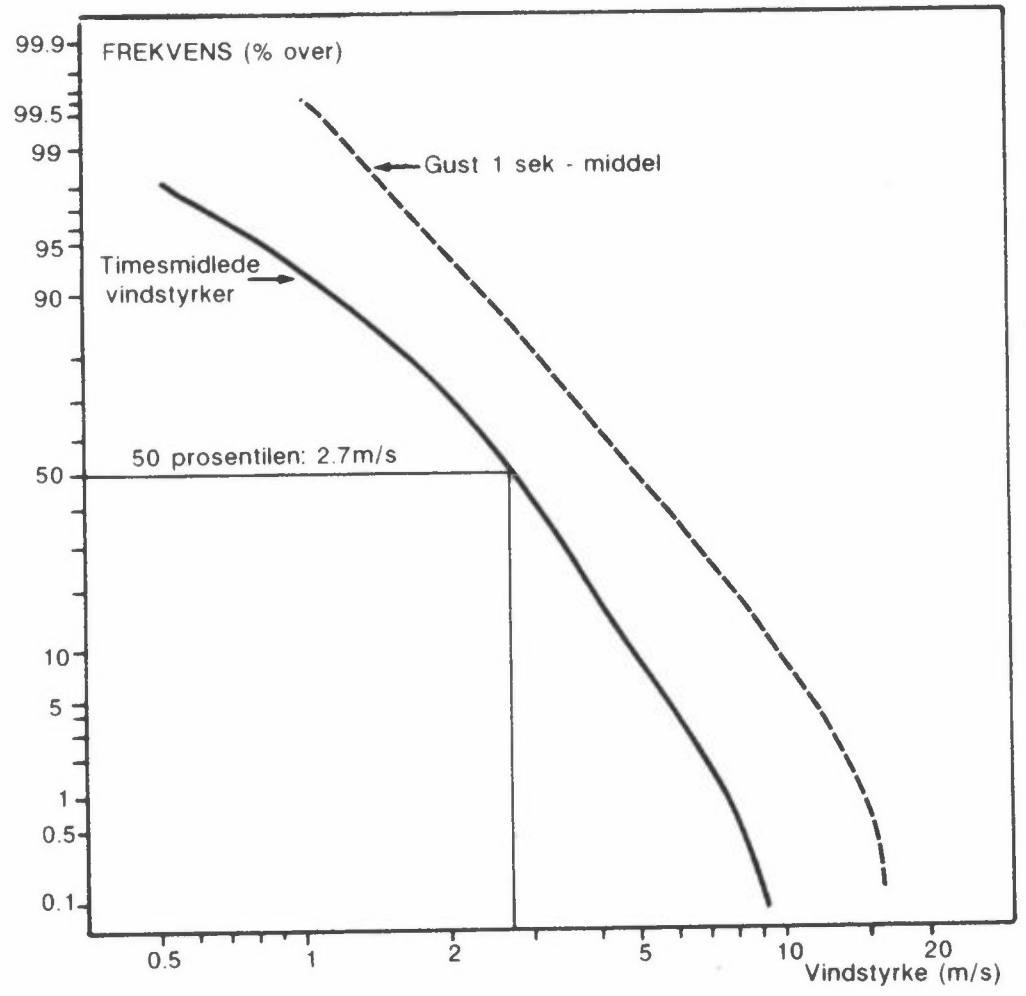


Figur 3: Vindroser (frekvens av vind i % i 12 sektorer) for våren 1987 og for vårperiodene 1982-1986.

4.2 VINDSTYRKE

Middelvindstyrken for våren 1987 var lik gjennomsnittet for vårperiodene 1982-1986, og ble målt til 2.9 m/s. Gjennomsnittlige vindstyrker var for mars 2.9 m/s, april 2.8 m/s og mai 3.0 m/s.

Figur 4 viser den kvartalsvise vindstyrkefordelingen ved Ås. Vindstyrker over 6 m/s forekom i 3.5% av tiden. Svake vinder, mindre enn 2 m/s forekom i 29.6% av tiden. I gjennomsnitt blåste det svakest ved vind fra vest-sørvest ved Ås (2.0 m/s). Kraftigst blåste det fra nord-nordøst, øst-nordøst og sør (3.2 m/s).

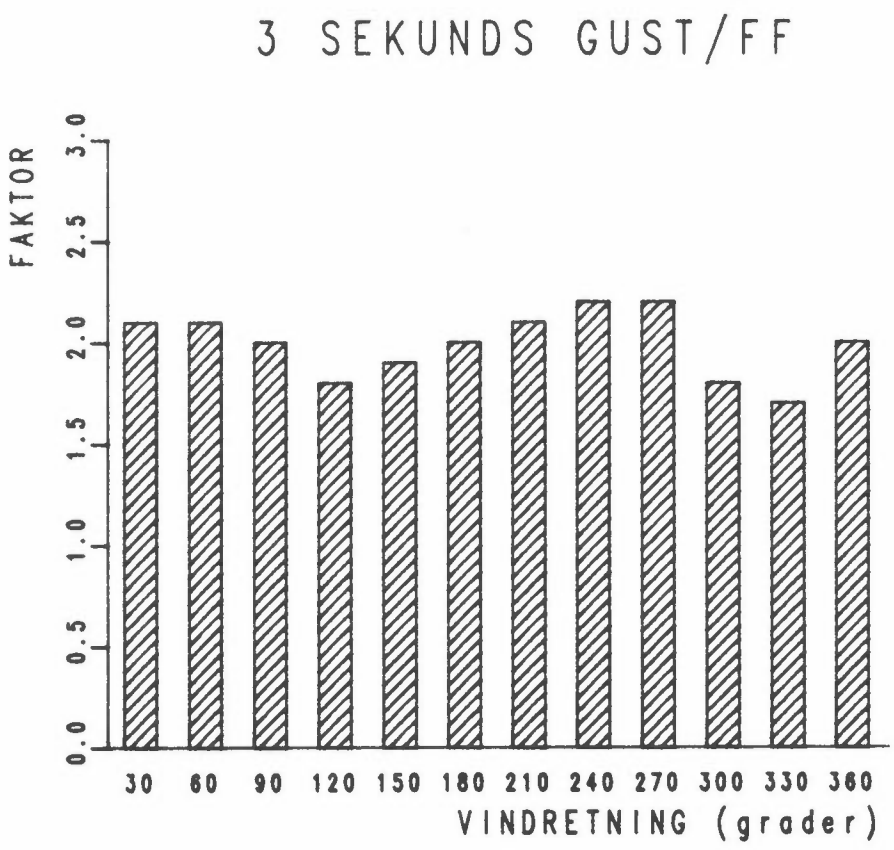


Figur 4: Kumulativ frekvensfordeling av vindstyrke og 1 sekunds gust ved Ås våren 1987. Figuren viser frekvens av vindstyrke større enn verdiene angitt på x-aksen.

4.3 VINDKAST (GUST)

Den høyeste vindstyrken midlet over 1 sekund (GUST1) og 3 sekund (GUST3), registreres hver time. Figur 4 viser den kvartalsvise fordelingen av 1 sekunds gust.

Figur 5 viser forholdet mellom 3 sekunds gust og timesmidlet vindstyrke ved forskjellige vindretninger. Forholdet varierer lite med vindretningen, og forholdet 3 sek. gust/FF ligger hele tiden nær en faktor 2. Det gjennomsnittlige forholdet er 1.9, og forholdet er størst ved vind fra vest-sørvest og vest, med faktor 2.2. For vind fra udefinert retning, det vil si vindstyrker lavere enn 0.2 m/s, stiger imidlertid dette forholdet, faktor på 4.1.



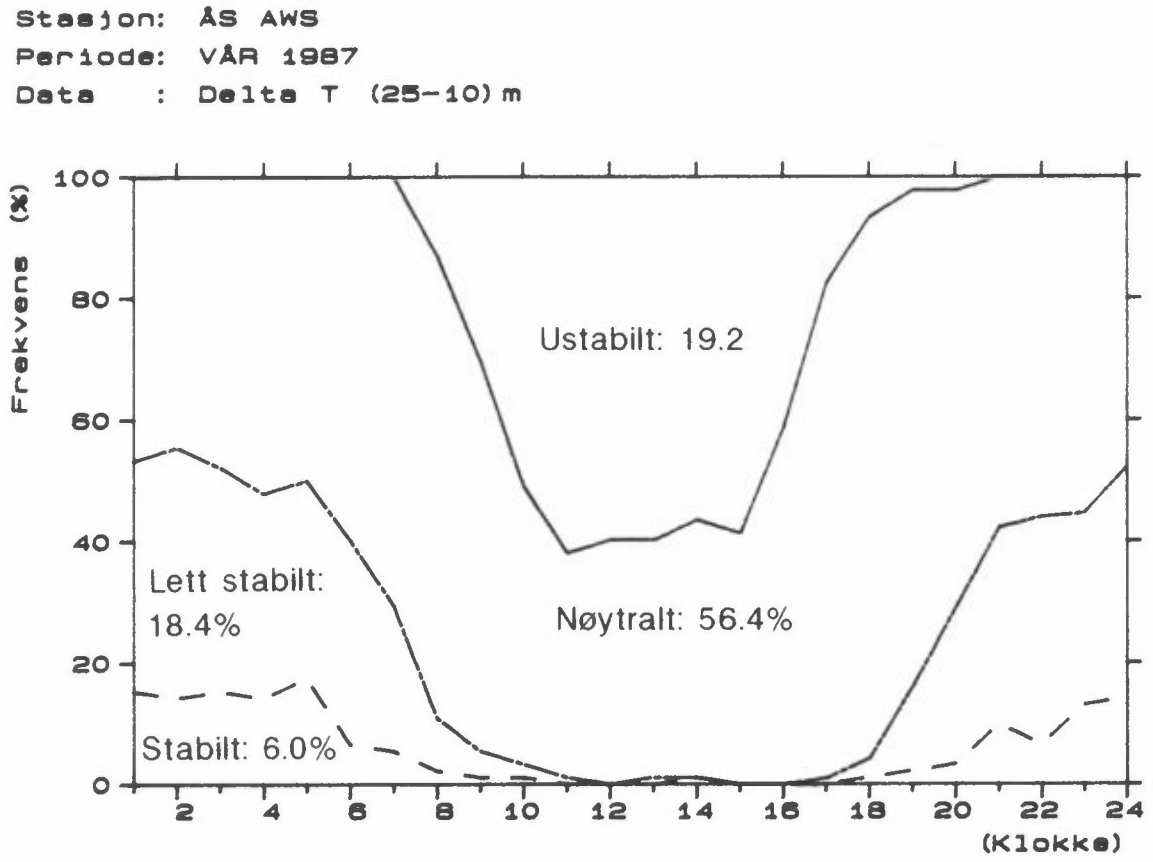
Figur 5: Forholdet mellom 3 sekunds gust og timesmidlet vindstyrke ved de ulike vindretningene, våren 1987.

Det kraftigste vindkastet ble registrert 18. mars kl 02, og var 17.0 m/s for GUST1 og 15.6 m/s for GUST3. Middelvindstyrken for denne timen var 8.6 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	:	$dT < -0.5$
Nøytralt	:	$-0.5 \leq dT < 0$
Lett stabilt:		$0 \leq dT < 0.5$
Stabilt	:	$0.5 \leq dT$



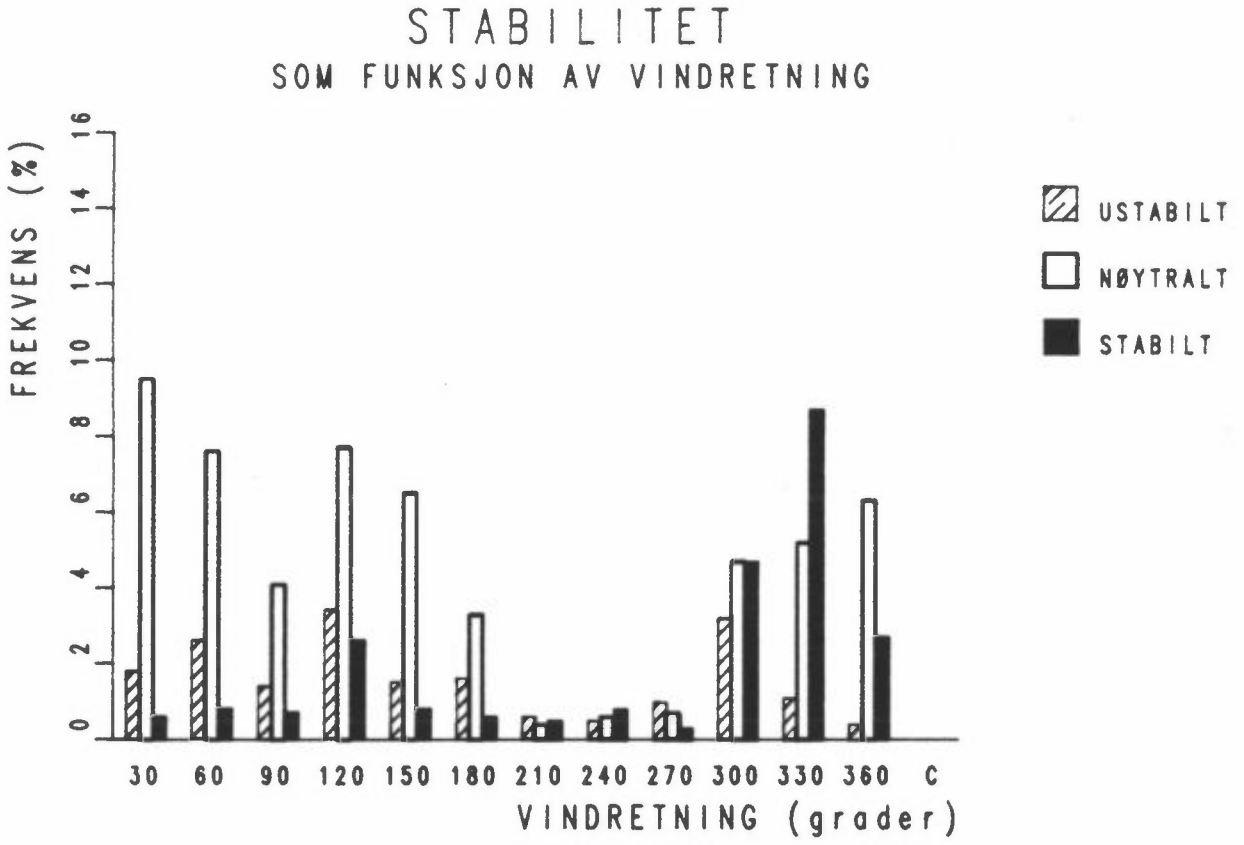
Figur 6: Døgnfordelingen av fire stabilitetsklasser basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masten på Ås 1.3.87-31.5.87.

Våren 1987 var det 6.0% stabil, 18.4% lett stabil, 56.4% nøytral og 19.2% 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.



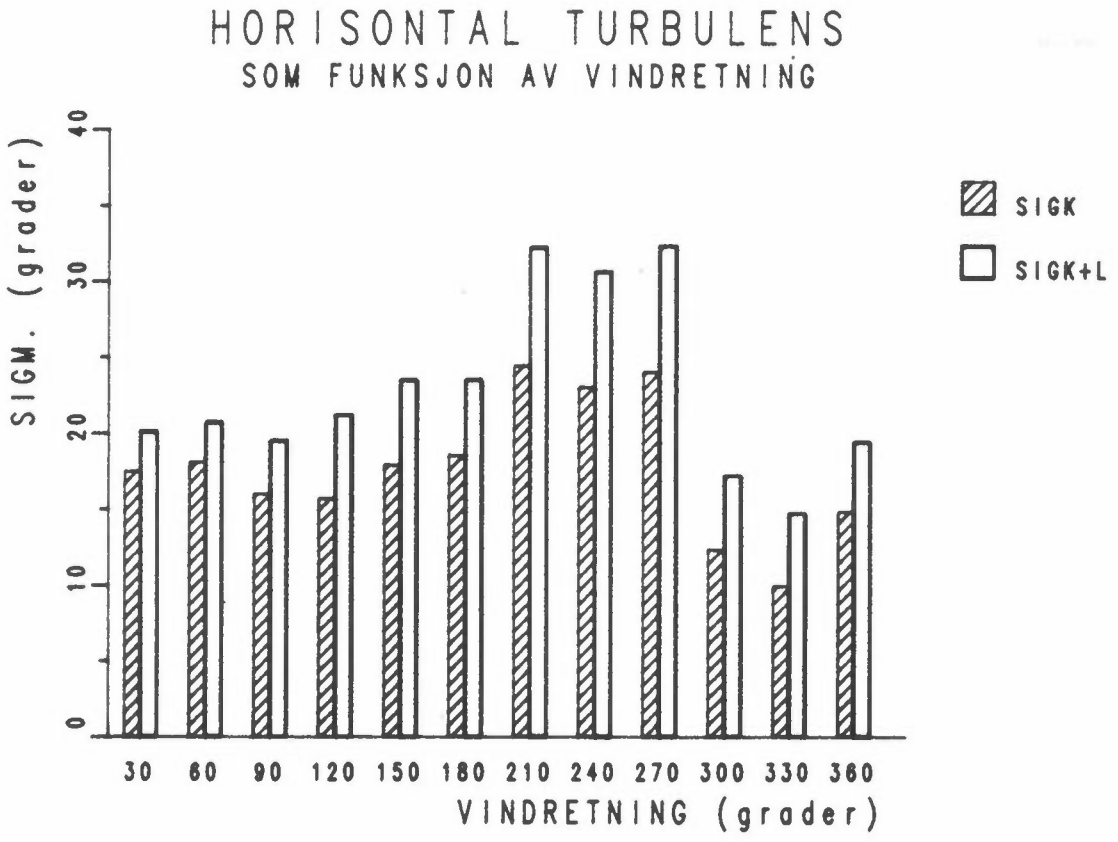
Figur 7: Frekvens av ustabil, nøytral og stabil (lett stabil + stabil) sjiktning som funksjon av vindretningen ved Ås våren 1987.

Figur 7 viser at stabile tilfeller (inversjoner) våren 1987 oftest forekom ved vind fra nord-nordvest. Tabell A4 viser at vindstyrken da oftest var lavere enn 4 m/s. Dette representerer vanligvis de stabile nattsituasjonene. De ustabile situasjonene var vanligst ved vind fra øst-sørøst og vest-nordvest.

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. Sig.K betyr σ_θ midlet over 5 minutter mens sig.K+L er et timesmiddel som i tillegg til sig.K også tar inn de langperiodiske vindretningsfluktuasjonene.



Figur 8: Midlere verdier av horisontal turbulens (σ_θ) (i grader som 5 minutters middel og timesmiddel) som funksjon av vindretningen, våren 1987.

Figur 8 viser at σ_θ er høyest ved vind fra sør-sørvest til vest.

8 TEMPERATUR

Tabell 1 viser månedsvis middeltemperatur for våren 1987 sammenlignet med tiårsnormalen for hver måned.

Tabell 1: Månedsvis middeltemperatur for våren 1987 og middel for de ti siste årene for de respektive månedene i ^{0}C.

	TEMPERATUR 2 m o.b. (^{0}C)	
Måned	1987	1977-1986
Mars	-3.5	0.3
April	4.7	4.2
Mai	8.9	10.7

Mars var 3.8^{0}C kaldere enn gjennomsnittet de ti siste årene. April var 0.5^{0}C varmere mens mai var 1.8^{0}C kaldere enn tiårsnormalen.

1987 hadde den kaldeste mars måned siden målingene ved Ås startet, og den kaldeste mai måned siden 1979.

Den høyeste temperaturen ble målt den 23.5.87 kl 12 til 23.1^{0}C. Den laveste temperaturen ble målt den 3.3.87 kl 08 til -17.7^{0}C.

Fullstendig månedsvis temperaturstatistikk for perioden 1.3.87-31.5.87 finnes i tabell A5.

9 RELATIV FUKTIGHET

Tabell 2 viser månedsvis midlere relativ fuktighet for våren 1987 sammenlignet med tiårsnormalen for hver måned.

Tabell 2: Månedsvis midlere relativ fuktighet for våren 1987 og middelverdier for de ti siste årene for de respektive månedene i prosent.

Måned	RELATIV FUKTIGHET 2 m o.b.(%)	
	1987	1977-1986
Mars	75	78
April	77	72
Mai	77	74

I alle de tre vårmånedene var det lavest fuktighet om dagen og høyest om natten. I mars varierte fuktigheten i gjennomsnitt fra 70% om dagen til 79% om natten, i april varierte den fra 71% til 83% og i mai fra 71% til 84%.

Fullstendig statistisk fordeling av den relative fuktigheten for våren 1987 finnes i tabell A6.

10 REFERANSER

Arnesen, K., Friberg, A.G., Sivertsen, B., Skaug, K. og Hoem, K. (1978- 87) 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

VEDLEGG A

Tabeller

Tabell A1: Vindfrekvenser (vindrose) fra Ås våren 1987.

Stasjon : AAS
Periode : 01.03.87 - 31.05.87

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	8.7	8.7	14.1	17.4	16.3	13.0	8.7	12.1	11.9
60	7.6	10.9	15.2	10.9	12.0	9.8	9.8	12.1	11.0
90	6.5	3.3	1.1	6.5	5.4	6.5	9.8	5.5	6.3
120	7.6	6.5	8.7	15.2	21.7	26.1	19.6	12.1	13.6
150	3.3	3.3	3.3	6.5	9.8	15.2	15.2	4.4	8.9
180	4.3	3.3	1.1	2.2	8.7	9.8	6.5	3.3	5.5
210	4.3	1.1	1.1	1.1	1.1	2.2	4.3	1.1	1.6
240	1.1	1.1	1.1	4.3	1.1	2.2	1.1	2.2	2.0
270	.0	1.1	2.2	3.3	4.3	2.2	.0	5.5	2.2
300	16.3	15.2	19.6	14.1	10.9	6.5	8.7	13.2	12.6
330	26.1	28.3	21.7	7.6	4.3	3.3	5.4	17.6	15.0
360	14.1	17.4	10.9	10.9	4.3	3.3	10.9	11.0	9.4
Stille	.0	.0	.0	.0	.0	.0	.0	.0	.1
Ant.obs	(92)	(92)	(92)	(92)	(92)	(92)	(92)	(91)	(2207)
Midlere vind m/s	2.9	2.8	2.6	2.8	3.2	3.3	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	2.2	6.7	2.4	.6	11.9	(263)	3.2
60	2.1	5.8	3.1	.1	11.0	(243)	3.2
90	1.8	3.2	1.1	.1	6.3	(138)	2.9
120	4.7	6.9	1.4	.7	13.6	(301)	2.8
150	2.6	4.1	1.4	.7	8.9	(196)	3.1
180	1.5	2.4	1.2	.4	5.5	(121)	3.2
210	.8	.6	.2	.0	1.6	(36)	2.4
240	1.1	.8	.1	.0	2.0	(44)	2.0
270	1.1	.7	.3	.0	2.2	(48)	2.3
300	4.2	6.8	1.1	.5	12.6	(277)	2.7
330	4.3	8.8	1.8	.1	15.0	(330)	2.7
360	3.2	4.6	1.4	.2	9.4	(208)	2.8
Stille					.1	(2)	
Total	29.5	51.3	15.6	3.5	100.0	(2207)	
Midlere vind m/s	1.3	2.9	4.7	7.1			2.9

*) Dette tallet angir sentrum av vindsektor

Tabell A2: Vindfrekvenser (vindrose) fra Ås vårperiodene 1982-1986.

Stasjon : AAS
Periode : 01.03.82 - 31.05.86

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	9.8	9.8	11.0	11.3	10.9	14.4	11.7	9.0	11.2
60	10.7	10.5	10.1	11.3	10.4	11.3	11.5	9.2	10.4
90	6.9	4.9	5.8	5.2	6.8	5.0	5.4	7.2	6.0
120	6.0	4.9	7.4	12.6	17.0	13.7	15.1	13.3	11.1
150	5.1	5.8	6.1	8.1	15.4	15.5	10.8	3.6	9.0
180	5.1	6.3	4.3	4.3	8.4	12.2	8.1	7.6	6.8
210	6.3	5.1	5.6	5.9	5.2	7.7	9.5	7.0	6.3
240	4.3	2.5	2.0	3.4	3.4	3.6	4.3	4.7	3.8
270	3.6	2.7	2.9	3.4	3.6	2.7	3.6	4.3	3.2
300	7.8	8.9	10.3	13.3	7.9	5.0	5.2	9.2	8.9
330	19.7	25.0	23.3	12.9	5.9	6.8	7.9	12.1	14.0
360	12.3	12.1	9.0	7.0	4.5	2.0	5.0	11.5	7.9
Stille	2.2	1.6	2.2	1.4	.7	.2	2.0	1.3	1.5
Ant.obs	(447)	(448)	(446)	(443)	(442)	(444)	(444)	(445)	(****)
Midlere vind m/s	2.7	2.8	2.6	2.8	3.4	3.5	2.9	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	2.0	5.8	3.0	.3	11.2	(1190)	3.3
60	2.3	5.2	2.7	.2	10.4	(1113)	3.2
90	1.9	2.8	1.2	.0	6.0	(635)	2.7
120	3.8	5.6	1.6	.2	11.1	(1188)	2.7
150	3.2	4.5	1.1	.2	9.0	(958)	2.7
180	1.7	3.5	1.3	.3	6.8	(723)	3.1
210	1.2	3.0	1.7	.4	6.3	(673)	3.4
240	1.3	1.4	.9	.2	3.8	(400)	2.9
270	1.0	1.3	.6	.3	3.2	(336)	3.1
300	3.0	3.9	1.4	.5	8.9	(946)	2.9
330	4.1	7.4	1.9	.7	14.0	(1496)	2.9
360	2.4	4.1	1.4	.1	7.9	(846)	2.8
Stille					1.5	(160)	
Total	28.0	48.5	18.6	3.4	100.0	(****)	
Midlere vind m/s	1.3	2.9	4.8	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 1987.

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.03.87 - 31.05.87

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	46.7	38.0	15.2
02	.0	44.6	41.3	14.1
03	.0	47.8	37.0	15.2
04	.0	52.2	33.7	14.1
05	.0	50.0	32.6	17.4
06	.0	59.8	33.7	6.5
07	.0	70.7	23.9	5.4
08	13.0	76.1	8.7	2.2
09	30.4	64.1	4.3	1.1
10	51.1	45.7	2.2	1.1
11	62.0	37.0	1.1	.0
12	59.8	40.2	.0	.0
13	59.8	39.1	1.1	.0
14	56.5	42.4	.0	1.1
15	58.7	41.3	.0	.0
16	41.3	58.7	.0	.0
17	17.4	81.5	1.1	.0
18	6.5	89.1	3.3	1.1
19	2.2	81.5	14.1	2.2
20	2.2	68.5	26.1	3.3
21	.0	57.6	32.6	9.8
22	.0	56.0	37.4	6.6
23	.0	55.4	31.5	13.0
24	.0	47.8	38.0	14.1
Total	19.2	56.4	18.4	6.0

Antall obs : 2207
Manglende obs: 1

Tabell A4: Frekvens (i %) av vind og stabilitet fordelt på fire vindstyrkeklasser og fire stabilitetsklasser basert på data fra Ås våren 1987.

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

Vindstille: U mindre eller lik .2 m/s

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.03.87 - 31.05.87
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	1.8	.4	.0	1.4	5.1	.2	.0	.4	2.0	.0	.0	.0	.6	.0	.0	11.9
60	.2	1.6	.2	.0	1.6	3.6	.6	.0	.7	2.4	.0	.0	.1	.0	.0	.0	11.0
90	.4	1.0	.4	.0	.9	2.0	.3	.0	.1	1.0	.0	.0	.0	.1	.0	.0	6.3
120	.9	2.2	1.3	.3	2.0	3.9	1.0	.0	.5	.9	.0	.0	.0	.7	.0	.0	13.6
150	.5	1.4	.3	.4	.6	3.4	.1	.0	.4	1.0	.0	.0	.0	.7	.0	.0	8.9
180	.5	.5	.4	.1	.5	1.8	.1	.0	.4	.9	.0	.0	.2	.1	.0	.0	5.5
210	.3	.2	.2	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.6
240	.4	.3	.3	.1	.0	.3	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.0
270	.5	.4	.1	.0	.3	.2	.2	.0	.2	.1	.0	.0	.0	.0	.0	.0	2.2
300	1.5	1.5	.9	.4	1.2	2.4	2.6	.5	.3	.5	.3	.0	.2	.3	.0	.0	12.6
330	.5	1.5	1.8	.5	.5	2.2	3.7	2.4	.1	1.4	.2	.1	.0	.1	.0	.0	15.0
360	.2	1.3	1.3	.3	.2	3.3	.9	.2	.0	1.5	.0	.0	.0	.2	.0	.0	9.4
Stille	.0	.0	.0	.0													.1
Total	5.8	13.7	7.6	2.5	9.5	28.2	10.2	3.4	3.3	11.6	.6	.1	.5	2.9	.0	.0	100.0
Forekomst	29.6 %				51.3 %				15.6 %				3.5 %				100.0 %
Vindstyrke	1.3 m/s				2.9 m/s				4.7 m/s				7.1 m/s				2.9 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	19.2 %	56.4 %	18.4 %	6.0 %	100.0 %

Antall obs. : 2207
Manglende obs.: 1

Tabell A5: Månedsvis temperaturstatistikk fra Ås (2 m) våren 1987. Middel-, maksimum- og minimumstemperaturer, antall observasjoner av temperatur under gitte grenser samt midlere døgnfordeling.

Stasjon : AAS
Periode : 01.03.87 - 31.05.87
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 1987	31	-3.5	11.2	30	13	-17.7	3	08	1.4	-7.0
Apr 1987	30	4.7	21.3	28	16	-3.0	13	05	9.2	.8
Mai 1987	31	8.9	23.1	23	12	.4	3	04	13.2	4.5

FOREKOMST INNEN GITTE GRENSER

	T < .0		T < 10.0		T < 20.0	
Måned	Døgn	Timer	Døgn	Timer	Døgn	Timer
Mar 1987	31	582	31	742	31	744
Apr 1987	13	109	30	606	30	717
Mai 1987	0	0	30	492	31	730

MIDLERE MÅNEDSVIS DØGNFORDELING

Måned: Mar 1987 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	-5.0	-5.9	-6.4	-3.7	.0	-.3	-3.2	-3.7	
Stand.avvik	4.7	5.2	5.6	5.1	4.5	4.1	3.8	4.1	
Nobs	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)

Måned: Apr 1987 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	2.3	1.5	2.4	6.2	8.1	7.9	5.7	3.9	
Stand.avvik	3.0	2.5	3.2	4.1	5.0	5.5	4.7	3.7	
Nobs	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(29)	(719)

Måned: Mai 1987 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	6.2	5.1	7.4	10.5	11.9	12.3	10.4	7.7	
Stand.avvik	2.8	2.6	3.0	3.7	4.2	3.8	4.0	3.3	
Nobs	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)

Tabell A6: Månedsvis relativ fuktighetsstatistikk fra Ås våren 1987. Middel-, maksimum- og minimumsverdier, antall observasjoner av relativ fuktighet under gitte grenser samt midlere døgnfordeling.

Stasjon : AAS
Periode : 01.03.87 - 31.05.87
Parameter: REL.FUKT.
Enhet : PROSENT

MIDDEL-, MAKSIMUM- OG MINIMUMVERDIER

			Maks			Min			Midlere	
Måned	Nobs	RHmidl	RH	Dag	Kl	RH	Dag	Kl	RHmaks	RHmin
Mar 1987	31	.75	.96	27	23	.33	3	15	.85	.63
Apr 1987	30	.77	.96	30	21	.44	5	16	.87	.65
Mai 1987	31	.77	.99	*31	21	.45	26	14	.89	.64

FOREKOMST INNEN GITTE GRENSER

	RH < .30		RH < .75		RH < .95	
Måned	Døgn	Timer	Døgn	Timer	Døgn	Timer
Mar 1987	0	0	23	318	31	737
Apr 1987	0	0	24	289	30	715
Mai 1987	0	0	26	331	31	709

MIDLERE MÅNEDSVIS DØGNFORDELING

Måned: Mar 1987 — Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	.79	.79	.78	.76	.70	.70	.76	.79	
Stand.avvik	.12	.11	.11	.12	.17	.18	.15	.12	
Nobs	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)

Måned: Apr 1987 — Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	.82	.83	.82	.74	.71	.73	.77	.80	
Stand.avvik	.09	.07	.07	.09	.11	.13	.14	.11	
Nobs	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(29)	(719)

Måned: Mai 1987 — Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	.84	.83	.78	.71	.71	.71	.77	.83	
Stand.avvik	.12	.10	.09	.11	.14	.13	.14	.13	
Nobs	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)

Tabell A7: a) Vindfrekvenser (vindrose) fra Ås for mars 1987.
b) Vindfrekvenser (vindrose) fra Ås for april 1987.
c) Vindfrekvenser (vindrose) fra Ås for mai 1987.

Stasjon : AAS
Periode : 01.03.87 - 31.03.87

a)

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	9.7	9.7	12.9	12.9	19.4	19.4	12.9	16.1	13.4
60	12.9	12.9	19.4	16.1	16.1	12.9	6.5	9.7	13.0
90	6.5	6.5	3.2	3.2	3.2	9.7	12.9	9.7	7.9
120	12.9	9.7	9.7	9.7	25.8	12.9	29.0	9.7	13.2
150	3.2	3.2	3.2	3.2	3.2	22.6	3.2	3.2	7.1
180	3.2	3.2	3.2	3.2	6.5	6.5	6.5	3.2	5.0
210	.0	.0	.0	.0	.0	.0	3.2	3.2	.5
240	.0	.0	.0	.0	.0	3.2	.0	.0	.1
270	.0	.0	.0	.0	6.5	3.2	.0	.0	1.1
300	6.5	16.1	19.4	9.7	19.4	6.5	.0	6.5	9.9
330	41.9	22.6	29.0	22.6	.0	.0	6.5	25.8	20.8
360	3.2	16.1	.0	19.4	.0	3.2	19.4	12.9	7.8
Stille	.0	.0	.0	.0	.0	.0	.0	.0	.0
Ant.obs	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)
Midlere vind m/s	3.1	3.0	3.0	2.6	2.5	2.9	2.7	2.9	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	3.5	8.5	1.5	.0	13.4	(100)	2.7
60	2.8	8.6	1.6	.0	13.0	(97)	2.8
90	2.6	4.2	1.1	.1	7.9	(59)	2.6
120	4.0	4.7	2.3	2.2	13.2	(98)	3.5
150	1.9	1.9	1.2	2.2	7.1	(53)	4.2
180	.7	1.9	2.0	.4	5.0	(37)	3.8
210	.3	.3	.0	.0	.5	(4)	1.8
240	.1	.0	.0	.0	.1	(1)	1.8
270	1.1	.0	.0	.0	1.1	(8)	1.1
300	3.9	5.1	.9	.0	9.9	(74)	2.5
330	5.2	14.0	1.6	.0	20.8	(155)	2.7
360	4.2	3.6	.0	.0	7.8	(58)	2.1
Stille					.0	(0)	
Total	30.2	52.7	12.2	4.8	100.0	(744)	
Midlere vind m/s	1.3	2.9	4.7	7.3			2.9

*) Dette tallet angir sentrum av vindsektor

Stasjon : AAS
Periode : 01.04.87 - 30.04.87

b)

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	13.3	16.7	16.7	13.3	20.0	10.0	10.0	13.8	13.8
60	10.0	16.7	16.7	13.3	10.0	16.7	16.7	20.7	14.3
90	3.3	.0	.0	3.3	.0	3.3	6.7	3.4	3.2
120	6.7	3.3	6.7	16.7	23.3	30.0	16.7	13.8	14.9
150	3.3	6.7	6.7	6.7	10.0	6.7	16.7	.0	8.2
180	6.7	.0	.0	3.3	13.3	10.0	3.3	3.4	4.9
210	6.7	3.3	3.3	3.3	.0	.0	3.3	.0	1.8
240	3.3	3.3	3.3	6.7	.0	3.3	3.3	3.4	4.0
270	.0	3.3	.0	6.7	3.3	3.3	.0	6.9	3.3
300	13.3	10.0	16.7	16.7	6.7	13.3	20.0	17.2	13.9
330	20.0	30.0	23.3	.0	6.7	.0	.0	13.8	10.8
360	13.3	6.7	6.7	10.0	6.7	3.3	3.3	3.4	6.5
Stille	.0	.0	.0	.0	.0	.0	.0	.0	.3
Ant.obs	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(29)	(719)
Midlere vind m/s	2.6	2.6	2.4	2.6	3.3	3.4	3.0	2.6	2.8

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

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

*) Vind-retning	Klasser I	II	III	IV	Total	Nobs	Midlere vind m/s
30	2.2	7.0	4.0	.6	13.8	(99)	3.3
60	1.8	6.1	6.1	.3	14.3	(103)	3.7
90	1.0	2.1	.1	.0	3.2	(23)	2.8
120	6.3	7.9	.7	.0	14.9	(107)	2.3
150	3.1	4.5	.7	.0	8.2	(59)	2.4
180	1.7	3.2	.0	.0	4.9	(35)	2.2
210	.8	.7	.3	.0	1.8	(13)	2.4
240	1.5	2.1	.4	.0	4.0	(29)	2.3
270	1.1	1.3	.8	.1	3.3	(24)	2.9
300	5.3	6.0	1.4	1.3	13.9	(100)	2.9
330	4.3	5.4	.8	.3	10.8	(78)	2.5
360	2.1	4.3	.1	.0	6.5	(47)	2.4
Stille					.3	(2)	
Total	31.2	50.5	15.6	2.5	100.0	(719)	
Midlere vind m/s	1.3	2.9	4.7	6.9			2.8

*) Dette tallet angir sentrum av vindsektor

Stasjon : AAS
Periode : 01.05.87 - 31.05.87

c)

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	3.2	.0	12.9	25.8	9.7	9.7	3.2	6.5	8.6
60	.0	3.2	9.7	3.2	9.7	.0	6.5	6.5	5.8
90	9.7	3.2	.0	12.9	12.9	6.5	9.7	3.2	7.5
120	3.2	6.5	9.7	19.4	16.1	35.5	12.9	12.9	12.9
150	3.2	.0	.0	9.7	16.1	16.1	25.8	9.7	11.3
180	3.2	6.5	.0	.0	6.5	12.9	9.7	3.2	6.6
210	6.5	.0	.0	.0	3.2	6.5	6.5	.0	2.6
240	.0	.0	.0	6.5	3.2	.0	.0	3.2	1.9
270	.0	.0	6.5	3.2	3.2	.0	.0	9.7	2.2
300	29.0	19.4	22.6	16.1	6.5	.0	6.5	16.1	13.8
330	16.1	32.3	12.9	.0	6.5	9.7	9.7	12.9	13.0
360	25.8	29.0	25.8	3.2	6.5	3.2	9.7	16.1	13.8
Stille	.0	.0	.0	.0	.0	.0	.0	.0	.0
Ant.obs	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)
Midlere vind m/s	2.8	2.7	2.6	3.1	3.7	3.5	2.8	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-retning	Klasser I	II	III	IV	Total	Nobs	Midlere vind m/s
30	.9	4.6	1.7	1.3	8.6	(64)	3.9
60	1.6	2.6	1.6	.0	5.8	(43)	2.9
90	1.9	3.4	2.2	.1	7.5	(56)	3.2
120	3.8	8.1	1.1	.0	12.9	(96)	2.6
150	3.0	6.0	2.3	.0	11.3	(84)	2.9
180	2.2	2.2	1.6	.7	6.6	(49)	3.4
210	1.3	.9	.3	.0	2.6	(19)	2.5
240	1.6	.3	.0	.0	1.9	(14)	1.5
270	1.1	.9	.1	.0	2.2	(16)	1.9
300	3.5	9.1	.9	.3	13.8	(103)	2.7
330	3.2	6.9	3.0	.0	13.0	(97)	2.9
360	3.2	5.8	4.2	.7	13.8	(103)	3.4
Stille					.0	(0)	
Total	27.3	50.7	19.0	3.1	100.0	(744)	
Midlere vind m/s	1.3	3.0	4.8	6.9			3.0

*) 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 1987 b) april 1987 c) mai 1987

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

a)

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.03.87 - 31.03.87

	Klasser			
Time	I	II	III	IV
01	.0	48.4	35.5	16.1
02	.0	51.6	32.3	16.1
03	.0	54.8	32.3	12.9
04	.0	58.1	25.8	16.1
05	.0	51.6	29.0	19.4
06	.0	58.1	35.5	6.5
07	.0	54.8	35.5	9.7
08	3.2	74.2	16.1	6.5
09	12.9	77.4	6.5	3.2
10	41.9	48.4	6.5	3.2
11	61.3	35.5	3.2	.0
12	71.0	29.0	.0	.0
13	77.4	22.6	.0	.0
14	67.7	32.3	.0	.0
15	71.0	29.0	.0	.0
16	38.7	61.3	.0	.0
17	19.4	80.6	.0	.0
18	.0	93.5	6.5	.0
19	.0	61.3	35.5	3.2
20	.0	64.5	35.5	.0
21	.0	54.8	35.5	9.7
22	.0	58.1	35.5	6.5
23	.0	61.3	25.8	12.9
24	.0	51.6	32.3	16.1
Total	19.4	54.7	19.4	6.6

Antall obs : 744
Manglende obs: 0

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.04.87 - 30.04.87

b)

Time	Klasser I	II	III	IV
01	.0	43.3	36.7	20.0
02	.0	43.3	40.0	16.7
03	.0	43.3	30.0	26.7
04	.0	46.7	33.3	20.0
05	.0	43.3	30.0	26.7
06	.0	46.7	40.0	13.3
07	.0	60.0	33.3	6.7
08	10.0	80.0	10.0	.0
09	30.0	63.3	6.7	.0
10	50.0	50.0	.0	.0
11	60.0	40.0	.0	.0
12	50.0	50.0	.0	.0
13	43.3	53.3	3.3	.0
14	40.0	56.7	.0	3.3
15	43.3	56.7	.0	.0
16	36.7	63.3	.0	.0
17	10.0	86.7	3.3	.0
18	3.3	90.0	3.3	3.3
19	3.3	90.0	3.3	3.3
20	.0	56.7	33.3	10.0
21	.0	43.3	40.0	16.7
22	.0	51.7	34.5	13.8
23	.0	50.0	33.3	16.7
24	.0	46.7	36.7	16.7
Total	15.9	56.5	18.8	8.9

Antall obs : 719
Manglende obs: 1

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.05.87 - 31.05.87

c)

Time	Klasser I	II	III	IV
01	.0	48.4	41.9	9.7
02	.0	38.7	51.6	9.7
03	.0	45.2	48.4	6.5
04	.0	51.6	41.9	6.5
05	.0	54.8	38.7	6.5
06	.0	74.2	25.8	.0
07	.0	96.8	3.2	.0
08	25.8	74.2	.0	.0
09	48.4	51.6	.0	.0
10	61.3	38.7	.0	.0
11	64.5	35.5	.0	.0
12	58.1	41.9	.0	.0
13	58.1	41.9	.0	.0
14	61.3	38.7	.0	.0
15	61.3	38.7	.0	.0
16	48.4	51.6	.0	.0
17	22.6	77.4	.0	.0
18	16.1	83.9	.0	.0
19	3.2	93.5	3.2	.0
20	6.5	83.9	9.7	.0
21	.0	74.2	22.6	3.2
22	.0	58.1	41.9	.0
23	.0	54.8	35.5	9.7
24	.0	45.2	45.2	9.7
Total	22.3	58.1	17.1	2.6

Antall obs : 744
Manglende obs: 0

Tabell A9: Frekvens (i %) av vind og stabilitet fra Ås:
a) mars 1987 b) april 1987 c) mai 1987

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

Vindstille: U mindre eller lik .2 m/s

a)

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.03.87 - 31.03.87
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	3.0	.3	.1	2.0	6.3	.1	.0	.0	1.5	.0	.0	.0	.0	.0	.0	13.4
60	.4	2.2	.1	.1	3.1	4.7	.8	.0	.3	1.3	.0	.0	.0	.0	.0	.0	13.0
90	.9	.8	.7	.1	.9	3.0	.3	.0	.0	.9	.1	.0	.0	.1	.0	.0	7.9
120	1.5	.7	1.9	.0	.8	2.7	1.2	.0	.4	1.9	.0	.0	.0	2.2	.0	.0	13.2
150	.4	1.2	.3	.0	.1	1.7	.0	.0	.1	1.1	.0	.0	.0	2.2	.0	.0	7.1
180	.4	.1	.1	.0	.4	1.5	.0	.0	.0	2.0	.0	.0	.0	.4	.0	.0	5.0
210	.1	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
240	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
270	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
300	2.2	1.2	.4	.1	.9	1.3	2.4	.4	.3	.7	.0	.0	.0	.0	.0	.0	9.9
330	1.1	1.9	1.9	.4	1.1	2.2	6.0	4.7	.0	1.3	.3	.0	.0	.0	.0	.0	20.8
360	.5	1.7	1.6	.3	.0	2.7	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	7.8
Stille	.0	.0	.0	.0													.0
Total	8.9	12.8	7.4	1.2	9.4	26.3	11.6	5.4	1.1	10.8	.4	.0	.0	4.8	.0	.0	100.0
Forekomst	30.2 %				52.7 %				12.2 %				4.8 %				100.0 %
Vindstyrke	1.3 m/s				2.9 m/s				4.7 m/s				7.3 m/s				2.9 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	19.4 %	54.7 %	19.4 %	6.6 %	100.0 %

Antall obs. : 744
Manglende obs.: 0

b)

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.04.87 - 30.04.87
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	1.7	.6	.0	1.0	5.7	.3	.0	1.1	2.9	.0	.0	.0	.6	.0	.0	13.8
60	.1	1.5	.1	.0	.3	5.0	.8	.0	1.4	4.6	.1	.0	.3	.0	.0	.0	14.3
90	.3	.7	.0	.0	.1	1.7	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.2
120	.7	3.3	1.4	.8	2.2	4.9	.7	.1	.1	.6	.0	.0	.0	.0	.0	.0	14.9
150	.4	1.0	.4	1.3	.0	4.3	.1	.0	.3	.4	.0	.0	.0	.0	.0	.0	8.2
180	.6	.3	.4	.4	.6	2.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
210	.1	.1	.4	.1	.0	.0	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	1.8
240	.6	.3	.3	.4	.1	.6	1.3	.1	.4	.0	.0	.0	.0	.0	.0	.0	4.0
270	.3	.7	.1	.0	.8	.1	.3	.0	.6	.3	.0	.0	.1	.0	.0	.0	3.3
300	1.4	2.1	.8	1.0	.6	1.9	2.8	.7	.1	.6	.7	.0	.4	.7	.1	.0	13.9
330	.1	1.8	1.5	.8	.0	1.4	2.2	1.8	.1	.1	.3	.3	.0	.3	.0	.0	10.8
360	.1	.8	.7	.4	.1	2.9	1.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	6.5
Stille	.0	.0	.1	.1													.3
Total	4.7	14.3	7.0	5.4	5.8	30.9	10.6	3.2	4.5	9.7	1.1	.3	.8	1.5	.1	.0	100.0
Forekomst	31.4 I				50.5 I				15.6 I				2.5 I				100.0 I
Vindstyrke	1.3 m/s				2.9 m/s				4.7 m/s				6.9 m/s				2.8 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	15.9 I	56.5 I	18.8 I	8.9 I	100.0 I

Antall obs. : 719
Manglende obs.: 1

c)

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.05.87 - 31.05.87
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	.7	.3	.0	1.1	3.2	.3	.0	.0	1.7	.0	.0	.0	1.3	.0	.0	8.6
60	.0	1.2	.4	.0	1.3	1.1	.1	.0	.4	1.2	.0	.0	.0	.0	.0	.0	5.8
90	.0	1.5	.4	.0	1.5	1.5	.4	.0	.1	2.0	.0	.0	.0	.1	.0	.0	7.5
120	.5	2.6	.7	.0	3.0	4.2	.9	.0	.8	.3	.0	.0	.0	.0	.0	.0	12.9
150	.8	1.9	.3	.0	1.6	4.2	.3	.0	.8	1.5	.0	.0	.0	.0	.0	.0	11.3
180	.4	1.2	.5	.0	.7	1.5	.0	.0	1.1	.5	.0	.0	.7	.0	.0	.0	6.6
210	.5	.5	.1	.1	.7	.3	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.6
240	.4	.7	.5	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
270	.1	.5	.3	.1	.1	.4	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.2
300	.8	1.2	1.3	.1	2.2	3.9	2.6	.5	.5	.3	.1	.0	.1	.1	.0	.0	13.8
330	.3	.7	1.9	.4	.5	3.0	2.7	.7	.3	2.6	.1	.0	.0	.0	.0	.0	13.0
360	.0	1.3	1.6	.3	.5	4.2	.8	.3	.0	4.2	.0	.0	.0	.7	.0	.0	13.8
Stille	.0	.0	.0	.0													.0
Total	3.9	14.0	8.3	1.1	13.2	27.6	8.5	1.5	4.4	14.2	.3	.0	.8	2.3	.0	.0	100.0
Forekomst	27.3 I				50.7 I				19.0 I				3.1 I				100.0 I
Vindstyrke	1.3 m/s				3.0 m/s				4.8 m/s				6.9 m/s				3.0 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	22.3 I	58.1 I	17.1 I	2.6 I	100.0 I

Antall obs. : 744
Manglende obs.: 0

Tabell A10: Horisontal turbulens som funksjon av vindretning, fire vindstyrkeklasser og fire stabilitetsklasser for Ås våren 1987.
a) sigma kort b) sigma kort + lang

a)

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

SIGK : AAS
Periode : 01.03.87 - 31.05.87
Enhet : GRADER

Vind-retning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				Rose
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
30	44.0	21.1	15.3	7.6	21.5	16.1	13.0	-	18.7	15.9	-	-	-	17.0	-	-	17.5
60	23.5	20.8	22.7	37.0	22.1	17.0	9.9	-	18.8	15.8	11.6	-	17.4	-	-	-	18.1
90	22.0	16.8	17.6	.0	21.4	13.5	10.4	8.9	22.6	14.9	11.4	-	-	13.5	-	-	16.0
120	33.2	22.5	17.5	14.7	15.8	11.6	5.6	20.9	13.2	11.3	-	-	-	11.6	-	-	15.7
150	44.4	22.8	23.9	17.3	22.7	13.4	7.1	-	14.3	13.9	-	-	-	13.8	-	-	17.9
180	45.2	23.9	18.0	18.0	22.0	13.9	12.4	-	15.2	12.8	-	-	12.2	13.9	-	-	18.5
210	37.6	23.5	38.0	28.5	20.7	14.6	12.8	15.6	14.4	13.0	-	-	-	-	-	-	24.4
240	34.4	25.0	14.3	33.4	17.5	17.1	21.6	9.7	17.2	-	-	-	-	-	-	-	23.0
270	30.0	39.8	18.3	24.2	16.5	21.9	10.7	-	18.2	13.2	-	-	13.6	-	-	-	24.0
300	22.6	15.4	13.8	10.2	14.9	10.5	7.8	4.3	12.4	11.0	6.2	-	13.9	12.0	11.6	-	12.3
330	19.0	16.0	15.8	10.6	15.0	9.3	5.7	5.0	14.6	11.5	5.7	5.4	-	13.2	-	-	9.9
360	25.4	20.0	15.1	8.3	35.2	13.7	7.9	11.3	-	13.5	-	-	-	14.6	-	-	14.8
Stille	.0	.0	31.5	50.7													41.1
Middel	30.0	20.7	17.2	15.2	19.4	13.7	7.9	5.9	16.1	14.0	6.8	5.4	13.7	13.8	11.6	-	15.7

Konsentr.	21.2	13.1	14.1	13.8

Middelverdi for ulike stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV
Konsentr.	21.9	15.4	11.7	9.8

Antall obs. : 2207
Manglende obs.: 1

b)

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

SIGKL : AAS
Periode : 01.03.87 - 31.05.87
Enhet : GRADER

Vind-retning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				Rose
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
30	46.9	27.3	24.6	25.8	23.7	17.7	16.1	-	20.2	16.8	-	-	-	17.7	-	-	20.1
60	38.7	27.1	34.2	39.5	24.7	18.2	12.2	-	21.0	16.4	12.4	-	17.8	-	-	-	20.7
90	25.8	22.9	29.2	5.8	24.6	15.2	15.8	25.1	27.4	15.9	11.7	-	-	14.2	-	-	19.5
120	48.0	32.5	28.0	27.1	20.3	14.0	7.9	23.8	15.0	12.0	-	-	-	12.1	-	-	21.2
150	70.6	32.8	30.5	24.8	27.8	16.2	14.1	-	16.4	15.9	-	-	-	14.4	-	-	23.5
180	66.2	31.6	23.8	29.5	27.8	16.5	16.2	-	17.8	13.8	-	-	12.9	14.5	-	-	23.5
210	54.2	30.1	48.8	35.8	26.8	21.7	16.3	19.8	15.3	13.3	-	-	-	-	-	-	32.2
240	45.5	34.0	23.5	46.4	23.1	19.1	28.4	15.5	18.4	-	-	-	-	-	-	-	30.6
270	36.5	55.5	38.0	50.6	18.8	28.1	14.1	-	25.4	13.9	-	-	14.9	-	-	-	32.3
300	27.8	22.3	24.5	18.6	20.0	14.4	11.7	9.5	13.9	11.9	8.3	-	15.2	12.4	12.3	-	17.2
330	22.7	25.7	28.1	18.8	18.2	11.9	8.6	9.0	18.0	12.4	8.1	6.7	-	13.5	-	-	14.7
360	30.2	27.5	27.2	18.2	38.5	16.1	10.8	17.7	-	14.1	-	-	-	15.3	-	-	19.4
Stille	.0	.0	54.5	81.0													67.8
Middel	41.0	28.9	28.3	25.1	23.2	16.0	11.2	10.3	18.5	14.9	8.8	6.7	14.6	14.4	12.3	-	20.2

Konsentr.	30.8	16.0	15.4	14.4

Middelverdi for ulike stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV
Konsentr.	27.5	18.8	18.2	16.6

Antall obs. : 2207
Manglende obs.: 1

VEDLEGG B

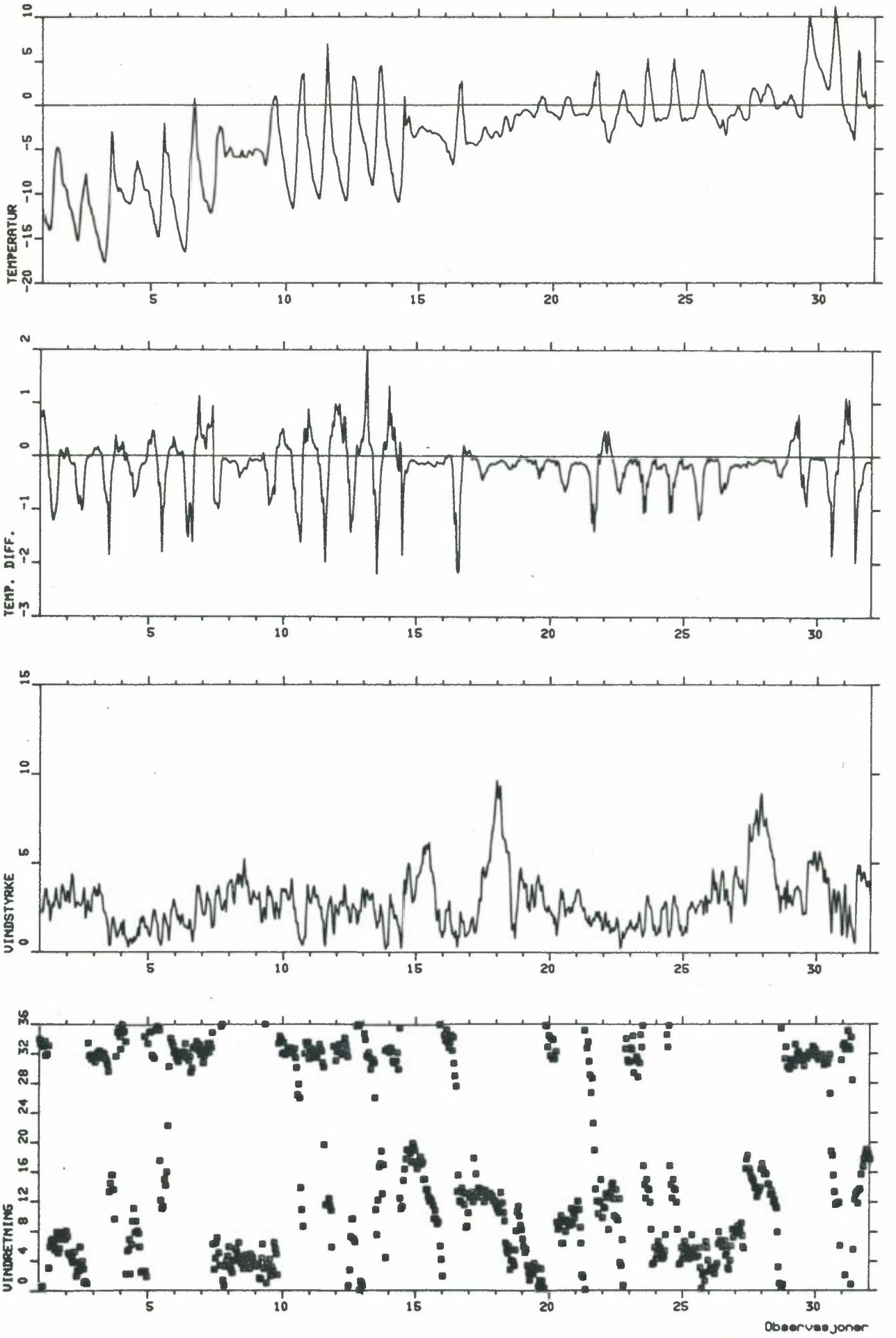
Grafisk fremstilling av tidsforløpet av:

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

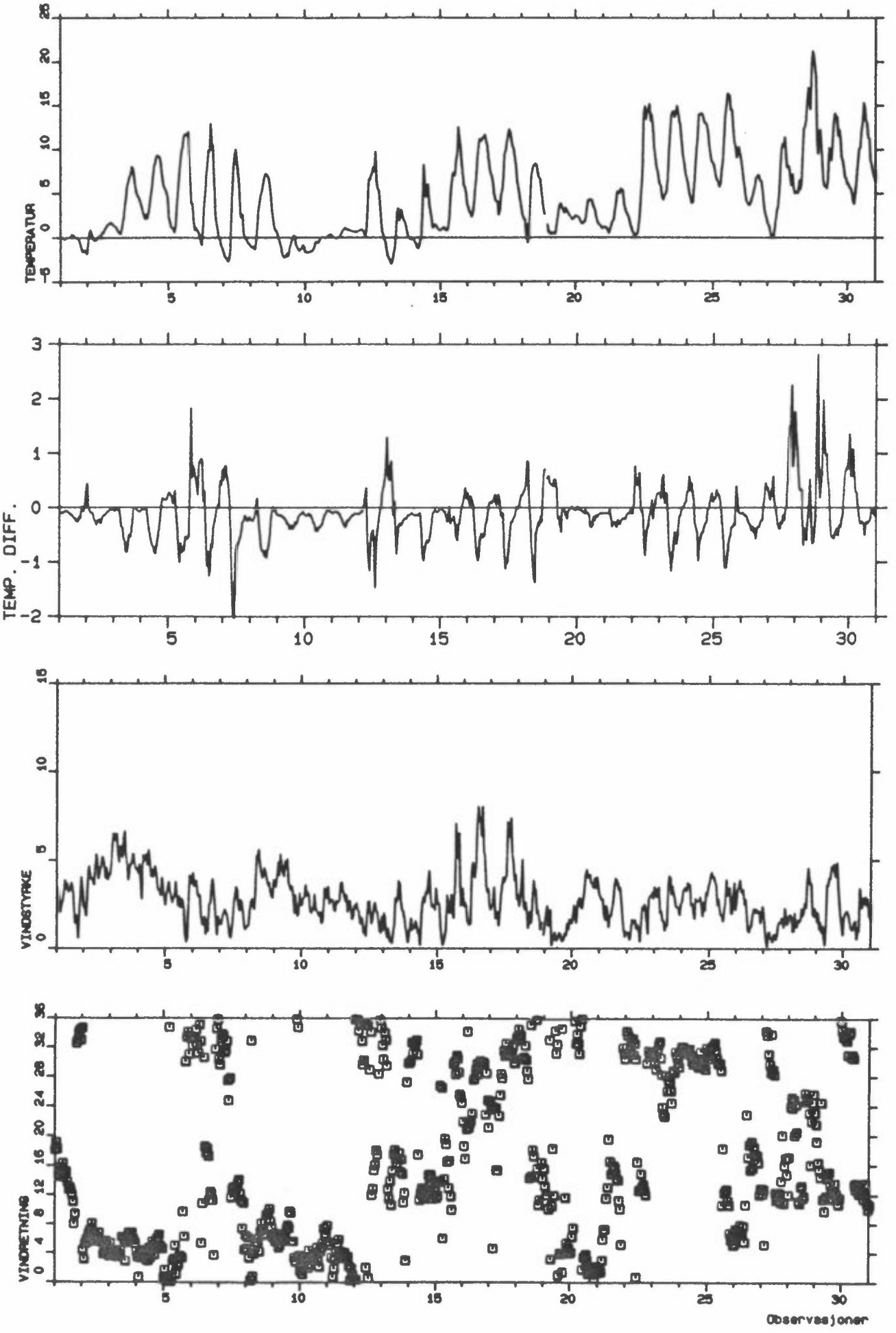
for månedene mars, april og mai 1987 ved Ås.

VEDLEGG B

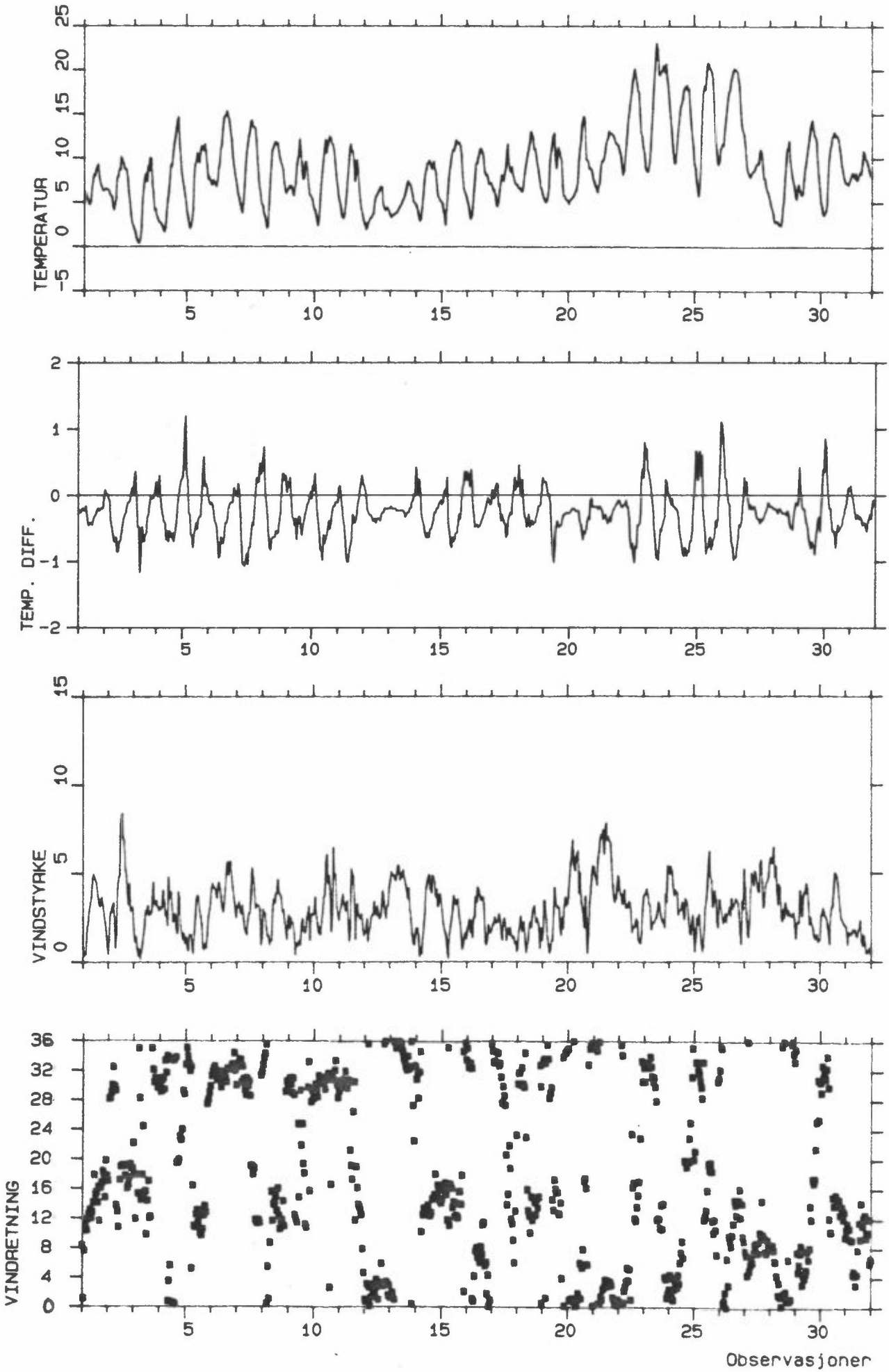
Stasjon: AS
Måned : MAR. 1987



Stasjon: ÅS
Måned : APR. 1987



Stasjon: ÅS
Måned : MAI 1987



VEDLEGG C

Liste over timesmidlede meteorologiske data
fra Ås.

Våren 1987 (1.3.87-31.5.87).

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
1	3	87	1	340.	2.3	4.6	4.2	5.4	9.7	-10.4	-11.6	.71	.64
1	3	87	2	335.	2.4	3.8	3.6	4.9	10.2	-10.8	-12.2	.83	.65
1	3	87	3	332.	2.3	4.2	4.0	8.6	14.7	-11.5	-12.6	.74	.66
1	3	87	4	7.	2.5	4.2	3.8	7.6	15.3	-12.0	-13.2	.86	.67
1	3	87	5	330.	3.1	5.2	5.0	11.2	33.7	-12.3	-13.4	.71	.70
1	3	87	6	337.	3.6	5.6	5.4	6.1	11.3	-12.6	-13.7	.52	.70
1	3	87	7	318.	3.6	5.2	5.0	5.1	7.7	-13.1	-14.1	.37	.68
1	3	87	8	319.	2.7	4.8	4.6	7.0	10.4	-13.3	-13.8	-.01	.68
1	3	87	9	332.	2.9	4.6	4.4	7.8	14.9	-12.6	-12.6	-.41	.69
1	3	87	10	31.	1.8	5.0	4.2	19.3	30.5	-10.1	-9.9	-.44	.65
1	3	87	11	60.	2.3	5.0	4.8	19.7	24.3	-7.3	-7.2	-.91	.56
1	3	87	12	69.	2.8	5.6	5.2	18.1	20.2	-5.9	-5.8	-1.12	.50
1	3	87	13	70.	2.6	5.2	4.8	23.2	24.0	-5.1	-4.9	-1.22	.46
1	3	87	14	66.	2.9	5.0	4.6	19.0	21.2	-4.8	-4.7	-1.12	.42
1	3	87	15	56.	3.7	6.8	6.2	14.7	15.1	-5.1	-5.0	-1.03	.42
1	3	87	16	70.	3.1	6.2	5.6	15.3	16.0	-5.3	-5.4	-.88	.41
1	3	87	17	80.	2.8	5.8	5.4	11.9	13.0	-6.2	-6.7	-.53	.42
1	3	87	18	52.	2.5	4.4	4.2	9.7	12.4	-7.3	-8.3	-.01	.45
1	3	87	19	58.	2.5	5.0	4.6	11.2	11.8	-7.9	-9.0	.12	.48
1	3	87	20	70.	3.7	6.2	5.8	9.8	10.0	-8.2	-9.0	.09	.50
1	3	87	21	80.	3.8	7.4	6.8	10.6	11.0	-8.5	-9.3	.06	.55
1	3	87	22	80.	3.5	6.2	6.0	10.2	10.4	-8.9	-9.6	-.07	.59
1	3	87	23	70.	2.9	4.6	4.2	7.6	8.2	-9.8	-10.6	-.01	.63
1	3	87	24	70.	2.9	4.6	4.4	6.4	6.9	-10.4	-11.4	.15	.65
2	3	87	1	82.	3.5	5.6	5.2	6.9	8.0	-10.7	-11.6	.15	.65
2	3	87	2	75.	3.3	6.0	5.6	8.8	8.9	-11.0	-11.9	.06	.64
2	3	87	3	52.	2.8	5.2	5.0	12.1	14.2	-11.6	-12.4	-.07	.64
2	3	87	4	51.	3.6	7.2	6.4	14.0	14.1	-12.3	-12.9	-.13	.65
2	3	87	5	49.	4.4	8.2	7.8	13.2	13.3	-13.1	-13.6	-.16	.64
2	3	87	6	44.	4.2	7.6	7.0	15.5	15.8	-13.9	-14.4	-.16	.63
2	3	87	7	39.	3.3	7.0	6.8	18.1	18.2	-14.6	-15.1	-.13	.63
2	3	87	8	53.	2.5	6.0	5.4	21.1	21.6	-14.9	-15.2	-.22	.62
2	3	87	9	39.	2.7	6.0	5.6	16.6	18.1	-14.1	-14.2	-.57	.60
2	3	87	10	21.	2.9	5.8	5.2	17.6	18.1	-12.7	-12.5	-.72	.58
2	3	87	11	28.	2.8	5.8	5.4	19.2	19.7	-11.4	-11.1	-.91	.54
2	3	87	12	28.	2.7	5.4	5.0	19.1	19.8	-10.5	-10.1	-.75	.50
2	3	87	13	60.	2.6	5.4	5.0	25.0	29.2	-9.5	-9.2	-.88	.47
2	3	87	14	35.	2.8	6.0	5.8	20.3	21.8	-8.7	-8.5	-1.03	.43
2	3	87	15	41.	3.3	7.4	7.2	23.4	25.5	-8.1	-7.7	-.88	.41
2	3	87	16	31.	3.7	7.0	6.4	15.2	15.7	-9.2	-9.4	-.47	.41
2	3	87	17	11.	1.9	5.4	5.0	18.5	20.1	-10.0	-10.5	-.19	.42
2	3	87	18	13.	2.4	6.6	6.4	15.7	16.9	-10.4	-11.3	-.07	.42
2	3	87	19	10.	3.0	6.0	5.6	13.7	14.2	-10.8	-11.6	-.04	.42
2	3	87	20	335.	2.4	5.0	4.8	9.4	14.9	-11.2	-12.2	-.01	.40
2	3	87	21	318.	2.3	4.2	3.8	8.1	16.6	-11.3	-12.5	.02	.40
2	3	87	22	319.	2.3	3.6	3.2	5.6	7.0	-12.0	-13.0	-.01	.50
2	3	87	23	314.	3.3	4.4	4.2	4.2	5.4	-12.8	-13.7	-.01	.59
2	3	87	24	315.	3.4	4.2	4.0	3.7	5.3	-13.3	-14.3	.06	.60
3	3	87	1	318.	3.7	4.8	4.6	4.4	6.6	-13.4	-14.5	.15	.54
3	3	87	2	309.	3.2	4.4	4.0	4.7	6.4	-14.2	-15.2	.12	.57
3	3	87	3	319.	3.5	4.8	4.6	5.4	6.0	-14.8	-15.9	.12	.56
3	3	87	4	322.	3.2	4.4	4.2	5.4	6.0	-15.3	-16.4	.18	.56
3	3	87	5	319.	3.9	5.4	5.4	4.4	5.3	-15.6	-16.6	.12	.54
3	3	87	6	325.	3.4	4.8	4.6	5.3	5.8	-16.4	-17.3	.06	.56
3	3	87	7	315.	3.3	4.4	4.2	5.3	6.7	-16.6	-17.6	.06	.54
3	3	87	8	315.	3.2	4.4	4.2	5.8	6.3	-17.0	-17.7	-.07	.57
3	3	87	9	322.	2.3	4.0	3.8	8.2	9.6	-16.1	-16.2	-.41	.57
3	3	87	10	321.	2.3	4.0	3.6	7.7	8.3	-14.9	-14.6	-.66	.55
3	3	87	11	315.	2.1	3.6	3.4	7.8	8.7	-12.9	-12.5	-.72	.52
3	3	87	12	312.	1.8	3.8	3.6	8.8	9.2	-10.4	-9.8	-.88	.45
3	3	87	13	307.	1.5	2.8	2.8	16.6	25.6	-8.1	-7.3	-.91	.42
3	3	87	14	297.	.4	1.6	1.4	35.0	40.1	-3.2	-3.0	-1.87	.36
3	3	87	15	134.	.5	2.2	2.0	51.1	98.6	-4.1	-3.8	-.75	.33
3	3	87	16	145.	1.4	2.8	2.4	12.8	14.4	-6.8	-7.1	-.32	.36
3	3	87	17	156.	2.0	3.4	3.2	11.1	14.4	-7.6	-8.0	-.19	.44
3	3	87	18	156.	2.0	3.4	3.2	11.2	12.2	-8.2	-8.9	-.07	.48
3	3	87	19	136.	1.6	3.2	3.0	12.0	15.7	-8.4	-9.3	.09	.50
3	3	87	20	97.	1.2	1.8	1.8	5.3	10.9	-8.4	-9.8	.40	.53
3	3	87	21	316.	.9	2.0	1.8	20.6	61.6	-8.1	-9.4	.21	.58
3	3	87	22	350.	1.0	2.2	2.0	6.9	10.0	-8.6	-9.5	.06	.60
3	3	87	23	356.	1.3	3.0	2.8	6.0	13.7	-9.1	-9.8	.09	.57
3	3	87	24	344.	1.4	3.0	2.8	5.3	16.6	-9.1	-10.0	.18	.56

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	3	87	1	326.	1.7	3.0	2.8	4.7	7.7	-9.6	-10.5	.12	.58
4	3	87	2	0.	1.0	2.8	2.6	20.6	35.6	-10.0	-10.7	.27	.60
4	3	87	3	350.	1.9	4.0	4.0	8.6	19.5	-10.5	-10.9	.18	.64
4	3	87	4	351.	1.0	2.8	2.6	10.0	13.5	-10.6	-10.9	-.10	.64
4	3	87	5	337.	.8	2.0	2.0	16.0	26.2	-10.8	-11.1	.06	.70
4	3	87	6	22.	.6	1.6	1.4	21.0	37.5	-10.9	-11.2	-.07	.77
4	3	87	7	55.	.3	1.2	1.2	19.5	27.3	-10.7	-11.0	-.13	.77
4	3	87	8	56.	.7	1.8	1.6	17.9	21.1	-10.5	-10.8	-.19	.76
4	3	87	9	70.	.8	2.6	2.4	23.1	24.5	-10.0	-10.1	-.35	.74
4	3	87	10	22.	.8	2.4	2.2	22.0	24.4	-9.3	-9.5	-.38	.73
4	3	87	11	63.	.5	1.4	1.4	38.8	41.2	-7.9	-7.6	-.32	.71
4	3	87	12	94.	.9	2.4	2.4	29.4	31.2	-7.3	-7.3	-.78	.72
4	3	87	13	111.	.7	2.2	1.8	40.9	45.2	-6.6	-6.3	-.72	.71
4	3	87	14	80.	.8	2.0	1.8	20.5	22.2	-6.8	-6.9	-.66	.75
4	3	87	15	94.	1.0	2.2	2.0	16.5	17.6	-7.0	-7.3	-.63	.76
4	3	87	16	82.	1.4	3.2	3.0	14.0	16.5	-7.5	-7.8	-.50	.77
4	3	87	17	79.	.9	2.2	2.0	16.9	17.7	-7.8	-8.1	-.32	.79
4	3	87	18	60.	2.0	4.4	4.2	12.6	13.9	-8.6	-9.0	-.22	.79
4	3	87	19	25.	1.7	3.8	3.6	14.1	19.5	-9.3	-9.6	-.16	.77
4	3	87	20	27.	2.1	4.0	3.6	12.5	14.8	-9.3	-9.7	-.13	.77
4	3	87	21	25.	1.9	4.0	3.8	13.1	13.5	-9.3	-9.6	-.16	.78
4	3	87	22	344.	1.4	3.0	2.8	14.7	22.4	-9.3	-9.7	-.13	.77
4	3	87	23	27.	1.5	3.8	3.6	13.0	21.1	-9.2	-9.7	-.10	.73
4	3	87	24	20.	1.4	3.0	2.8	11.1	12.5	-9.4	-10.4	.02	.71
5	3	87	1	335.	1.1	2.2	2.2	17.9	25.7	-10.1	-11.5	.27	.72
5	3	87	2	350.	.9	2.2	2.0	29.6	36.1	-10.4	-11.7	.30	.71
5	3	87	3	350.	1.2	2.4	2.0	4.7	10.8	-10.6	-12.2	.21	.71
5	3	87	4	351.	1.7	3.2	3.0	3.1	5.4	-11.5	-13.4	.40	.71
5	3	87	5	318.	2.1	3.8	3.8	5.1	12.6	-12.1	-13.5	.49	.71
5	3	87	6	316.	2.5	4.0	3.8	5.1	8.9	-13.0	-14.3	.46	.71
5	3	87	7	314.	2.4	3.8	3.6	6.1	7.7	-13.8	-14.9	.21	.71
5	3	87	8	353.	1.9	3.4	3.0	6.3	15.1	-14.2	-14.9	.09	.71
5	3	87	9	359.	1.6	3.4	3.2	10.8	19.2	-13.4	-13.5	-.16	.73
5	3	87	10	357.	.7	2.0	2.0	22.4	28.1	-10.6	-11.0	-.57	.73
5	3	87	11	353.	.6	2.0	1.8	30.8	33.4	-7.8	-8.6	-.50	.68
5	3	87	12	176.	.4	2.0	1.8	68.4	112.0	-5.2	-4.9	-.81	.62
5	3	87	13	122.	.7	2.6	2.4	37.3	39.4	-2.7	-2.0	-1.81	.59
5	3	87	14	111.	1.8	3.6	3.4	11.1	14.1	-5.3	-5.2	-1.00	.63
5	3	87	15	114.	2.2	3.8	3.6	11.0	11.9	-5.4	-5.5	-.94	.67
5	3	87	16	150.	1.9	3.6	3.4	12.5	19.9	-5.7	-5.5	-.35	.67
5	3	87	17	142.	1.6	2.8	2.6	10.4	13.0	-6.5	-6.5	-.22	.68
5	3	87	18	160.	1.5	2.2	2.0	5.4	8.9	-7.6	-8.6	-.04	.73
5	3	87	19	222.	.7	1.4	1.2	9.6	22.8	-8.1	-10.3	.09	.77
5	3	87	20	302.	1.3	3.2	3.0	10.2	20.3	-8.5	-10.6	.15	.78
5	3	87	21	342.	2.4	3.0	2.8	3.1	15.5	-9.7	-11.0	.18	.79
5	3	87	22	336.	2.5	4.8	4.4	5.3	7.2	-10.3	-11.8	.15	.75
5	3	87	23	332.	3.0	4.2	4.0	3.7	6.6	-11.7	-12.8	.37	.74
5	3	87	24	322.	2.8	4.2	3.8	5.1	9.2	-12.3	-13.4	.27	.73
6	3	87	1	325.	2.5	3.4	3.2	5.1	8.7	-12.9	-14.0	.15	.72
6	3	87	2	316.	2.1	3.6	3.4	7.0	10.7	-13.2	-14.5	.09	.71
6	3	87	3	312.	1.8	2.8	2.6	6.6	6.7	-14.1	-15.1	.02	.70
6	3	87	4	309.	2.1	3.0	2.8	7.0	9.8	-14.6	-15.5	-.01	.69
6	3	87	5	322.	1.6	2.6	2.6	6.6	8.4	-15.0	-16.2	.06	.68
6	3	87	6	319.	2.0	2.8	2.6	6.0	8.0	-15.4	-16.4	.02	.67
6	3	87	7	318.	2.2	3.2	3.0	5.6	7.6	-15.7	-16.6	.09	.67
6	3	87	8	323.	1.6	2.8	2.6	7.3	8.4	-15.6	-16.0	-.07	.68
6	3	87	9	322.	1.4	2.6	2.4	8.2	9.3	-14.2	-14.1	-.44	.71
6	3	87	10	335.	1.5	2.4	2.4	8.1	10.8	-12.5	-12.4	-.88	.73
6	3	87	11	315.	1.4	3.0	2.8	12.1	15.5	-9.6	-9.2	-1.40	.75
6	3	87	12	322.	1.3	3.2	2.8	12.3	14.0	-6.7	-5.7	-1.53	.71
6	3	87	13	311.	1.9	3.2	3.0	9.4	10.8	-5.4	-4.5	-.91	.60
6	3	87	14	316.	1.8	3.0	2.8	11.0	11.4	-3.5	-2.4	-.88	.58
6	3	87	15	295.	1.1	3.4	3.2	42.1	43.1	-.9	-.2	-1.19	.56
6	3	87	16	301.	.6	1.6	1.4	15.5	20.5	.1	.8	-1.62	.56
6	3	87	17	329.	1.2	2.2	2.0	6.4	11.7	-2.1	-1.8	-.63	.58
6	3	87	18	330.	1.3	2.6	2.4	10.4	30.1	-3.6	-5.1	.09	.68
6	3	87	19	328.	2.6	3.8	3.6	4.2	9.7	-4.6	-6.1	.37	.69
6	3	87	20	337.	3.8	5.4	5.2	4.7	6.9	-5.1	-6.3	.30	.69
6	3	87	21	333.	3.4	5.0	4.8	4.2	5.6	-6.8	-8.0	.86	.78
6	3	87	22	325.	3.8	4.8	4.6	3.1	7.6	-7.9	-9.0	1.14	.79
6	3	87	23	333.	3.1	4.6	4.6	4.9	9.4	-8.4	-9.5	.58	.77
6	3	87	24	319.	2.9	4.8	4.4	5.3	7.0	-9.2	-10.4	.40	.77

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	3	87	1	322.	2.2	3.8	3.6	8.7	10.2	-9.8	-10.8	.33	.77
7	3	87	2	308.	2.1	3.6	3.4	7.4	10.8	-9.9	-10.8	.40	.77
7	3	87	3	318.	2.1	3.6	3.4	8.6	9.8	-10.3	-11.1	.21	.76
7	3	87	4	328.	2.7	4.2	3.8	7.3	9.7	-11.0	-11.5	.12	.76
7	3	87	5	328.	3.4	5.6	5.2	5.6	7.0	-11.2	-12.0	.52	.74
7	3	87	6	335.	3.0	4.8	4.4	6.9	8.1	-11.6	-12.2	.61	.75
7	3	87	7	322.	3.0	4.2	4.0	5.6	8.4	-11.4	-11.9	.52	.74
7	3	87	8	335.	2.6	4.2	4.0	6.4	10.4	-10.8	-11.2	.55	.74
7	3	87	9	329.	1.4	2.6	2.4	9.9	11.8	-9.8	-10.1	.58	.69
7	3	87	10	349.	1.4	3.2	3.0	8.9	10.7	-8.2	-8.6	.96	.67
7	3	87	11	63.	1.6	5.0	4.8	29.0	37.6	-4.8	-4.5	-.78	.61
7	3	87	12	30.	3.0	5.8	5.6	19.2	25.5	-3.7	-3.3	-.91	.60
7	3	87	13	45.	3.5	7.0	6.4	17.9	18.9	-3.5	-3.1	-.88	.60
7	3	87	14	65.	3.3	6.8	6.6	19.9	26.5	-2.7	-2.4	-.91	.59
7	3	87	15	72.	3.8	9.0	8.4	19.6	20.5	-2.5	-2.5	-1.00	.58
7	3	87	16	52.	3.3	7.8	7.4	20.7	21.6	-2.6	-2.7	-.85	.56
7	3	87	17	35.	2.7	6.8	6.2	20.5	21.6	-3.3	-3.5	-.41	.57
7	3	87	18	357.	2.4	5.2	5.0	15.5	21.5	-4.3	-5.1	-.10	.59
7	3	87	19	0.	2.4	6.0	5.8	11.9	13.3	-5.0	-5.8	-.04	.62
7	3	87	20	14.	2.8	5.2	5.0	11.9	12.3	-5.0	-5.6	-.07	.64
7	3	87	21	7.	3.0	6.0	5.6	9.6	10.3	-4.8	-5.3	-.07	.65
7	3	87	22	34.	2.3	7.6	7.4	13.6	16.7	-4.6	-5.2	-.04	.65
7	3	87	23	41.	3.7	8.8	8.6	21.1	21.4	-4.3	-4.7	-.10	.59
7	3	87	24	48.	3.9	10.0	9.8	18.9	19.7	-4.5	-4.9	-.10	.56
8	3	87	1	60.	4.0	9.8	9.2	22.8	23.9	-4.8	-5.2	-.13	.58
8	3	87	2	34.	4.1	8.8	8.4	15.1	18.7	-5.4	-5.8	-.13	.65
8	3	87	3	30.	4.1	9.6	8.8	16.2	16.6	-5.4	-5.8	-.10	.65
8	3	87	4	25.	3.1	7.2	6.6	17.0	17.2	-5.4	-5.8	-.10	.63
8	3	87	5	41.	2.7	6.8	6.4	15.6	19.0	-5.5	-5.9	-.10	.63
8	3	87	6	42.	3.8	7.2	7.0	16.9	17.3	-5.4	-5.8	-.10	.61
8	3	87	7	58.	4.0	9.6	9.4	18.2	19.0	-5.4	-5.8	-.13	.60
8	3	87	8	53.	4.4	10.2	8.2	17.4	18.7	-5.5	-5.9	-.16	.60
8	3	87	9	48.	3.8	9.4	9.2	20.1	20.4	-5.1	-5.4	-.29	.60
8	3	87	10	66.	4.4	10.6	9.8	20.1	22.7	-4.8	-5.0	-.41	.59
8	3	87	11	48.	4.3	9.2	8.6	21.0	22.0	-5.6	-5.8	-.32	.62
8	3	87	12	38.	3.6	9.2	8.8	20.3	22.1	-5.5	-5.7	-.32	.64
8	3	87	13	41.	4.5	10.2	10.0	18.2	19.4	-5.6	-5.9	-.26	.65
8	3	87	14	31.	5.3	9.4	9.0	13.9	14.5	-5.5	-5.8	-.22	.65
8	3	87	15	37.	4.4	8.4	8.2	14.7	15.1	-5.1	-5.4	-.22	.66
8	3	87	16	49.	3.8	8.0	7.6	19.1	19.5	-4.9	-5.1	-.26	.66
8	3	87	17	45.	4.0	9.6	9.2	18.0	18.6	-4.8	-5.2	-.19	.67
8	3	87	18	38.	3.5	7.0	6.4	16.1	16.3	-4.9	-5.4	-.10	.67
8	3	87	19	31.	2.8	5.4	5.0	13.0	13.7	-5.1	-5.7	-.04	.68
8	3	87	20	51.	2.7	6.0	5.8	19.2	20.3	-4.8	-5.2	-.07	.68
8	3	87	21	46.	3.1	6.6	6.2	17.3	17.6	-4.5	-4.9	-.10	.67
8	3	87	22	45.	3.5	6.4	6.0	15.3	15.5	-4.5	-4.9	-.10	.67
8	3	87	23	38.	3.2	5.4	5.2	12.3	12.7	-4.5	-5.0	-.07	.67
8	3	87	24	35.	3.1	6.0	5.8	12.6	12.9	-4.5	-5.0	-.07	.67
9	3	87	1	34.	3.0	5.0	4.6	10.7	10.9	-4.6	-5.0	-.07	.67
9	3	87	2	35.	3.0	5.8	5.6	10.9	11.0	-4.8	-5.2	-.07	.66
9	3	87	3	37.	3.4	6.6	6.2	14.2	14.5	-4.9	-5.3	-.10	.67
9	3	87	4	18.	2.7	6.6	6.4	21.9	23.1	-5.0	-5.4	-.10	.69
9	3	87	5	17.	1.7	4.6	4.2	21.3	22.3	-5.4	-6.0	-.10	.69
9	3	87	6	45.	1.7	4.0	3.8	17.2	19.8	-6.0	-6.6	-.04	.70
9	3	87	7	63.	2.5	4.0	3.6	8.9	11.9	-6.2	-6.8	.06	.70
9	3	87	8	31.	2.5	5.2	5.0	13.6	16.0	-5.4	-5.7	-.10	.69
9	3	87	9	0.	1.9	4.4	4.0	15.8	20.5	-4.5	-4.7	-.29	.68
9	3	87	10	11.	3.5	7.4	7.2	12.6	13.0	-3.3	-3.4	-.26	.68
9	3	87	11	37.	3.8	8.0	7.6	17.2	20.6	-2.0	-1.9	-.63	.68
9	3	87	12	31.	3.2	6.8	6.4	21.0	21.5	-.8	-.5	-.94	.67
9	3	87	13	44.	3.5	6.4	6.0	17.0	17.7	-.5	-.1	-.85	.66
9	3	87	14	21.	3.2	5.6	5.2	17.1	17.7	.2	.6	-.81	.64
9	3	87	15	34.	2.9	5.6	5.4	19.9	20.5	.5	.9	-.69	.62
9	3	87	16	28.	2.3	4.8	4.6	19.5	19.8	.8	1.0	-.57	.61
9	3	87	17	66.	1.9	3.8	3.6	16.2	18.2	.5	.4	-.72	.60
9	3	87	18	58.	2.9	4.4	4.2	7.6	9.6	-1.2	-1.9	-.10	.61
9	3	87	19	51.	2.4	4.4	4.2	9.1	10.4	-2.0	-3.0	.18	.63
9	3	87	20	22.	2.5	5.2	4.8	10.7	18.0	-2.5	-3.6	.15	.64
9	3	87	21	335.	1.9	3.6	3.4	7.0	16.2	-3.3	-4.7	.21	.69
9	3	87	22	344.	2.5	4.4	4.2	6.3	8.3	-4.4	-5.7	.43	.78
9	3	87	23	340.	3.6	4.8	4.8	4.4	6.0	-5.0	-6.4	.43	.71
9	3	87	24	321.	3.5	4.8	4.8	4.4	7.4	-6.4	-7.6	.52	.79

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	3	87	1	336.	3.6	4.8	4.4	3.4	4.9	-7.5	-8.5	.46	.81
10	3	87	2	322.	3.4	4.2	4.0	3.4	4.9	-8.1	-9.2	.24	.78
10	3	87	3	319.	3.6	4.8	4.6	4.0	4.9	-8.8	-9.7	.18	.75
10	3	87	4	322.	3.2	4.6	4.4	5.4	6.6	-9.4	-10.4	.21	.73
10	3	87	5	329.	3.0	4.2	4.0	5.8	7.4	-9.9	-10.9	.12	.70
10	3	87	6	326.	3.0	4.8	4.6	6.4	6.9	-10.2	-11.3	.15	.68
10	3	87	7	329.	3.5	5.2	5.0	5.8	6.3	-10.7	-11.7	.12	.68
10	3	87	8	325.	4.2	5.6	5.6	5.1	5.3	-10.4	-10.9	.02	.66
10	3	87	9	322.	3.3	4.8	4.6	6.0	7.8	-9.5	-9.4	-.32	.63
10	3	87	10	321.	2.5	3.8	3.6	8.2	9.1	-7.7	-7.4	-.63	.60
10	3	87	11	328.	2.5	3.8	3.4	8.1	9.4	-5.4	-4.9	-.60	.57
10	3	87	12	315.	1.7	3.2	3.0	12.2	14.1	-2.1	-1.0	-1.06	.55
10	3	87	13	301.	1.7	3.0	2.6	9.4	10.3	-.3	.3	-1.09	.53
10	3	87	14	264.	1.1	2.0	1.8	9.1	13.7	1.7	2.2	-1.28	.51
10	3	87	15	278.	.8	1.8	1.4	16.3	18.6	2.8	3.3	-1.40	.49
10	3	87	16	260.	.7	1.8	1.8	28.0	29.6	3.7	3.6	-1.62	.48
10	3	87	17	139.	.5	1.2	1.2	25.5	47.8	3.1	3.6	-1.19	.48
10	3	87	18	110.	.4	1.0	1.0	4.2	13.1	.1	-1.5	-.01	.56
10	3	87	19	87.	.8	1.4	1.2	.0	5.8	-1.3	-3.5	.52	.60
10	3	87	20	321.	.9	2.2	2.2	12.9	41.3	-1.6	-3.7	.24	.68
10	3	87	21	336.	2.7	5.8	5.6	4.2	9.1	-3.1	-4.7	.52	.75
10	3	87	22	332.	3.8	6.0	5.8	4.9	5.1	-3.7	-5.1	.27	.65
10	3	87	23	336.	3.3	4.8	4.4	3.4	4.7	-4.9	-6.4	.89	.72
10	3	87	24	314.	2.9	4.4	4.2	4.7	8.2	-6.3	-7.6	.58	.78
11	3	87	1	325.	2.8	4.0	3.8	4.9	8.1	-7.3	-8.5	.52	.81
11	3	87	2	328.	3.2	4.2	4.0	4.9	6.6	-7.8	-8.9	.33	.79
11	3	87	3	321.	3.6	4.6	4.4	4.7	5.4	-8.3	-9.3	.24	.73
11	3	87	4	316.	3.8	4.8	4.6	4.4	5.1	-8.9	-9.8	.21	.73
11	3	87	5	321.	3.1	4.2	4.0	4.9	5.3	-9.2	-10.1	.15	.71
11	3	87	6	315.	3.2	4.0	3.8	4.2	5.3	-9.5	-10.5	.12	.70
11	3	87	7	318.	3.2	4.4	4.2	4.9	5.3	-9.8	-10.6	.15	.68
11	3	87	8	325.	2.8	4.2	4.0	7.0	7.7	-9.3	-9.5	-.16	.65
11	3	87	9	333.	2.5	4.2	3.8	8.0	8.8	-7.8	-7.8	-.16	.60
11	3	87	10	328.	2.6	4.4	4.0	9.9	10.2	-5.5	-5.2	-.50	.57
11	3	87	11	323.	1.9	4.2	4.0	12.4	12.7	-2.8	-2.4	-.88	.54
11	3	87	12	308.	1.8	3.0	2.8	8.0	9.3	-1.1	-.6	-.78	.51
11	3	87	13	302.	.7	2.2	2.0	14.1	15.1	2.9	2.8	-1.28	.48
11	3	87	14	197.	.4	1.2	1.0	40.4	56.3	7.2	7.0	-1.99	.43
11	3	87	15	117.	1.5	2.8	2.6	23.4	35.8	3.8	4.2	-1.22	.45
11	3	87	16	117.	2.3	3.8	3.6	7.8	8.4	.8	.6	-.69	.60
11	3	87	17	117.	2.7	3.8	3.8	7.0	7.3	-.9	-1.4	-.35	.65
11	3	87	18	125.	3.0	3.8	3.6	4.7	7.2	-2.4	-3.3	.21	.70
11	3	87	19	115.	3.2	4.2	4.0	4.2	5.3	-3.7	-4.6	.40	.78
11	3	87	20	110.	2.7	3.2	3.2	1.4	4.7	-4.4	-5.4	.37	.82
11	3	87	21	59.	1.5	2.8	2.8	37.0	39.5	-4.4	-5.7	.65	.85
11	3	87	22	330.	1.0	2.6	2.4	19.2	26.4	-4.4	-6.0	.55	.83
11	3	87	23	330.	2.7	3.4	3.2	3.7	9.2	-5.7	-6.8	.99	.84
11	3	87	24	311.	2.4	3.4	3.2	4.7	9.5	-6.0	-7.2	.89	.79
12	3	87	1	323.	2.4	3.6	3.4	5.8	9.9	-7.0	-8.4	.92	.81
12	3	87	2	330.	2.1	4.0	3.6	6.9	9.1	-7.7	-8.9	.77	.81
12	3	87	3	333.	2.7	3.8	3.8	4.7	8.1	-8.1	-9.3	.99	.79
12	3	87	4	322.	2.9	4.2	4.0	5.3	6.1	-8.6	-9.8	.71	.78
12	3	87	5	322.	2.9	4.4	4.0	4.9	6.4	-9.2	-10.2	.52	.78
12	3	87	6	319.	2.6	3.6	3.4	5.3	7.3	-9.8	-10.8	.24	.78
12	3	87	7	335.	3.8	5.0	4.8	3.4	4.0	-9.8	-10.8	.74	.77
12	3	87	8	342.	3.6	4.8	4.6	4.0	6.0	-9.3	-10.1	.74	.76
12	3	87	9	333.	2.7	4.0	3.8	5.8	6.9	-7.7	-7.9	.18	.74
12	3	87	10	325.	2.4	3.8	3.6	5.8	7.3	-5.7	-5.4	.06	.66
12	3	87	11	316.	2.6	3.6	3.4	5.6	6.6	-3.3	-2.8	-.50	.59
12	3	87	12	7.	1.7	3.8	3.6	26.3	32.3	-.3	.2	-.44	.53
12	3	87	13	28.	1.7	4.4	4.2	44.0	46.9	2.7	3.3	-1.44	.47
12	3	87	14	73.	2.4	5.0	4.6	27.4	32.4	3.0	3.3	-1.22	.42
12	3	87	15	97.	2.8	5.2	4.8	15.9	20.1	3.1	3.0	-1.19	.40
12	3	87	16	97.	2.6	4.4	4.2	18.2	20.8	2.7	2.5	-.88	.42
12	3	87	17	70.	2.5	4.4	4.2	15.4	21.8	1.5	1.2	-.53	.44
12	3	87	18	66.	2.4	4.6	4.4	9.3	10.4	.2	-.5	-.13	.43
12	3	87	19	359.	1.6	3.4	3.2	10.5	21.8	-.8	-2.1	.21	.46
12	3	87	20	0.	1.9	3.6	3.4	9.4	12.1	-1.2	-2.6	.02	.47
12	3	87	21	359.	2.4	4.6	4.2	7.6	8.4	-1.6	-3.0	.06	.49
12	3	87	22	1.	2.3	4.0	3.8	7.2	7.8	-2.2	-3.6	.18	.54
12	3	87	23	13.	3.1	5.6	5.2	5.8	9.3	-2.7	-4.3	.33	.62
12	3	87	24	11.	3.7	5.8	5.4	6.1	7.0	-2.8	-4.3	.27	.58

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	3	87	1	7.	3.3	5.0	4.6	6.3	6.7	-3.3	-4.9	.49	.61
13	3	87	2	347.	2.5	4.6	4.6	4.7	12.0	-4.5	-6.2	.80	.72
13	3	87	3	339.	3.5	5.4	5.0	6.3	9.9	-6.4	-7.5	1.51	.78
13	3	87	4	318.	3.5	4.6	4.6	4.4	10.1	-6.8	-7.9	2.01	.77
13	3	87	5	316.	3.2	4.2	4.0	3.4	4.4	-7.3	-8.4	.61	.75
13	3	87	6	322.	2.9	4.0	3.8	3.7	6.6	-7.9	-9.0	.21	.69
13	3	87	7	315.	3.0	3.8	3.6	3.7	4.9	-8.1	-9.1	.21	.66
13	3	87	8	299.	3.3	4.6	4.4	3.1	9.8	-7.6	-8.0	.15	.66
13	3	87	9	308.	3.3	4.2	3.8	4.7	7.7	-6.6	-6.6	.06	.70
13	3	87	10	312.	2.5	3.4	3.2	4.2	5.3	-4.4	-3.9	-.72	.63
13	3	87	11	308.	2.3	3.2	3.0	6.0	7.3	-2.1	-1.6	-.63	.56
13	3	87	12	260.	1.8	3.0	2.8	13.6	24.8	.3	.7	-.97	.54
13	3	87	13	110.	1.4	3.8	3.6	35.2	76.2	4.0	4.0	-2.21	.51
13	3	87	14	76.	1.7	3.8	3.8	27.1	30.5	3.8	4.4	-1.44	.49
13	3	87	15	122.	1.8	4.2	4.0	23.5	26.2	3.8	4.5	-1.16	.49
13	3	87	16	167.	2.7	4.8	4.2	13.5	21.4	2.3	2.5	-.47	.52
13	3	87	17	172.	2.4	4.4	4.0	11.8	12.6	1.1	1.2	-.19	.53
13	3	87	18	188.	2.0	3.4	3.2	8.1	12.6	-.7	-1.4	-.07	.56
13	3	87	19	131.	1.3	2.0	1.8	5.1	19.2	-2.2	-3.8	.21	.62
13	3	87	20	170.	.6	1.4	1.4	30.6	36.0	-2.9	-4.6	.27	.69
13	3	87	21	325.	.2	1.0	.8	41.8	122.0	-3.5	-5.0	.12	.73
13	3	87	22	45.	.4	1.2	1.0	16.0	28.8	-4.1	-6.0	.21	.78
13	3	87	23	328.	.4	1.4	1.4	25.5	54.4	-4.6	-6.6	.58	.80
13	3	87	24	323.	2.2	4.2	4.0	3.4	10.2	-6.6	-7.7	1.33	.83
14	3	87	1	322.	3.3	6.0	5.6	5.3	6.9	-6.5	-7.7	.58	.75
14	3	87	2	329.	2.6	3.8	3.6	6.0	10.0	-8.2	-9.2	.80	.82
14	3	87	3	325.	2.8	4.2	4.0	4.7	7.2	-8.8	-9.8	.33	.80
14	3	87	4	311.	2.3	3.4	3.0	5.6	8.6	-9.4	-10.3	.30	.80
14	3	87	5	308.	1.9	3.4	3.2	5.3	10.3	-9.7	-10.6	.55	.79
14	3	87	6	309.	2.1	3.2	3.2	4.4	5.1	-10.2	-11.0	.12	.78
14	3	87	7	311.	2.0	3.6	3.4	7.0	7.7	-10.3	-10.8	-.04	.78
14	3	87	8	322.	1.6	3.4	3.2	6.9	9.6	-9.6	-9.8	-.22	.79
14	3	87	9	299.	1.4	2.4	2.4	4.7	9.2	-8.8	-9.0	-.29	.79
14	3	87	10	356.	1.0	2.0	2.0	9.9	17.7	-6.6	-6.7	.27	.82
14	3	87	11	125.	.2	1.2	1.0	42.4	81.7	-1.3	-2.4	.09	.74
14	3	87	12	111.	1.0	3.4	3.2	20.0	22.9	1.0	1.0	-1.87	.61
14	3	87	13	114.	3.1	6.0	5.4	10.3	11.3	-2.2	-2.4	-.63	.70
14	3	87	14	149.	4.1	7.0	6.6	11.5	17.8	-1.8	-2.0	-.41	.74
14	3	87	15	165.	3.3	6.0	5.8	13.7	14.7	-1.8	-1.8	-.26	.76
14	3	87	16	179.	4.0	7.2	7.0	13.0	13.4	-1.3	-1.3	-.32	.76
14	3	87	17	191.	4.8	9.2	8.4	10.8	12.7	-1.9	-2.2	-.26	.77
14	3	87	18	191.	5.0	9.4	8.4	11.7	12.0	-2.6	-3.1	-.13	.76
14	3	87	19	190.	4.7	8.0	7.6	11.6	11.8	-2.9	-3.4	-.10	.75
14	3	87	20	186.	3.5	6.8	6.6	13.3	13.7	-3.1	-3.7	-.07	.76
14	3	87	21	174.	2.8	5.8	5.2	16.5	19.3	-3.1	-3.6	-.10	.77
14	3	87	22	200.	2.9	6.8	6.4	18.4	21.0	-3.0	-3.5	-.07	.80
14	3	87	23	195.	3.1	6.8	6.4	12.1	12.6	-2.7	-3.2	-.10	.83
14	3	87	24	190.	3.5	7.6	7.0	12.0	12.3	-2.5	-3.0	-.10	.87
15	3	87	1	173.	4.3	8.8	8.2	12.6	13.8	-2.3	-2.7	-.13	.89
15	3	87	2	166.	4.2	8.6	8.2	13.4	13.8	-2.2	-2.6	-.13	.90
15	3	87	3	173.	4.5	8.2	7.6	13.3	13.6	-2.1	-2.5	-.16	.91
15	3	87	4	174.	4.5	8.8	8.4	13.0	13.5	-2.1	-2.4	-.13	.91
15	3	87	5	181.	4.9	9.2	8.8	13.2	13.8	-2.3	-2.6	-.13	.90
15	3	87	6	172.	5.0	9.4	8.8	13.9	14.2	-2.4	-2.8	-.13	.89
15	3	87	7	174.	5.9	12.2	11.2	14.5	14.5	-2.4	-2.8	-.13	.89
15	3	87	8	150.	5.5	11.2	10.6	14.8	16.4	-2.7	-3.0	-.16	.88
15	3	87	9	150.	6.0	10.4	9.6	12.9	13.1	-2.6	-3.0	-.13	.88
15	3	87	10	138.	6.0	10.6	10.0	12.7	13.1	-2.5	-2.9	-.13	.90
15	3	87	11	138.	5.8	10.0	9.2	11.8	11.8	-2.5	-2.8	-.10	.90
15	3	87	12	128.	6.2	10.2	10.0	12.3	12.7	-2.8	-3.1	-.13	.89
15	3	87	13	122.	4.9	8.2	7.6	12.0	12.2	-2.9	-3.2	-.13	.89
15	3	87	14	125.	4.5	7.6	6.8	11.2	11.2	-2.8	-3.2	-.16	.89
15	3	87	15	122.	4.5	7.2	6.8	10.2	10.3	-2.8	-3.1	-.16	.89
15	3	87	16	117.	4.0	6.2	6.0	9.5	9.9	-2.9	-3.2	-.19	.89
15	3	87	17	98.	3.6	6.4	6.2	9.7	11.3	-2.9	-3.2	-.19	.89
15	3	87	18	110.	2.4	4.6	4.2	12.3	13.7	-3.0	-3.4	-.16	.88
15	3	87	19	98.	1.8	3.6	3.2	12.3	18.0	-3.0	-3.4	-.10	.88
15	3	87	20	91.	2.2	4.2	4.0	9.7	11.8	-3.1	-3.5	-.13	.88
15	3	87	21	94.	2.4	4.0	3.8	9.0	9.5	-3.3	-3.8	-.13	.87
15	3	87	22	0.	1.2	3.2	3.2	47.0	57.8	-3.5	-4.0	-.13	.87
15	3	87	23	60.	1.2	2.6	2.4	16.2	20.7	-3.6	-4.1	-.13	.86
15	3	87	24	42.	.9	2.4	2.4	34.0	35.4	-3.7	-4.2	-.13	.86

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	3	87	1	20.	1.2	2.6	2.4	16.3	19.0	-3.7	-4.4	-.16	.85
16	3	87	2	346.	1.3	2.4	2.2	8.4	12.3	-4.1	-5.4	-.07	.84
16	3	87	3	339.	2.4	4.0	3.8	4.2	5.3	-4.3	-5.2	-.01	.84
16	3	87	4	353.	2.4	4.2	4.0	6.4	7.2	-4.6	-5.4	-.04	.83
16	3	87	5	336.	2.4	4.0	3.8	5.4	9.1	-5.1	-6.0	.02	.82
16	3	87	6	329.	2.9	4.8	4.4	4.9	6.7	-5.4	-6.3	-.01	.81
16	3	87	7	336.	1.9	3.4	3.2	5.6	10.4	-6.0	-6.8	.02	.80
16	3	87	8	346.	1.5	2.4	2.2	9.6	16.9	-5.7	-6.2	-.04	.82
16	3	87	9	325.	1.0	2.2	2.2	10.8	14.7	-4.6	-5.0	-.19	.84
16	3	87	10	343.	1.1	2.2	2.0	11.1	20.7	-3.3	-3.7	-.66	.86
16	3	87	11	307.	.9	2.2	2.0	13.8	22.4	-1.0	-1.6	-1.28	.86
16	3	87	12	290.	1.3	2.2	2.0	10.5	14.3	-.6	-.3	-1.06	.82
16	3	87	13	276.	.3	2.2	2.0	68.7	83.8	1.9	2.4	-2.09	.82
16	3	87	14	135.	1.0	2.8	2.6	32.9	52.0	1.5	2.1	-2.18	.75
16	3	87	15	156.	.9	3.0	2.8	52.8	72.3	2.5	2.8	-2.12	.68
16	3	87	16	122.	2.3	3.8	3.6	12.1	12.6	-.6	-.7	-.72	.78
16	3	87	17	121.	1.9	3.0	2.8	11.3	12.3	-1.4	-1.6	-.44	.79
16	3	87	18	139.	1.7	3.0	2.8	8.0	10.2	-2.9	-3.5	-.04	.81
16	3	87	19	134.	1.8	2.6	2.2	6.9	9.3	-3.9	-4.5	.21	.84
16	3	87	20	117.	.9	2.4	2.4	17.1	24.6	-3.8	-4.2	.12	.86
16	3	87	21	132.	1.0	1.8	1.6	9.4	16.9	-3.9	-4.4	.02	.86
16	3	87	22	86.	1.0	1.6	1.6	11.4	18.3	-3.8	-4.3	.06	.86
16	3	87	23	87.	1.2	2.0	1.8	16.2	25.9	-3.8	-4.3	.09	.86
16	3	87	24	105.	1.2	2.0	2.0	17.4	33.5	-3.7	-4.3	.12	.86
17	3	87	1	127.	1.6	2.2	2.2	7.7	10.1	-3.9	-4.4	.06	.86
17	3	87	2	128.	1.9	3.0	2.8	9.4	9.8	-4.1	-4.5	-.07	.86
17	3	87	3	134.	2.0	3.0	3.0	7.4	8.3	-4.2	-4.6	-.01	.85
17	3	87	4	121.	1.3	2.0	1.8	8.8	11.2	-4.2	-4.6	.02	.86
17	3	87	5	179.	1.1	2.2	2.0	10.5	22.3	-4.0	-4.4	-.04	.87
17	3	87	6	128.	1.3	3.4	3.2	9.9	20.3	-3.7	-4.1	-.07	.87
17	3	87	7	157.	1.8	3.0	2.8	9.6	14.3	-3.8	-4.2	-.07	.87
17	3	87	8	127.	2.3	4.6	4.4	10.8	12.3	-3.6	-3.9	-.16	.86
17	3	87	9	139.	3.1	6.2	5.8	12.3	13.2	-3.3	-3.5	-.22	.86
17	3	87	10	135.	2.9	5.4	5.0	14.9	15.5	-2.6	-2.7	-.35	.82
17	3	87	11	138.	4.5	7.4	7.0	10.9	11.6	-2.4	-2.5	-.44	.80
17	3	87	12	132.	4.8	8.2	7.4	11.2	11.5	-2.4	-2.6	-.38	.80
17	3	87	13	134.	4.4	7.4	7.2	12.3	12.7	-2.7	-2.9	-.32	.81
17	3	87	14	121.	4.2	7.6	7.2	12.2	13.1	-3.0	-3.2	-.29	.82
17	3	87	15	136.	4.4	8.4	7.8	12.6	15.1	-3.1	-3.4	-.26	.84
17	3	87	16	128.	4.8	8.8	7.6	11.4	11.7	-3.3	-3.6	-.19	.85
17	3	87	17	127.	5.1	9.6	9.4	12.3	12.3	-3.5	-3.8	-.16	.86
17	3	87	18	129.	5.2	9.2	8.6	11.5	11.8	-3.4	-3.7	-.13	.86
17	3	87	19	132.	6.1	11.8	11.2	12.3	12.3	-3.0	-3.3	-.13	.86
17	3	87	20	129.	6.7	12.4	11.8	12.7	12.8	-2.7	-3.1	-.13	.84
17	3	87	21	128.	7.0	12.0	11.8	11.5	11.7	-2.7	-3.0	-.13	.84
17	3	87	22	122.	7.6	13.8	13.0	12.0	12.1	-2.7	-3.0	-.13	.86
17	3	87	23	122.	8.7	14.4	13.6	11.3	11.5	-2.9	-3.3	-.13	.88
17	3	87	24	118.	9.7	16.8	16.4	11.1	11.2	-3.2	-3.6	-.10	.88
18	3	87	1	114.	8.7	16.6	14.8	11.3	11.7	-3.2	-3.6	-.10	.88
18	3	87	2	111.	8.6	17.0	15.6	11.1	11.2	-3.0	-3.5	-.10	.88
18	3	87	3	107.	9.4	15.6	14.6	11.0	11.2	-2.5	-2.9	-.07	.89
18	3	87	4	118.	8.3	13.8	13.4	10.3	11.8	-1.8	-2.2	-.07	.90
18	3	87	5	132.	6.6	11.4	10.6	11.7	13.8	-1.1	-1.5	-.07	.92
18	3	87	6	120.	6.4	12.2	10.6	12.2	12.7	-1.0	-1.3	-.10	.92
18	3	87	7	107.	6.4	11.6	10.8	11.0	12.2	-1.2	-1.6	-.10	.92
18	3	87	8	96.	6.2	10.8	10.2	11.8	12.5	-1.6	-2.0	-.13	.91
18	3	87	9	66.	5.6	11.8	10.2	13.4	15.9	-2.2	-2.6	-.16	.90
18	3	87	10	56.	5.7	10.6	10.2	14.9	15.7	-2.7	-3.0	-.19	.89
18	3	87	11	52.	5.6	11.2	10.2	15.2	15.5	-2.5	-2.8	-.22	.90
18	3	87	12	62.	4.8	10.0	9.6	19.5	19.8	-2.2	-2.5	-.22	.90
18	3	87	13	30.	2.6	8.2	7.6	28.2	32.5	-1.6	-1.9	-.22	.92
18	3	87	14	42.	1.3	3.2	3.0	25.6	28.2	-1.0	-1.3	-.13	.93
18	3	87	15	56.	1.4	3.4	3.2	18.7	23.4	-.9	-1.1	-.16	.93
18	3	87	16	41.	1.6	3.8	3.6	19.7	24.3	-.9	-1.1	-.19	.93
18	3	87	17	35.	.8	3.0	2.6	19.7	24.7	-.9	-1.1	-.16	.93
18	3	87	18	56.	2.1	4.6	4.4	12.5	13.8	-.9	-1.2	-.10	.93
18	3	87	19	82.	2.5	5.6	4.8	11.9	14.2	-.8	-1.2	-.07	.92
18	3	87	20	107.	3.7	7.4	7.0	12.1	14.5	-.5	-1.0	-.07	.93
18	3	87	21	114.	4.5	8.8	8.2	11.1	11.6	-.3	-.7	-.01	.93
18	3	87	22	101.	4.8	8.8	8.4	11.4	11.7	-.2	-.6	.02	.93
18	3	87	23	89.	4.1	7.4	7.0	11.7	12.1	-.2	-.6	-.01	.93
18	3	87	24	83.	4.1	7.2	6.8	11.6	11.9	-.2	-.6	-.04	.93

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	3	87	1	70.	3.6	6.8	6.2	11.7	12.7	-.2	-.6	-.01	.93
19	3	87	2	60.	3.9	6.6	6.4	12.9	13.6	-.3	-.6	-.04	.93
19	3	87	3	52.	3.8	7.4	6.8	13.6	14.4	-.4	-.8	-.04	.93
19	3	87	4	56.	2.5	5.0	4.8	16.2	16.8	-.5	-.9	-.10	.92
19	3	87	5	35.	2.8	5.8	5.6	16.2	17.5	-.7	-1.0	-.07	.92
19	3	87	6	25.	2.3	5.8	5.4	17.4	18.7	-.9	-1.3	-.07	.92
19	3	87	7	15.	3.1	6.0	5.6	14.7	15.7	-1.1	-1.4	-.07	.92
19	3	87	8	31.	3.9	7.6	7.0	12.5	13.8	-1.2	-1.4	-.13	.91
19	3	87	9	24.	3.4	6.6	6.6	15.8	16.4	-.8	-.9	-.13	.92
19	3	87	10	24.	2.6	6.6	6.2	17.2	20.3	-.7	-.8	-.07	.92
19	3	87	11	38.	2.7	7.0	6.8	19.2	19.9	-.2	-.2	-.07	.93
19	3	87	12	30.	4.0	8.2	7.6	15.6	16.8	.2	.4	-.22	.94
19	3	87	13	32.	4.0	8.6	8.4	16.2	18.4	.6	.4	-.22	.95
19	3	87	14	32.	4.4	8.2	7.8	14.6	15.0	.9	.9	-.41	.95
19	3	87	15	7.	3.8	6.8	6.4	15.8	18.1	.9	1.0	-.32	.95
19	3	87	16	15.	3.5	6.6	6.2	12.5	12.9	.9	.7	-.19	.95
19	3	87	17	31.	3.8	6.8	6.4	14.9	15.1	.8	.7	-.26	.94
19	3	87	18	14.	3.2	6.2	6.0	12.0	13.1	.2	-.1	-.16	.94
19	3	87	19	4.	2.7	5.2	4.8	10.0	11.4	-.3	-.7	-.10	.92
19	3	87	20	4.	2.4	4.6	4.4	9.7	12.9	-.3	-.8	-.07	.92
19	3	87	21	359.	2.5	4.8	4.6	9.3	10.0	-.3	-.8	-.07	.91
19	3	87	22	357.	2.3	4.0	4.0	8.3	10.7	-.4	-.8	-.04	.91
19	3	87	23	329.	2.7	4.4	4.2	7.6	12.5	-.4	-.9	-.07	.91
19	3	87	24	344.	2.4	4.2	3.8	6.7	15.1	-.5	-1.0	-.07	.91
20	3	87	1	318.	2.3	3.8	3.6	10.0	13.4	-.6	-1.0	-.10	.92
20	3	87	2	340.	2.1	3.6	3.4	7.0	16.7	-.8	-1.2	-.07	.92
20	3	87	3	314.	2.2	3.8	3.6	7.4	16.3	-.8	-1.2	-.10	.91
20	3	87	4	339.	1.6	2.8	2.6	7.3	18.3	-.9	-1.3	-.07	.90
20	3	87	5	314.	2.0	3.2	3.0	6.9	13.2	-1.1	-1.5	-.16	.90
20	3	87	6	323.	1.0	2.6	2.4	20.3	24.3	-1.4	-1.7	-.07	.90
20	3	87	7	94.	1.5	5.2	4.4	28.7	54.1	-1.0	-1.4	-.10	.90
20	3	87	8	84.	2.1	4.8	4.4	15.9	18.2	-.9	-1.2	-.19	.91
20	3	87	9	87.	2.8	6.6	6.2	16.8	19.1	-.2	-.5	-.35	.92
20	3	87	10	93.	3.6	7.0	6.4	14.6	15.1	.1	-.2	-.44	.92
20	3	87	11	103.	3.0	5.8	5.6	14.7	16.5	.6	.4	-.50	.92
20	3	87	12	65.	3.4	6.2	5.8	14.3	18.2	1.0	.8	-.53	.92
20	3	87	13	65.	2.6	5.6	4.8	16.2	16.9	1.1	.9	-.66	.92
20	3	87	14	96.	2.0	4.4	4.2	15.7	20.0	1.2	.9	-.60	.90
20	3	87	15	82.	2.5	4.4	4.2	13.8	16.8	1.1	.8	-.53	.87
20	3	87	16	97.	2.5	4.4	4.2	13.4	14.7	.9	.6	-.44	.85
20	3	87	17	93.	2.6	5.4	5.2	11.6	12.0	.4	.0	-.29	.84
20	3	87	18	94.	2.3	4.6	4.2	10.9	11.3	-.1	-.5	-.22	.85
20	3	87	19	90.	2.6	5.0	4.6	11.5	12.6	-.5	-1.0	-.13	.84
20	3	87	20	112.	2.3	4.2	4.0	10.1	13.4	-.8	-1.2	-.13	.84
20	3	87	21	91.	2.8	5.2	4.8	7.8	11.1	-.8	-1.2	-.13	.84
20	3	87	22	107.	2.9	5.2	5.0	10.0	13.7	-.8	-1.2	-.10	.84
20	3	87	23	100.	3.1	5.6	5.2	10.3	11.4	-.7	-1.1	-.10	.84
20	3	87	24	110.	3.5	7.0	6.6	11.5	12.6	-.7	-1.1	-.13	.85
21	3	87	1	111.	3.6	6.4	6.2	9.8	10.0	-.6	-1.0	-.13	.85
21	3	87	2	122.	3.6	6.6	6.2	10.1	11.8	-.8	-1.1	-.10	.85
21	3	87	3	111.	3.2	5.8	5.6	10.4	11.2	-.6	-1.0	-.10	.86
21	3	87	4	87.	2.7	4.6	4.2	11.8	16.2	-.6	-.9	-.13	.86
21	3	87	5	65.	2.6	5.0	5.0	12.0	13.3	-.7	-1.0	-.13	.86
21	3	87	6	21.	2.4	4.2	3.8	13.0	17.7	-.8	-1.2	-.13	.86
21	3	87	7	18.	2.6	4.2	4.0	10.5	11.0	-.9	-1.2	-.16	.86
21	3	87	8	351.	2.0	3.8	3.6	9.9	14.1	-.9	-1.1	-.16	.86
21	3	87	9	1.	1.9	3.8	3.6	9.8	10.4	-.6	-.6	-.22	.87
21	3	87	10	328.	1.7	3.8	3.6	11.2	17.0	-.3	-.3	-.29	.88
21	3	87	11	336.	2.1	4.0	3.6	11.4	13.0	-.1	-.1	-.35	.90
21	3	87	12	309.	1.6	3.4	3.2	12.6	19.4	.9	1.2	-.72	.92
21	3	87	13	291.	1.5	3.2	3.0	14.5	16.9	2.5	2.7	-1.25	.91
21	3	87	14	267.	1.8	4.2	3.8	14.5	18.8	2.3	2.2	-.88	.89
21	3	87	15	287.	2.0	4.2	3.8	14.3	18.1	3.7	3.9	-1.40	.78
21	3	87	16	226.	1.8	3.6	3.2	15.0	30.2	3.3	3.5	-1.06	.73
21	3	87	17	190.	2.3	4.4	4.2	13.4	18.7	3.2	3.7	-.94	.79
21	3	87	18	138.	2.3	4.0	3.8	10.0	20.9	1.1	.6	-.26	.88
21	3	87	19	122.	2.0	4.2	4.0	10.7	20.1	-.1	-.8	.06	.90
21	3	87	20	105.	2.3	4.0	3.8	8.4	9.3	-1.3	-1.7	-.13	.90
21	3	87	21	122.	1.8	3.0	2.8	11.1	16.3	-1.4	-1.9	.06	.90
21	3	87	22	121.	2.0	3.6	3.4	9.7	10.5	-1.3	-1.8	.06	.90
21	3	87	23	150.	1.3	2.4	2.2	20.9	31.4	-2.0	-2.6	.27	.89
21	3	87	24	100.	1.4	2.4	2.2	16.0	26.1	-2.8	-3.6	.40	.87

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	3	87	1	114.	2.0	3.4	3.4	12.3	12.9	-3.4	-4.2	.49	.86
22	3	87	2	112.	2.3	3.6	3.2	6.3	7.7	-3.5	-4.1	.15	.85
22	3	87	3	132.	1.5	3.0	2.8	11.4	18.3	-3.8	-4.3	.06	.85
22	3	87	4	127.	1.5	2.8	2.6	11.3	13.7	-3.0	-3.6	.49	.86
22	3	87	5	132.	1.8	3.0	2.8	5.4	7.8	-2.5	-3.0	.33	.87
22	3	87	6	83.	1.1	2.8	2.6	54.5	67.8	-2.4	-2.9	.18	.87
22	3	87	7	134.	1.3	2.8	2.6	13.1	24.7	-2.2	-2.6	.06	.88
22	3	87	8	143.	1.5	2.8	2.6	11.2	12.7	-1.5	-1.9	-.10	.89
22	3	87	9	146.	1.2	2.2	2.2	14.7	16.3	-1.1	-1.3	-.16	.90
22	3	87	10	125.	1.3	2.4	2.2	12.5	15.7	-.8	-1.0	-.29	.90
22	3	87	11	101.	1.5	2.8	2.6	14.1	19.6	-.5	-.5	-.41	.89
22	3	87	12	138.	2.0	3.6	3.4	13.3	16.2	.3	.2	-.63	.79
22	3	87	13	98.	1.7	3.6	3.4	13.0	19.2	.9	.8	-.60	.78
22	3	87	14	96.	1.0	2.4	2.0	30.2	32.7	1.6	1.5	-.69	.77
22	3	87	15	125.	.3	1.6	1.4	52.2	73.9	1.7	1.7	-.50	.78
22	3	87	16	38.	.5	2.2	2.0	66.8	80.3	1.8	1.6	-.44	.80
22	3	87	17	34.	1.2	2.8	2.6	17.8	19.0	1.1	1.0	-.29	.82
22	3	87	18	69.	.8	2.4	2.4	13.3	20.1	.9	.3	-.38	.84
22	3	87	19	7.	1.0	2.2	2.0	17.3	21.1	.3	-.9	-.19	.88
22	3	87	20	328.	1.2	2.4	2.2	9.8	17.7	.3	-.8	-.13	.86
22	3	87	21	340.	1.5	3.0	2.8	9.2	11.5	.0	-.9	-.13	.87
22	3	87	22	312.	1.4	2.6	2.4	10.8	18.6	-.2	-1.1	-.07	.87
22	3	87	23	309.	1.6	2.8	2.6	6.7	10.8	-.5	-1.4	-.07	.89
22	3	87	24	309.	1.9	2.6	2.6	3.4	10.4	-.8	-1.5	-.04	.88
23	3	87	1	329.	1.6	2.6	2.4	6.3	11.6	-1.0	-1.7	-.13	.88
23	3	87	2	326.	1.4	2.0	1.8	4.4	13.6	-1.1	-1.9	-.10	.88
23	3	87	3	344.	1.5	2.0	2.0	3.7	9.5	-1.4	-2.2	-.04	.89
23	3	87	4	294.	1.2	3.0	3.0	14.2	38.8	-1.2	-2.3	-.01	.89
23	3	87	5	311.	1.7	3.0	2.8	6.4	7.8	-1.7	-2.3	-.16	.87
23	3	87	6	316.	1.4	2.4	2.2	7.4	15.8	-1.7	-2.5	-.10	.88
23	3	87	7	312.	1.9	3.0	2.8	5.8	10.5	-2.0	-2.5	-.07	.84
23	3	87	8	288.	2.3	3.6	3.4	7.0	12.0	-1.8	-2.1	-.32	.83
23	3	87	9	308.	1.9	3.0	3.0	7.7	9.3	-1.4	-1.4	-.47	.81
23	3	87	10	346.	1.2	2.4	2.2	11.6	22.7	.1	.4	-.32	.78
23	3	87	11	329.	.9	2.8	2.4	23.1	26.5	3.1	3.8	-1.06	.71
23	3	87	12	359.	1.1	2.6	2.4	24.6	27.0	3.4	4.0	-.72	.69
23	3	87	13	169.	1.4	3.6	3.4	47.6	81.7	4.6	5.3	-1.03	.62
23	3	87	14	143.	2.7	4.6	4.4	19.1	22.6	3.2	3.6	-.47	.71
23	3	87	15	125.	3.2	5.2	5.0	15.8	20.2	2.6	2.9	-.57	.77
23	3	87	16	150.	3.2	5.6	5.2	14.9	17.3	1.5	1.6	-.38	.80
23	3	87	17	138.	2.6	4.6	4.6	12.3	14.7	.7	.5	-.32	.84
23	3	87	18	136.	2.6	4.4	4.2	9.7	10.6	-.1	-.5	-.22	.86
23	3	87	19	120.	2.4	3.6	3.4	7.2	8.3	-.9	-1.4	-.10	.88
23	3	87	20	83.	1.8	3.2	3.0	5.3	15.7	-1.1	-1.9	-.07	.88
23	3	87	21	37.	1.3	2.6	2.4	6.4	25.9	-1.0	-1.8	-.13	.88
23	3	87	22	38.	1.6	2.8	2.6	9.2	13.7	-.7	-1.5	-.01	.83
23	3	87	23	59.	1.0	2.2	2.0	23.6	28.7	-.8	-1.6	-.22	.84
23	3	87	24	44.	1.0	2.4	2.2	15.7	17.1	-1.2	-1.9	-.22	.89
24	3	87	1	49.	1.2	3.2	3.0	20.4	22.4	-1.1	-1.8	-.19	.88
24	3	87	2	67.	1.5	3.4	3.0	13.6	14.8	-1.0	-1.6	-.16	.88
24	3	87	3	58.	1.1	3.0	2.8	24.2	26.3	-1.0	-1.5	-.22	.89
24	3	87	4	59.	2.4	5.2	5.0	17.3	18.3	-1.1	-1.5	-.16	.88
24	3	87	5	52.	2.6	5.8	5.4	17.7	18.2	-1.1	-1.6	-.13	.87
24	3	87	6	44.	2.5	5.4	5.0	17.0	17.7	-1.1	-1.6	-.13	.87
24	3	87	7	46.	2.8	6.0	5.8	17.7	18.1	-.9	-1.3	-.13	.85
24	3	87	8	55.	2.9	6.4	6.2	17.5	18.0	-.5	-.8	-.26	.83
24	3	87	9	76.	2.6	5.8	5.4	15.8	17.2	-.2	-.4	-.35	.81
24	3	87	10	346.	1.2	2.4	2.2	11.6	22.7	.1	.4	-.32	.78
24	3	87	11	329.	.9	2.8	2.4	23.1	26.5	3.1	3.8	-1.06	.71
24	3	87	12	359.	1.1	2.6	2.4	24.6	27.0	3.4	4.0	-.72	.69
24	3	87	13	169.	1.4	3.6	3.4	47.6	81.7	4.6	5.3	-1.03	.62
24	3	87	14	143.	2.7	4.6	4.4	19.1	22.6	3.2	3.6	-.47	.71
24	3	87	15	125.	3.2	5.2	5.0	15.8	20.2	2.6	2.9	-.57	.77
24	3	87	16	150.	3.2	5.6	5.2	14.9	17.3	1.5	1.6	-.38	.80
24	3	87	17	138.	2.6	4.6	4.6	12.3	14.7	.7	.5	-.32	.84
24	3	87	18	136.	2.6	4.4	4.2	9.7	10.6	-.1	-.5	-.22	.86
24	3	87	19	120.	2.4	3.6	3.4	7.2	8.3	-.9	-1.4	-.10	.88
24	3	87	20	83.	1.8	3.2	3.0	5.3	15.7	-1.1	-1.9	-.07	.88
24	3	87	21	37.	1.3	2.6	2.4	6.4	25.9	-1.0	-1.8	-.13	.88
24	3	87	22	38.	1.6	2.8	2.6	9.2	13.7	-.7	-1.5	-.01	.83
24	3	87	23	59.	1.0	2.2	2.0	23.6	28.7	-.8	-1.6	-.22	.84
24	3	87	24	44.	1.0	2.4	2.2	15.7	17.1	-1.2	-1.9	-.22	.89

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	3	87	1	49.	1.2	3.2	3.0	20.4	22.4	-1.1	-1.8	-.19	.88
25	3	87	2	67.	1.5	3.4	3.0	13.6	14.8	-1.0	-1.6	-.16	.88
25	3	87	3	58.	1.1	3.0	2.8	24.2	26.3	-1.0	-1.5	-.22	.89
25	3	87	4	59.	2.4	5.2	5.0	17.3	18.3	-1.1	-1.5	-.16	.88
25	3	87	5	52.	2.6	5.8	5.4	17.7	18.2	-1.1	-1.6	-.13	.87
25	3	87	6	44.	2.5	5.4	5.0	17.0	17.7	-1.1	-1.6	-.13	.87
25	3	87	7	46.	2.8	6.0	5.8	17.7	18.1	-.9	-1.3	-.13	.85
25	3	87	8	55.	2.9	6.4	6.2	17.5	18.0	-.5	-.8	-.26	.83
25	3	87	9	76.	2.6	5.8	5.4	15.8	17.2	-.2	-.4	-.35	.81
25	3	87	10	55.	2.5	5.4	5.0	16.8	17.3	.2	.0	-.50	.82
25	3	87	11	59.	2.2	4.8	4.4	21.5	21.9	1.3	1.5	-.78	.80
25	3	87	12	46.	2.5	5.0	4.8	19.3	19.6	1.9	2.2	-.91	.79
25	3	87	13	48.	2.7	5.0	4.6	18.3	19.9	3.5	3.8	-1.19	.75
25	3	87	14	48.	2.7	5.0	4.8	18.0	18.5	3.8	4.1	-1.06	.72
25	3	87	15	59.	2.9	5.2	4.8	16.8	18.3	3.8	3.9	-1.06	.72
25	3	87	16	32.	3.0	5.6	5.4	17.2	19.5	3.3	3.3	-.81	.72
25	3	87	17	4.	2.8	6.0	5.4	14.5	20.0	2.1	1.9	-.35	.77
25	3	87	18	22.	2.2	5.0	4.6	14.8	16.2	1.3	.9	-.19	.81
25	3	87	19	25.	3.1	6.0	5.6	9.8	10.4	.6	.0	-.13	.82
25	3	87	20	14.	3.2	6.2	5.8	9.6	10.7	.3	-.3	-.10	.82
25	3	87	21	67.	2.3	5.8	5.4	21.2	30.8	.3	-.5	-.01	.81
25	3	87	22	59.	3.0	6.0	5.6	13.6	13.7	.2	-.4	-.10	.78
25	3	87	23	42.	2.9	5.8	5.4	14.4	15.3	-.2	-1.0	-.04	.78
25	3	87	24	27.	2.8	4.8	4.6	11.0	11.8	-.5	-1.3	-.04	.77
26	3	87	1	32.	3.1	6.2	5.6	12.4	12.7	-.5	-1.3	-.07	.75
26	3	87	2	31.	4.7	7.4	7.0	9.5	9.6	-.9	-1.6	-.07	.75
26	3	87	3	30.	4.3	7.4	7.0	10.5	10.9	-1.3	-1.9	-.07	.76
26	3	87	4	32.	3.5	7.4	6.6	11.2	11.4	-1.6	-2.3	-.07	.77
26	3	87	5	24.	4.0	6.6	6.4	9.7	10.1	-1.8	-2.5	-.04	.77
26	3	87	6	34.	3.6	7.4	7.0	11.1	12.0	-2.1	-2.8	-.04	.78
26	3	87	7	38.	2.8	5.2	5.0	12.6	13.8	-2.0	-2.4	-.13	.78
26	3	87	8	65.	2.8	6.2	5.6	18.9	20.1	-1.4	-1.7	-.53	.77
26	3	87	9	80.	3.8	7.4	7.2	16.5	16.9	-1.8	-2.1	-.69	.78
26	3	87	10	69.	4.4	9.6	9.4	15.1	16.4	-2.8	-3.0	-.66	.79
26	3	87	11	69.	4.6	9.2	8.2	15.3	16.8	-3.3	-3.5	-.53	.80
26	3	87	12	60.	4.3	9.6	8.8	19.3	21.5	-2.9	-3.1	-.47	.79
26	3	87	13	60.	2.9	7.0	6.8	25.0	27.2	-1.6	-1.5	-.60	.77
26	3	87	14	69.	3.5	7.4	6.8	22.9	23.2	-1.4	-1.5	-.50	.77
26	3	87	15	49.	3.6	8.0	7.6	18.1	20.2	-1.1	-1.3	-.44	.77
26	3	87	16	53.	2.7	6.4	6.2	20.3	20.8	-.9	-1.2	-.29	.79
26	3	87	17	32.	2.9	5.8	5.4	17.4	19.6	-.9	-1.2	-.22	.80
26	3	87	18	30.	2.5	7.2	7.0	25.9	28.3	-.8	-1.2	-.16	.82
26	3	87	19	42.	1.7	5.2	5.0	33.1	34.1	-.7	-1.2	-.19	.84
26	3	87	20	62.	2.8	8.8	8.0	28.5	28.9	-.4	-.9	-.16	.84
26	3	87	21	84.	4.2	8.6	8.0	19.0	21.6	.0	-.4	-.13	.81
26	3	87	22	73.	4.5	10.2	9.2	15.7	17.2	.3	-.2	-.13	.81
26	3	87	23	83.	4.9	9.6	8.6	14.3	16.3	.3	-.1	-.16	.83
26	3	87	24	80.	4.2	10.2	9.0	15.5	15.8	-.2	-.6	-.13	.90
27	3	87	1	79.	4.2	9.4	8.8	14.3	15.0	-.4	-.8	-.13	.90
27	3	87	2	89.	3.8	7.2	6.6	14.4	14.7	-.9	-1.3	-.19	.92
27	3	87	3	80.	3.7	8.4	7.8	15.2	16.0	-1.3	-1.7	-.16	.92
27	3	87	4	83.	3.6	7.8	7.4	17.7	18.2	-1.3	-1.7	-.13	.92
27	3	87	5	93.	4.1	9.2	8.8	16.5	17.4	-1.4	-1.8	-.13	.91
27	3	87	6	76.	3.2	7.4	6.6	13.8	15.0	-1.3	-1.7	-.13	.91
27	3	87	7	60.	2.7	5.8	5.4	14.4	15.7	-1.3	-1.6	-.13	.92
27	3	87	8	58.	2.9	6.0	5.4	14.9	15.1	-1.2	-1.4	-.19	.90
27	3	87	9	166.	3.7	8.0	7.4	13.6	16.9	1.2	.9	-.07	.94
27	3	87	10	177.	5.0	12.0	10.8	13.3	13.8	1.8	1.4	-.10	.94
27	3	87	11	183.	7.2	14.2	14.2	13.3	13.6	2.4	1.9	-.10	.95
27	3	87	12	166.	6.4	14.8	14.4	13.9	14.7	2.4	2.0	-.13	.94
27	3	87	13	160.	6.2	15.2	13.8	14.4	16.0	2.3	1.9	-.13	.94
27	3	87	14	155.	6.4	13.2	12.4	13.9	15.2	2.1	1.7	-.13	.93
27	3	87	15	152.	7.3	13.6	12.8	14.3	14.5	2.0	1.6	-.13	.92
27	3	87	16	149.	7.2	15.2	13.2	14.1	14.1	1.7	1.2	-.10	.92
27	3	87	17	141.	8.0	14.8	14.0	12.7	12.8	1.0	.6	-.10	.92
27	3	87	18	139.	7.5	14.6	13.8	12.9	13.0	.7	.2	-.07	.93
27	3	87	19	128.	6.6	12.8	12.0	11.9	12.7	.9	.5	-.04	.93
27	3	87	20	134.	7.5	14.6	13.4	12.2	12.7	1.6	1.2	-.07	.95
27	3	87	21	136.	8.7	15.4	14.6	12.3	12.3	1.6	1.2	-.04	.95
27	3	87	22	141.	8.9	15.6	15.4	12.2	12.3	1.8	1.3	-.04	.96
27	3	87	23	165.	7.7	15.6	15.0	13.8	16.0	2.5	2.0	-.04	.96
27	3	87	24	172.	7.1	14.2	13.6	14.5	15.3	3.0	2.5	-.07	.95

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	3	87	1	165.	7.1	14.4	13.8	14.8	15.1	2.9	2.4	-.07	.94
28	3	87	2	157.	7.6	15.2	14.4	14.6	16.9	2.5	2.0	-.07	.93
28	3	87	3	159.	6.9	14.6	14.0	14.8	15.1	2.5	2.0	-.07	.94
28	3	87	4	157.	6.6	15.4	14.8	15.3	16.0	2.2	1.7	-.07	.94
28	3	87	5	145.	6.5	13.8	12.6	14.4	14.7	1.6	1.1	-.10	.93
28	3	87	6	145.	5.9	11.0	10.8	13.9	14.3	1.3	.9	-.10	.93
28	3	87	7	131.	5.7	10.6	10.0	13.0	14.7	.3	-.1	-.10	.92
28	3	87	8	136.	5.3	9.2	9.0	11.2	11.6	-.1	-.4	-.07	.92
28	3	87	9	131.	5.3	10.0	9.4	12.0	12.2	-.1	-.5	-.04	.92
28	3	87	10	121.	4.4	7.4	7.2	10.9	11.8	-.1	-.4	-.10	.93
28	3	87	11	124.	4.0	7.0	6.4	10.6	10.8	.1	-.3	-.19	.93
28	3	87	12	115.	3.5	5.6	5.4	9.9	10.4	.2	-.1	-.32	.93
28	3	87	13	112.	3.8	5.6	5.4	7.8	8.3	.4	.0	-.35	.93
28	3	87	14	80.	3.1	5.2	5.0	8.2	12.5	.4	.1	-.32	.94
28	3	87	15	32.	2.3	4.2	4.2	11.3	18.6	.8	.5	-.38	.94
28	3	87	16	10.	3.2	5.4	5.0	9.5	12.6	.5	.2	-.22	.93
28	3	87	17	354.	3.1	5.2	5.0	8.9	10.0	.4	.1	-.19	.93
28	3	87	18	6.	3.1	5.8	5.2	10.9	11.7	.6	.2	-.16	.93
28	3	87	19	8.	3.7	8.8	8.2	11.0	11.3	1.0	.5	-.13	.91
28	3	87	20	314.	2.5	5.6	5.2	11.2	26.2	1.3	.7	-.07	.88
28	3	87	21	329.	4.1	7.0	6.8	6.9	7.8	1.8	1.2	.02	.85
28	3	87	22	302.	2.9	7.2	6.8	9.3	18.9	1.8	1.1	.06	.87
28	3	87	23	302.	2.9	4.4	4.2	4.0	7.6	1.4	.5	.24	.89
28	3	87	24	299.	3.3	4.4	4.4	3.4	7.8	1.4	.5	.33	.88
29	3	87	1	308.	2.8	4.2	4.0	3.1	5.3	1.0	.1	.30	.90
29	3	87	2	312.	2.7	3.8	3.6	3.1	7.8	.5	-.5	.33	.91
29	3	87	3	311.	3.1	4.2	4.0	3.7	9.0	-.1	-1.0	.37	.91
29	3	87	4	304.	3.6	5.2	5.0	2.4	7.2	-.4	-1.3	.58	.91
29	3	87	5	333.	3.6	4.6	4.4	2.0	11.5	-.6	-1.5	.68	.90
29	3	87	6	311.	3.8	5.2	5.0	2.8	9.8	-.6	-1.4	.37	.89
29	3	87	7	321.	3.7	5.0	4.8	3.4	6.3	-1.0	-1.5	.80	.90
29	3	87	8	323.	3.5	5.2	4.8	5.3	7.2	.9	.5	.06	.85
29	3	87	9	319.	3.5	5.6	5.2	7.2	8.0	2.6	2.7	-.32	.80
29	3	87	10	312.	2.9	4.0	3.8	4.7	7.0	4.0	4.4	-.57	.78
29	3	87	11	311.	2.2	3.6	3.4	8.2	10.4	4.9	4.9	-.32	.78
29	3	87	12	311.	2.2	4.2	4.0	8.0	8.4	6.2	6.6	-.69	.75
29	3	87	13	304.	2.3	4.0	3.6	9.2	9.7	8.2	8.7	-.81	.71
29	3	87	14	318.	2.2	5.2	4.8	11.8	12.0	9.6	10.1	-.94	.67
29	3	87	15	316.	3.9	7.2	7.2	11.7	12.0	9.4	9.2	-.50	.63
29	3	87	16	314.	5.2	10.0	9.6	11.2	11.5	9.2	8.8	-.35	.60
29	3	87	17	322.	5.1	9.4	9.2	11.3	11.8	8.1	7.3	-.07	.60
29	3	87	18	322.	5.2	10.0	9.8	11.1	11.3	7.2	6.3	-.01	.61
29	3	87	19	322.	5.1	9.8	8.6	11.1	11.3	6.6	5.7	-.01	.61
29	3	87	20	318.	4.9	9.2	8.8	10.5	10.9	6.1	5.3	-.04	.62
29	3	87	21	330.	5.7	11.6	11.2	10.7	11.0	5.7	5.0	-.04	.62
29	3	87	22	326.	5.7	11.0	10.2	11.5	11.7	5.4	4.6	-.04	.61
29	3	87	23	326.	5.0	10.0	9.4	10.9	11.6	5.0	4.3	-.04	.62
29	3	87	24	321.	4.6	9.0	8.8	10.2	10.6	4.8	4.0	-.04	.60
30	3	87	1	315.	5.2	9.6	8.6	9.8	10.0	4.5	3.8	-.04	.60
30	3	87	2	312.	5.7	10.0	9.6	10.0	10.8	4.1	3.4	-.04	.58
30	3	87	3	316.	5.4	9.6	9.2	11.0	11.8	3.6	2.9	-.07	.58
30	3	87	4	314.	5.2	8.8	8.4	9.5	9.8	3.2	2.5	-.04	.59
30	3	87	5	319.	4.9	8.0	7.8	9.1	9.2	2.8	2.1	-.04	.59
30	3	87	6	312.	4.0	7.0	6.4	9.0	9.2	2.4	1.7	-.04	.60
30	3	87	7	305.	4.7	6.4	6.2	6.4	6.7	2.1	1.7	-.13	.61
30	3	87	8	312.	3.9	6.0	5.6	6.9	7.6	2.5	2.2	-.26	.60
30	3	87	9	308.	4.1	6.6	6.4	7.8	8.3	3.9	4.0	-.60	.59
30	3	87	10	307.	4.2	6.6	6.2	8.3	8.6	5.0	5.1	-.75	.56
30	3	87	11	314.	3.3	5.0	4.8	8.2	8.7	6.3	6.7	-.85	.53
30	3	87	12	319.	2.4	4.4	4.2	11.8	13.7	7.7	8.3	-.85	.50
30	3	87	13	266.	1.1	3.2	3.0	45.3	50.0	10.8	11.2	-1.87	.47
30	3	87	14	188.	3.2	7.6	7.0	32.1	40.4	9.4	9.9	-1.34	.46
30	3	87	15	183.	3.6	7.2	6.6	16.2	17.2	8.3	8.8	-.66	.49
30	3	87	16	156.	3.2	6.4	5.8	14.3	17.4	7.4	7.4	-.32	.51
30	3	87	17	134.	2.3	4.6	4.4	16.8	20.8	6.3	6.1	-.26	.55
30	3	87	18	117.	2.9	4.6	4.6	8.9	15.1	4.6	4.0	-.32	.60
30	3	87	19	118.	3.5	4.4	4.2	3.7	4.7	1.7	1.0	.09	.73
30	3	87	20	118.	3.2	4.4	4.2	3.4	4.4	.7	-.1	.30	.81
30	3	87	21	120.	2.5	3.2	3.0	2.0	6.3	.5	-.5	.33	.83
30	3	87	22	62.	1.0	2.6	2.6	21.5	28.1	.5	-1.3	.30	.85
30	3	87	23	311.	1.1	2.4	2.2	25.4	39.1	.2	-1.4	.24	.86
30	3	87	24	332.	3.0	4.8	4.4	4.4	11.8	-.8	-2.1	.65	.87

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
31	3	87	1	335.	3.9	5.2	5.0	4.9	6.0	-.7	-2.1	1.11	.84
31	3	87	2	326.	2.5	4.0	3.8	6.4	10.9	-1.1	-2.4	.86	.84
31	3	87	3	21.	.9	2.0	1.8	7.6	25.8	-1.2	-3.0	.61	.85
31	3	87	4	351.	1.9	4.2	4.0	7.8	23.7	-1.5	-3.0	1.08	.85
31	3	87	5	330.	2.7	4.4	4.2	5.1	9.7	-2.5	-3.6	.49	.87
31	3	87	6	326.	1.7	3.6	3.4	9.0	12.0	-2.9	-4.1	.46	.87
31	3	87	7	343.	1.5	3.4	3.2	12.8	14.9	-1.7	-2.0	.33	.82
31	3	87	8	8.	1.3	3.6	3.6	9.1	12.7	.3	.9	.02	.73
31	3	87	9	284.	.8	2.2	2.0	21.1	34.2	2.9	3.5	-.66	.69
31	3	87	10	56.	.6	1.6	1.4	39.6	83.1	6.5	6.3	-1.99	.66
31	3	87	11	124.	1.9	4.4	4.2	28.8	37.0	5.6	5.8	-1.19	.70
31	3	87	12	131.	4.4	7.8	7.0	10.1	11.1	2.0	2.2	-.78	.86
31	3	87	13	134.	4.9	7.8	7.2	10.4	11.0	.9	1.1	-.60	.88
31	3	87	14	118.	4.4	7.6	7.4	10.5	11.1	1.0	.9	-.63	.90
31	3	87	15	136.	4.9	8.8	7.4	10.1	11.7	1.1	1.0	-.50	.93
31	3	87	16	138.	4.0	6.4	6.0	11.2	11.6	1.7	1.6	-.50	.93
31	3	87	17	157.	4.1	7.0	6.6	13.0	14.7	.6	.5	-.26	.94
31	3	87	18	169.	4.5	8.4	7.8	12.3	13.7	.0	-.2	-.16	.94
31	3	87	19	179.	4.5	8.8	8.2	12.4	12.9	-.1	-.4	-.10	.93
31	3	87	20	186.	3.9	8.0	7.8	15.3	15.8	.0	-.4	-.10	.92
31	3	87	21	191.	3.7	7.8	7.6	15.5	17.0	.2	-.1	-.10	.93
31	3	87	22	181.	4.0	6.8	6.6	11.1	11.6	.3	-.1	-.10	.92
31	3	87	23	186.	4.0	6.2	5.8	10.5	10.9	.3	-.1	-.10	.92
31	3	87	24	179.	3.2	6.0	5.8	11.6	12.0	.3	.0	-.10	.92
	ANT.99.			0	0	0	0	0	0	0	0	0	0
PROSENT 99.				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
1	4	87	1	181.	3.3	5.8	5.6	11.9	13.0	.4	.0	-.10	.90
1	4	87	2	191.	3.5	5.6	5.4	10.8	12.6	.3	.0	-.10	.90
1	4	87	3	183.	2.8	5.6	5.2	13.3	13.6	.4	.0	-.10	.90
1	4	87	4	149.	2.1	4.4	4.0	14.2	18.7	.3	-.1	-.10	.90
1	4	87	5	152.	2.5	4.6	4.4	13.8	16.6	.1	-.2	-.10	.90
1	4	87	6	156.	2.7	5.4	5.0	13.3	15.6	.3	-.1	-.07	.90
1	4	87	7	145.	3.2	5.6	5.2	13.4	15.3	.4	.0	-.07	.90
1	4	87	8	163.	3.9	6.6	6.2	11.6	13.2	.4	.0	-.07	.90
1	4	87	9	152.	3.4	6.6	6.4	13.9	14.6	.4	.1	-.10	.91
1	4	87	10	152.	3.7	6.0	5.8	11.9	12.1	.4	.1	-.10	.91
1	4	87	11	152.	3.3	5.2	5.0	13.0	13.2	.6	.4	-.13	.91
1	4	87	12	138.	3.3	6.0	5.8	12.5	12.8	.6	.3	-.13	.91
1	4	87	13	128.	3.5	6.4	6.0	12.3	14.5	.5	.3	-.16	.91
1	4	87	14	131.	3.8	6.0	5.6	10.7	11.3	.3	.1	-.19	.91
1	4	87	15	128.	3.5	5.6	5.4	11.1	11.7	.3	.0	-.19	.90
1	4	87	16	121.	2.6	4.4	4.2	10.5	11.7	.2	.0	-.26	.90
1	4	87	17	111.	1.5	2.8	2.6	15.1	17.4	.1	-.1	-.22	.90
1	4	87	18	80.	1.9	4.0	3.8	15.4	19.8	.0	-.3	-.26	.89
1	4	87	19	94.	1.8	4.0	3.8	16.7	20.7	-.4	-.7	-.16	.84
1	4	87	20	326.	.6	1.6	1.4	41.8	78.5	-.7	-1.2	-.19	.86
1	4	87	21	330.	2.0	3.4	3.4	5.3	11.8	-.8	-1.6	.02	.86
1	4	87	22	342.	3.4	6.2	5.6	6.9	7.4	-.8	-1.5	-.01	.86
1	4	87	23	344.	4.1	6.6	6.2	8.4	9.0	-.9	-1.4	-.07	.85
1	4	87	24	330.	3.3	6.0	5.4	9.0	9.5	-1.1	-1.7	.02	.83
2	4	87	1	347.	2.4	4.8	4.4	11.2	17.2	-.8	-1.8	.30	.84
2	4	87	2	45.	2.3	7.4	6.6	22.1	26.1	.5	-.4	.43	.80
2	4	87	3	32.	1.9	5.0	4.6	25.1	27.8	1.4	.7	.02	.77
2	4	87	4	53.	2.9	7.6	7.4	23.4	24.1	1.4	.9	-.07	.77
2	4	87	5	59.	4.5	8.6	8.2	14.7	14.9	.9	.5	-.10	.82
2	4	87	6	55.	4.7	9.4	9.0	13.6	13.8	.3	-.1	-.10	.88
2	4	87	7	67.	4.1	8.2	7.6	14.1	14.6	.1	-.3	-.13	.88
2	4	87	8	72.	3.9	7.4	6.8	13.7	14.3	.0	-.3	-.22	.89
2	4	87	9	73.	4.0	8.6	7.8	14.3	14.4	.1	-.2	-.26	.88
2	4	87	10	82.	3.7	7.6	7.0	16.5	16.9	.3	.0	-.32	.88
2	4	87	11	63.	4.7	9.2	9.0	16.3	16.9	.6	.2	-.26	.87
2	4	87	12	67.	5.4	9.6	9.0	14.7	14.9	.6	.2	-.22	.88
2	4	87	13	62.	5.1	9.6	9.2	13.1	13.7	.6	.3	-.26	.88
2	4	87	14	62.	4.0	8.0	7.4	14.7	15.2	.9	.6	-.29	.88
2	4	87	15	56.	4.3	8.6	8.2	17.3	17.7	1.0	.6	-.19	.88
2	4	87	16	69.	4.6	11.0	10.2	16.0	16.5	1.4	1.0	-.16	.87
2	4	87	17	58.	5.2	10.6	10.0	15.3	15.4	1.6	1.2	-.13	.86
2	4	87	18	56.	5.2	10.4	9.8	14.2	14.5	1.8	1.4	-.13	.84
2	4	87	19	55.	4.9	10.8	10.2	17.4	17.4	2.0	1.6	-.10	.82
2	4	87	20	39.	4.0	8.4	8.2	19.3	20.1	2.1	1.6	-.07	.81
2	4	87	21	42.	4.6	10.4	9.4	17.5	17.7	2.2	1.7	-.07	.80
2	4	87	22	58.	3.9	9.8	9.4	20.6	22.7	2.3	1.8	-.04	.79
2	4	87	23	52.	4.2	9.4	8.4	15.9	16.3	2.1	1.6	-.04	.79
2	4	87	24	39.	4.2	10.4	10.2	18.4	19.9	2.0	1.4	-.04	.75
3	4	87	1	37.	4.8	10.8	10.2	18.1	18.2	1.9	1.3	-.04	.73
3	4	87	2	55.	5.9	13.4	11.8	16.2	17.0	1.8	1.3	-.07	.71
3	4	87	3	41.	6.6	13.4	12.8	16.8	16.9	1.5	1.0	-.04	.70
3	4	87	4	41.	6.2	11.2	11.0	15.3	15.5	1.3	.7	-.04	.70
3	4	87	5	45.	6.3	12.4	11.8	15.5	15.7	1.1	.6	-.04	.69
3	4	87	6	38.	6.5	11.6	10.8	14.6	14.9	.9	.4	-.04	.70
3	4	87	7	42.	5.3	12.0	11.2	18.7	19.1	1.2	.9	-.16	.69
3	4	87	8	38.	4.9	11.0	10.4	19.1	19.4	2.0	1.8	-.35	.69
3	4	87	9	35.	5.8	11.4	10.8	18.8	19.1	2.5	2.4	-.38	.68
3	4	87	10	38.	5.8	12.6	11.8	17.4	17.6	3.7	3.7	-.57	.66
3	4	87	11	44.	5.2	11.4	10.6	22.6	22.8	4.7	4.7	-.63	.64
3	4	87	12	63.	6.3	12.4	12.0	18.2	18.8	6.1	6.0	-.81	.60
3	4	87	13	63.	6.7	14.4	13.0	16.6	16.8	6.6	6.4	-.81	.59
3	4	87	14	56.	5.3	10.8	10.6	18.8	19.1	7.1	7.0	-.69	.58
3	4	87	15	30.	4.8	11.4	10.0	19.0	20.9	7.4	7.3	-.50	.57
3	4	87	16	55.	3.9	10.4	9.8	20.3	21.6	8.2	8.1	-.53	.55
3	4	87	17	58.	4.3	8.8	8.2	17.8	18.1	8.4	8.0	-.44	.53
3	4	87	18	69.	4.9	11.2	10.8	15.0	15.4	7.9	7.3	-.22	.52
3	4	87	19	65.	4.8	9.8	9.0	13.2	13.7	6.8	6.1	-.01	.53
3	4	87	20	66.	5.4	10.4	10.0	14.1	15.1	5.9	5.2	-.01	.55
3	4	87	21	69.	5.4	10.6	9.8	12.7	13.0	5.5	4.9	-.01	.55
3	4	87	22	60.	4.7	9.0	8.4	13.2	13.7	5.2	4.6	-.04	.56
3	4	87	23	58.	4.5	9.6	9.2	15.1	15.3	4.9	4.3	-.07	.59
3	4	87	24	53.	4.6	9.0	8.2	16.5	16.6	4.5	3.9	-.07	.61

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	4	87	1	42.	4.3	8.2	7.8	16.6	17.4	4.0	3.4	-.07	.63
4	4	87	2	35.	4.8	10.2	9.4	15.1	15.2	3.5	2.9	-.04	.66
4	4	87	3	7.	3.9	10.2	9.4	15.0	18.7	3.1	2.5	-.04	.68
4	4	87	4	34.	2.9	7.2	7.0	18.4	20.0	2.9	2.1	-.04	.71
4	4	87	5	38.	5.3	9.6	9.2	14.1	14.2	3.2	2.6	-.01	.70
4	4	87	6	41.	5.0	9.6	9.0	12.1	12.3	2.8	2.2	-.01	.71
4	4	87	7	44.	5.1	10.4	10.2	14.0	14.5	3.2	2.9	-.13	.71
4	4	87	8	45.	5.4	10.6	10.2	15.8	16.0	4.0	3.8	-.38	.70
4	4	87	9	37.	4.8	9.8	9.4	16.7	17.6	4.8	4.8	-.47	.69
4	4	87	10	31.	5.6	10.2	9.6	14.0	14.5	5.8	5.8	-.60	.68
4	4	87	11	30.	5.2	9.0	8.4	13.6	13.9	6.9	7.0	-.69	.67
4	4	87	12	48.	4.1	9.2	8.8	17.4	18.5	8.1	8.2	-.72	.67
4	4	87	13	34.	4.5	9.2	8.4	21.0	25.5	8.6	8.6	-.81	.67
4	4	87	14	42.	4.1	8.8	8.0	20.1	22.8	9.2	9.3	-.85	.64
4	4	87	15	56.	4.3	10.8	10.4	19.1	20.9	9.4	9.4	-.72	.62
4	4	87	16	51.	4.7	10.6	9.2	19.2	20.2	9.5	9.3	-.57	.62
4	4	87	17	38.	4.4	10.4	9.6	18.9	20.1	9.5	9.2	-.41	.62
4	4	87	18	48.	3.5	8.8	8.6	17.0	17.2	9.0	8.6	-.26	.62
4	4	87	19	60.	3.3	7.0	6.4	15.3	18.0	7.9	7.1	-.01	.63
4	4	87	20	62.	3.3	6.0	5.4	11.5	12.0	7.1	6.2	.18	.62
4	4	87	21	66.	3.0	6.0	5.6	13.1	14.5	6.6	5.7	.15	.61
4	4	87	22	51.	4.0	7.8	7.4	11.6	12.4	6.3	5.5	.15	.60
4	4	87	23	48.	3.5	6.6	6.2	14.3	14.5	6.0	5.1	.15	.62
4	4	87	24	46.	2.9	6.2	5.6	13.7	14.7	5.4	4.5	.15	.64
5	4	87	1	7.	2.5	4.4	4.0	8.2	15.5	4.0	2.4	.24	.69
5	4	87	2	17.	3.1	5.2	5.0	6.9	7.8	3.3	1.8	.27	.72
5	4	87	3	3.	3.6	5.4	5.2	5.8	6.7	2.7	1.2	.24	.73
5	4	87	4	1.	3.8	6.4	6.0	7.3	8.0	2.3	1.1	.21	.74
5	4	87	5	1.	3.3	6.4	5.8	9.1	9.5	2.0	1.0	.09	.74
5	4	87	6	347.	3.0	5.4	5.2	7.6	8.6	1.6	.6	.09	.75
5	4	87	7	1.	2.6	5.4	5.2	7.7	9.2	2.1	1.4	.30	.77
5	4	87	8	7.	2.9	5.4	4.8	10.7	11.2	3.8	3.6	-.10	.73
5	4	87	9	30.	3.0	5.8	5.4	16.8	19.0	5.3	5.5	-.32	.71
5	4	87	10	32.	3.8	7.8	7.6	15.7	16.5	6.7	6.9	-.75	.68
5	4	87	11	51.	3.1	6.4	6.0	17.7	18.4	8.3	8.6	-1.00	.64
5	4	87	12	11.	2.4	5.8	5.6	25.0	27.6	9.3	9.8	-.66	.60
5	4	87	13	22.	3.0	5.8	5.6	20.2	22.0	10.0	10.2	-.81	.55
5	4	87	14	25.	2.3	5.2	4.6	24.1	25.9	11.0	11.5	-.78	.52
5	4	87	15	37.	2.9	6.4	6.2	29.8	30.5	11.5	11.8	-.78	.47
5	4	87	16	35.	2.8	5.4	5.2	20.9	21.9	11.5	11.6	-.53	.44
5	4	87	17	34.	2.2	5.4	5.2	16.7	18.1	11.8	11.8	-.57	.44
5	4	87	18	97.	.8	2.2	2.0	22.8	32.0	11.8	12.0	-.57	.45
5	4	87	19	63.	.4	1.0	.8	9.3	16.0	10.7	9.2	-.53	.46
5	4	87	20	301.	.6	2.0	2.0	9.1	42.2	8.7	6.6	.21	.50
5	4	87	21	335.	2.6	4.0	3.8	2.4	11.3	5.8	3.8	1.83	.60
5	4	87	22	342.	4.2	7.4	7.0	5.1	5.6	5.2	3.9	.55	.65
5	4	87	23	311.	3.7	6.2	6.0	4.4	10.9	3.8	1.9	.77	.72
5	4	87	24	333.	3.7	5.4	5.0	6.3	8.0	2.3	.8	.71	.76
6	4	87	1	335.	4.3	6.4	5.8	5.8	7.7	2.4	1.1	.55	.74
6	4	87	2	322.	3.6	5.0	4.8	3.7	6.7	2.3	.9	.43	.73
6	4	87	3	333.	3.8	5.8	5.4	5.4	6.1	1.9	.7	.24	.71
6	4	87	4	333.	3.9	5.4	5.0	3.1	4.7	1.7	.3	.80	.72
6	4	87	5	344.	3.1	5.0	4.8	4.4	8.0	1.4	-.3	.86	.75
6	4	87	6	325.	2.9	4.4	4.2	4.4	8.1	.6	-.9	.89	.78
6	4	87	7	312.	3.1	4.2	4.2	6.3	12.5	1.3	.8	.86	.73
6	4	87	8	351.	1.8	3.6	3.4	7.6	15.7	3.6	3.7	.12	.68
6	4	87	9	329.	1.4	2.8	2.6	14.5	19.2	4.7	5.1	.30	.67
6	4	87	10	53.	1.4	4.4	3.8	45.8	59.0	6.9	7.1	-.41	.65
6	4	87	11	108.	1.8	4.6	4.2	26.1	32.8	8.1	8.5	-1.06	.63
6	4	87	12	307.	.8	2.6	2.4	61.0	94.0	9.5	9.9	-.81	.62
6	4	87	13	186.	1.7	3.6	3.4	24.3	28.4	9.3	9.8	-1.25	.61
6	4	87	14	177.	1.0	3.4	3.2	57.3	80.0	12.0	12.9	-1.16	.59
6	4	87	15	183.	2.6	4.8	4.6	14.9	17.3	9.9	10.6	-.66	.61
6	4	87	16	173.	2.6	4.8	4.6	18.3	19.4	9.8	10.5	-.72	.63
6	4	87	17	112.	3.6	6.8	6.2	14.1	27.6	6.6	6.3	-.35	.70
6	4	87	18	124.	4.0	6.0	5.8	9.3	9.7	3.2	2.7	-.26	.83
6	4	87	19	121.	3.5	6.2	6.0	9.9	10.2	2.1	1.5	-.13	.89
6	4	87	20	112.	2.7	4.4	4.2	8.6	11.8	1.6	.9	-.01	.90
6	4	87	21	37.	1.5	2.4	2.2	8.4	30.5	1.6	-.1	.06	.90
6	4	87	22	318.	.8	2.0	2.0	8.8	23.7	1.4	-.2	.02	.90
6	4	87	23	346.	1.9	3.2	3.0	5.1	25.0	.1	-.9	.49	.90
6	4	87	24	359.	1.4	2.2	2.0	6.0	13.6	.5	-1.2	.43	.88

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	4	87	1	304.	1.6	3.2	2.8	12.0	21.0	-.2	-1.6	.71	.88
7	4	87	2	297.	1.4	2.8	2.6	8.4	16.1	-.6	-2.1	.52	.88
7	4	87	3	332.	1.9	2.8	2.8	4.2	7.6	-1.0	-2.3	.77	.87
7	4	87	4	339.	2.1	4.2	4.0	7.3	11.7	-1.2	-2.5	.77	.87
7	4	87	5	336.	2.2	3.4	3.4	6.6	11.5	-1.5	-2.7	.55	.86
7	4	87	6	314.	2.1	3.2	3.0	6.9	13.8	-1.3	-2.5	.43	.84
7	4	87	7	316.	1.9	2.8	2.4	7.4	14.4	-1.1	-1.5	.18	.87
7	4	87	8	329.	1.4	2.8	2.6	14.6	23.7	2.0	2.2	-.44	.77
7	4	87	9	276.	.8	2.0	1.8	23.7	31.8	5.6	5.4	-1.28	.69
7	4	87	10	247.	.6	1.8	1.6	33.7	37.8	8.7	8.1	-1.99	.64
7	4	87	11	278.	1.0	2.2	2.2	26.2	28.8	9.2	9.4	-2.03	.62
7	4	87	12	117.	1.6	3.6	3.6	33.0	52.0	9.7	10.0	-1.56	.59
7	4	87	13	128.	2.6	4.6	4.2	11.8	13.2	8.5	8.7	-.75	.61
7	4	87	14	131.	3.0	5.2	5.0	11.9	13.7	7.3	7.5	-.66	.66
7	4	87	15	127.	3.5	5.2	5.0	9.2	9.7	6.0	6.0	-.60	.73
7	4	87	16	124.	3.4	5.2	5.0	10.1	11.0	2.9	2.8	-.53	.90
7	4	87	17	129.	2.5	4.6	4.4	9.4	10.4	2.4	2.2	-.41	.90
7	4	87	18	136.	2.2	3.2	3.2	7.2	10.9	3.0	2.6	-.26	.87
7	4	87	19	141.	2.8	4.8	4.4	8.9	10.4	.9	.5	-.22	.91
7	4	87	20	122.	2.7	4.6	4.4	11.5	13.0	.4	.0	-.13	.91
7	4	87	21	112.	2.1	4.2	4.0	11.9	17.4	.4	-.1	-.16	.91
7	4	87	22	75.	1.3	2.6	2.4	20.2	25.2	.1	-.4	-.22	.91
7	4	87	23	110.	1.1	2.6	2.4	20.5	25.5	-.1	-.6	-.22	.90
7	4	87	24	45.	1.3	2.6	2.2	19.3	42.7	-.2	-.7	-.16	.90
8	4	87	1	65.	1.3	2.6	2.6	18.3	22.0	-.4	-1.0	-.19	.90
8	4	87	2	46.	1.4	3.6	3.4	25.2	27.1	-.5	-1.1	-.22	.89
8	4	87	3	62.	2.2	7.6	7.0	18.2	18.6	-.5	-1.1	-.22	.89
8	4	87	4	34.	2.7	7.0	6.6	20.8	23.6	-.8	-1.3	-.19	.89
8	4	87	5	3.	2.9	5.4	5.0	13.3	16.0	-.7	-1.4	-.10	.85
8	4	87	6	329.	2.5	4.6	4.2	12.0	16.5	.1	-.4	-.01	.80
8	4	87	7	8.	2.3	4.4	4.0	10.7	15.3	1.6	1.2	.18	.75
8	4	87	8	39.	3.3	8.4	7.6	16.6	22.1	3.4	3.1	-.19	.63
8	4	87	9	60.	5.3	10.8	10.4	17.4	17.9	4.2	4.0	-.47	.60
8	4	87	10	55.	5.2	11.8	11.2	17.8	18.1	4.9	4.8	-.72	.59
8	4	87	11	55.	5.6	11.4	10.6	18.3	18.9	5.3	5.3	-.78	.57
8	4	87	12	53.	4.9	10.4	9.8	20.2	21.3	6.0	6.1	-.78	.58
8	4	87	13	42.	4.4	9.6	8.8	21.6	23.1	6.7	6.8	-.88	.56
8	4	87	14	70.	4.0	8.4	7.8	21.2	24.6	7.1	7.2	-.78	.54
8	4	87	15	82.	4.2	8.8	8.0	18.6	19.8	7.4	7.2	-.91	.54
8	4	87	16	73.	4.6	8.6	8.0	16.6	19.0	7.3	7.1	-.75	.54
8	4	87	17	65.	4.4	8.4	8.0	15.3	17.2	7.0	6.8	-.66	.53
8	4	87	18	66.	4.0	8.0	7.6	14.0	14.8	6.4	6.1	-.47	.54
8	4	87	19	93.	3.6	8.0	7.6	12.6	14.7	5.3	4.7	-.16	.55
8	4	87	20	93.	3.8	8.2	7.8	12.0	12.2	3.8	3.1	-.04	.61
8	4	87	21	96.	3.3	6.2	5.8	10.0	10.3	2.7	2.0	.02	.65
8	4	87	22	101.	3.0	5.8	5.2	12.8	13.3	1.9	1.2	-.04	.67
8	4	87	23	84.	2.9	7.8	7.0	12.7	14.5	1.4	.8	-.04	.68
8	4	87	24	76.	3.9	8.6	8.2	15.1	15.5	1.2	.8	-.10	.68
9	4	87	1	62.	3.6	8.4	7.8	16.0	17.0	.7	.3	-.13	.69
9	4	87	2	66.	3.5	6.6	6.2	15.8	16.2	.3	-.1	-.13	.71
9	4	87	3	56.	4.1	8.4	7.8	16.0	17.0	-.2	-.6	-.13	.74
9	4	87	4	67.	5.0	8.8	8.4	14.9	15.8	-.7	-1.1	-.13	.74
9	4	87	5	60.	4.2	8.2	7.6	16.8	17.0	-1.6	-1.9	-.16	.78
9	4	87	6	48.	5.4	9.6	9.2	14.4	14.8	-1.9	-2.2	-.16	.79
9	4	87	7	51.	4.8	8.6	8.0	13.6	14.0	-1.9	-2.3	-.19	.79
9	4	87	8	58.	4.4	9.6	8.8	13.6	14.1	-1.9	-2.2	-.22	.81
9	4	87	9	62.	4.1	8.4	7.4	14.8	15.2	-1.5	-1.8	-.29	.79
9	4	87	10	56.	5.0	8.6	8.4	13.8	14.1	-1.8	-2.1	-.29	.81
9	4	87	11	58.	4.6	8.4	7.8	15.3	15.5	-1.0	-1.3	-.38	.75
9	4	87	12	62.	5.1	10.0	9.4	15.5	15.7	-.5	-.8	-.35	.72
9	4	87	13	75.	3.7	8.6	8.0	17.0	17.3	.0	-.3	-.32	.70
9	4	87	14	79.	3.6	8.2	8.0	15.8	16.2	.3	.0	-.38	.69
9	4	87	15	75.	3.3	7.2	6.8	17.7	19.1	.5	.2	-.35	.69
9	4	87	16	97.	3.6	8.8	8.0	14.6	15.1	.5	.2	-.26	.69
9	4	87	17	96.	3.1	7.4	7.0	14.3	15.1	-.5	-.9	-.29	.84
9	4	87	18	56.	2.0	4.4	4.2	17.2	22.2	-.8	-1.1	-.26	.86
9	4	87	19	56.	3.1	6.2	5.8	14.5	14.6	-1.1	-1.4	-.16	.85
9	4	87	20	34.	2.4	5.4	5.4	19.3	21.4	-1.1	-1.5	-.13	.85
9	4	87	21	28.	1.9	5.4	5.0	16.8	19.3	-.9	-1.3	-.10	.84
9	4	87	22	359.	2.1	4.8	4.4	13.2	16.1	-.8	-1.2	-.10	.83
9	4	87	23	347.	3.2	5.8	5.6	8.6	12.1	-.4	-.9	-.07	.77
9	4	87	24	37.	2.5	5.0	4.8	9.5	19.4	-.5	-1.0	-.10	.79

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	4	87	1	15.	2.5	5.6	5.2	12.1	13.3	-1.3	-1.7	-.13	.87
10	4	87	2	20.	2.9	5.8	5.6	12.3	13.0	-1.3	-1.6	-.13	.89
10	4	87	3	11.	3.0	5.8	5.6	10.7	11.6	-1.3	-1.7	-.13	.90
10	4	87	4	32.	3.7	6.2	5.8	10.2	12.0	-1.3	-1.7	-.10	.88
10	4	87	5	31.	3.0	6.6	6.2	13.8	13.8	-1.3	-1.6	-.13	.88
10	4	87	6	34.	3.2	6.0	5.4	12.2	12.4	-1.2	-1.5	-.13	.88
10	4	87	7	34.	3.1	5.2	5.2	13.6	13.8	-1.3	-1.6	-.19	.89
10	4	87	8	20.	2.2	5.0	4.6	17.0	18.0	-1.1	-1.4	-.26	.88
10	4	87	9	44.	2.0	4.0	3.8	18.2	19.3	-1.0	-1.1	-.29	.88
10	4	87	10	24.	2.3	4.0	3.8	15.8	16.7	-.5	-.5	-.41	.86
10	4	87	11	34.	2.2	5.6	5.2	17.2	18.9	-.4	-.5	-.38	.86
10	4	87	12	34.	3.1	6.0	5.8	14.1	14.3	-.4	-.6	-.41	.87
10	4	87	13	35.	2.4	5.0	4.8	16.4	16.5	-.4	-.5	-.35	.89
10	4	87	14	35.	2.2	4.4	4.2	14.5	14.5	-.1	-.2	-.35	.89
10	4	87	15	39.	2.1	4.6	4.6	20.4	20.8	.2	.0	-.32	.89
10	4	87	16	48.	1.9	5.0	4.6	19.6	20.1	.3	.1	-.29	.90
10	4	87	17	30.	2.1	5.0	4.6	18.7	19.6	.3	.0	-.19	.91
10	4	87	18	21.	1.5	4.2	4.0	27.6	29.3	.3	.0	-.13	.91
10	4	87	19	42.	1.5	5.0	4.8	24.4	26.2	.4	.0	-.10	.92
10	4	87	20	46.	2.5	6.2	5.8	20.4	20.6	.5	.1	-.04	.92
10	4	87	21	53.	3.5	7.0	6.6	13.7	14.0	.6	.2	-.04	.92
10	4	87	22	75.	3.1	5.6	5.4	13.3	14.7	.7	.3	-.04	.92
10	4	87	23	66.	2.9	5.6	5.4	12.4	12.8	.8	.4	-.07	.93
10	4	87	24	66.	3.6	6.6	6.4	11.4	11.9	.7	.3	-.07	.92
11	4	87	1	79.	2.6	5.4	5.2	13.3	14.0	.6	.2	-.10	.92
11	4	87	2	55.	2.8	6.2	5.8	11.6	20.2	.4	.0	-.07	.92
11	4	87	3	55.	2.8	5.0	4.8	13.1	13.3	.4	.0	-.07	.91
11	4	87	4	51.	2.8	5.4	5.0	14.7	15.2	.3	-.1	-.07	.91
11	4	87	5	34.	2.3	4.8	4.6	14.7	16.2	.3	-.1	-.07	.91
11	4	87	6	7.	2.2	3.8	3.6	11.8	15.7	.4	.0	-.10	.91
11	4	87	7	18.	2.8	4.8	4.8	10.6	11.5	.4	.0	-.10	.90
11	4	87	8	31.	2.6	4.6	4.2	11.9	12.7	.6	.3	-.16	.89
11	4	87	9	41.	2.6	5.8	5.6	14.1	14.8	.8	.5	-.19	.88
11	4	87	10	52.	2.8	7.2	6.6	18.0	18.6	1.1	.8	-.26	.87
11	4	87	11	59.	3.7	8.0	7.6	15.8	16.1	1.3	1.0	-.32	.85
11	4	87	12	42.	3.8	8.0	7.2	17.5	18.5	1.4	1.1	-.35	.85
11	4	87	13	42.	3.3	7.2	7.0	16.9	18.2	1.3	1.0	-.32	.86
11	4	87	14	34.	3.2	6.4	6.0	18.5	19.3	1.1	.8	-.22	.87
11	4	87	15	41.	2.7	5.6	5.4	16.2	17.2	1.2	.9	-.22	.87
11	4	87	16	41.	3.1	7.0	6.6	17.7	18.3	1.2	.8	-.19	.87
11	4	87	17	34.	2.1	5.8	5.4	20.0	21.0	1.2	.8	-.16	.87
11	4	87	18	32.	2.5	5.8	5.4	15.3	15.7	1.1	.7	-.13	.87
11	4	87	19	35.	2.8	6.4	5.8	16.7	17.9	1.1	.7	-.13	.87
11	4	87	20	22.	2.3	5.8	5.4	15.6	17.1	1.1	.7	-.10	.88
11	4	87	21	3.	1.7	3.8	3.4	16.4	18.7	1.1	.7	-.10	.87
11	4	87	22	20.	1.9	5.0	4.8	14.9	16.3	1.0	.6	-.10	.89
11	4	87	23	11.	2.5	5.2	4.6	13.5	14.0	1.1	.7	-.10	.88
11	4	87	24	4.	2.3	4.8	4.6	15.1	15.9	1.2	.7	-.10	.87
12	4	87	1	359.	2.6	5.8	5.6	13.5	14.3	1.3	.8	-.10	.86
12	4	87	2	4.	2.3	4.4	4.2	12.3	15.7	1.4	.9	-.07	.86
12	4	87	3	359.	2.1	4.0	3.8	9.3	10.2	1.4	.9	-.07	.86
12	4	87	4	343.	1.4	3.4	3.2	12.1	13.6	1.3	.8	-.01	.87
12	4	87	5	354.	1.8	3.8	3.6	9.1	11.3	1.3	.5	.06	.88
12	4	87	6	351.	1.7	3.0	2.8	7.8	14.3	.9	.2	.18	.90
12	4	87	7	329.	.9	2.2	2.0	12.9	24.3	1.2	.8	.37	.90
12	4	87	8	297.	1.2	2.0	2.0	9.2	13.3	3.2	3.3	-.50	.82
12	4	87	9	302.	.7	1.8	1.6	28.7	33.7	5.9	6.6	-.94	.74
12	4	87	10	351.	1.8	4.6	4.2	24.5	35.4	6.2	6.6	-1.16	.74
12	4	87	11	20.	2.7	6.2	5.8	20.9	24.0	6.7	7.1	-.69	.71
12	4	87	12	350.	2.7	6.0	5.6	22.1	24.2	7.1	7.4	-.47	.67
12	4	87	13	6.	2.1	4.4	4.4	27.2	29.5	7.7	8.1	-.41	.65
12	4	87	14	290.	1.4	4.0	3.8	28.0	44.7	7.6	7.6	-.60	.65
12	4	87	15	342.	1.7	3.6	3.4	34.8	37.9	9.2	9.8	-1.47	.61
12	4	87	16	120.	2.4	4.8	4.6	20.8	21.8	6.6	6.2	-.69	.79
12	4	87	17	128.	2.7	4.6	4.2	10.8	11.8	5.8	5.5	-.44	.81
12	4	87	18	153.	2.2	4.2	3.8	11.9	16.2	5.3	5.3	-.26	.79
12	4	87	19	160.	2.1	3.6	3.4	11.2	12.5	4.2	3.7	-.10	.80
12	4	87	20	180.	1.6	3.8	3.6	11.2	13.8	3.1	2.0	.06	.84
12	4	87	21	174.	1.0	2.0	1.8	11.3	15.8	2.4	.7	.30	.89
12	4	87	22	284.	.9	2.0	2.0	14.4	35.1	2.1	.3	.40	.89
12	4	87	23	357.	1.9	3.2	3.0	6.0	16.9	1.6	-.2	.52	.89
12	4	87	24	347.	1.0	2.4	2.2	4.0	7.2	1.1	-.5	.74	.90

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	4	87	1	323.	2.1	3.0	2.8	5.3	7.2	-.5	-1.6	1.30	.90
13	4	87	2	304.	1.8	2.6	2.6	5.8	13.4	-1.2	-2.2	.61	.89
13	4	87	3	340.	.9	1.8	1.6	8.1	21.6	-1.3	-2.4	.52	.89
13	4	87	4	330.	.6	1.8	1.6	8.1	13.2	-1.4	-2.7	.71	.88
13	4	87	5	295.	1.2	2.2	2.2	5.4	11.2	-2.3	-3.0	.86	.87
13	4	87	6	128.	.4	1.4	1.2	47.0	94.8	-2.0	-2.6	.33	.88
13	4	87	7	115.	.6	1.8	1.6	36.3	41.5	-1.5	-1.8	-.13	.89
13	4	87	8	139.	.3	1.6	1.4	54.8	62.9	-.9	-1.2	.12	.90
13	4	87	9	107.	.8	2.0	1.6	21.7	24.8	.4	.2	-.38	.91
13	4	87	10	153.	1.3	4.2	3.8	19.7	22.6	2.6	3.0	-.85	.84
13	4	87	11	176.	2.9	5.6	5.4	16.6	20.6	2.9	3.3	-.50	.83
13	4	87	12	181.	2.7	5.2	4.8	15.1	16.3	2.0	2.0	-.32	.90
13	4	87	13	169.	2.9	5.8	5.2	14.7	16.1	2.8	2.9	-.29	.86
13	4	87	14	162.	3.9	7.2	6.8	15.2	17.7	3.1	3.1	-.32	.84
13	4	87	15	169.	3.7	6.6	6.4	16.3	18.5	2.5	2.5	-.29	.85
13	4	87	16	177.	2.8	5.2	5.0	15.4	17.7	2.1	2.0	-.22	.87
13	4	87	17	152.	2.2	4.2	4.0	17.3	20.5	2.0	1.8	-.19	.88
13	4	87	18	169.	2.2	4.4	4.0	13.1	15.7	1.6	1.3	-.19	.90
13	4	87	19	149.	1.8	3.0	2.8	11.5	14.2	1.0	.7	-.19	.92
13	4	87	20	110.	1.2	2.6	2.4	13.4	18.3	.5	.2	-.13	.92
13	4	87	21	122.	.9	2.0	2.0	18.1	21.6	.3	-.1	-.13	.92
13	4	87	22	30.	.4	1.2	1.0	28.0	32.1	.2	-.2	-.13	.91
13	4	87	23	273.	.7	1.8	1.6	47.8	59.7	.2	-.2	-.10	.91
13	4	87	24	299.	1.3	2.6	2.4	13.1	14.5	.2	-.1	-.10	.91
14	4	87	1	299.	1.8	3.2	3.0	8.7	11.1	.1	-.2	-.13	.91
14	4	87	2	302.	1.1	2.2	2.2	13.0	16.2	-.2	-.5	-.13	.90
14	4	87	3	328.	1.2	2.4	2.2	13.2	16.5	-.4	-.7	-.13	.90
14	4	87	4	312.	1.2	2.4	2.2	11.0	15.3	-.8	-1.1	-.13	.90
14	4	87	5	326.	1.6	3.6	3.6	12.5	14.4	-.9	-1.2	-.13	.89
14	4	87	6	323.	1.4	2.4	2.2	10.3	12.2	-.6	-.9	-.10	.90
14	4	87	7	330.	.9	2.2	2.0	10.7	18.3	.2	-.1	-.10	.91
14	4	87	8	311.	1.1	2.8	2.8	22.4	32.6	2.5	2.6	-.44	.92
14	4	87	9	174.	.2	1.2	1.0	56.2	102.7	8.6	8.3	-.91	.79
14	4	87	10	114.	1.7	3.8	3.6	13.6	17.7	6.6	6.6	-.97	.81
14	4	87	11	122.	2.7	4.4	4.0	11.2	11.3	4.7	4.7	-.78	.86
14	4	87	12	129.	3.0	5.0	4.8	10.0	10.4	4.7	4.7	-.66	.85
14	4	87	13	128.	2.7	4.4	4.2	10.2	12.2	5.8	6.1	-.60	.83
14	4	87	14	118.	3.3	5.4	5.0	10.5	11.8	4.1	3.9	-.63	.88
14	4	87	15	115.	3.1	5.4	5.0	10.0	10.8	3.3	3.2	-.60	.93
14	4	87	16	121.	3.9	6.2	5.8	8.9	9.2	2.6	2.3	-.47	.94
14	4	87	17	121.	4.5	7.0	6.8	10.2	10.4	1.4	1.1	-.29	.93
14	4	87	18	148.	3.3	5.8	5.4	13.0	15.1	1.5	1.2	-.10	.93
14	4	87	19	138.	2.4	4.8	4.6	12.3	12.6	1.9	1.5	-.07	.93
14	4	87	20	148.	2.5	4.8	4.6	11.6	13.3	1.9	1.5	-.04	.93
14	4	87	21	135.	2.4	4.0	4.0	10.7	12.2	1.7	1.3	-.07	.93
14	4	87	22	115.	2.2	4.0	3.8	11.8	12.6	1.4	1.0	-.07	.92
14	4	87	23	125.	3.5	5.6	5.4	8.3	9.1	1.3	.9	-.07	.92
14	4	87	24	131.	2.8	5.8	5.4	10.1	12.4	1.4	.9	-.04	.92
15	4	87	1	117.	2.5	4.6	4.2	9.8	12.9	1.4	.9	-.01	.92
15	4	87	2	120.	2.6	4.6	4.2	7.6	8.7	1.6	1.0	-.01	.92
15	4	87	3	139.	1.4	2.6	2.4	9.2	13.5	1.7	1.2	-.04	.92
15	4	87	4	269.	.6	1.6	1.4	27.6	56.6	1.6	1.1	-.07	.92
15	4	87	5	138.	.2	1.6	1.4	85.0	119.4	1.4	.8	-.07	.92
15	4	87	6	266.	.4	1.6	1.4	57.4	67.7	1.3	.8	-.16	.92
15	4	87	7	60.	.7	2.6	2.2	42.6	63.4	1.4	1.1	-.26	.92
15	4	87	8	142.	1.1	3.2	3.0	29.2	35.5	2.5	2.2	-.19	.94
15	4	87	9	195.	3.1	6.4	6.0	13.4	16.5	5.0	4.6	.02	.93
15	4	87	10	188.	2.7	6.4	5.8	17.0	17.4	6.3	6.1	-.29	.82
15	4	87	11	165.	2.0	5.6	5.4	16.3	22.1	7.2	7.3	-.22	.80
15	4	87	12	129.	2.1	4.2	3.8	16.9	19.5	7.4	7.4	-.19	.81
15	4	87	13	166.	3.1	6.0	5.6	13.8	21.0	7.4	7.1	-.16	.83
15	4	87	14	118.	2.0	3.8	3.6	19.2	22.8	9.1	8.7	-.29	.82
15	4	87	15	100.	1.8	4.0	3.8	24.4	30.6	9.6	9.5	-.53	.82
15	4	87	16	298.	3.6	10.0	9.4	48.3	124.8	12.6	12.5	-.60	.63
15	4	87	17	301.	7.1	13.2	11.8	12.3	12.5	11.8	11.3	-.32	.53
15	4	87	18	284.	5.1	10.4	10.0	12.8	13.4	10.9	10.4	-.29	.54
15	4	87	19	309.	6.0	13.6	13.0	12.1	15.6	9.6	8.8	-.10	.54
15	4	87	20	305.	6.6	13.0	12.2	11.6	12.3	8.1	7.3	.02	.57
15	4	87	21	287.	2.4	4.6	4.2	12.8	16.7	6.9	5.9	.09	.62
15	4	87	22	256.	3.0	5.0	4.8	13.0	15.9	6.5	5.7	.21	.63
15	4	87	23	253.	3.5	6.0	5.6	9.6	10.3	5.8	5.1	.37	.65
15	4	87	24	245.	2.4	6.0	5.6	13.8	14.9	4.6	3.9	.18	.69

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	4	87	1	219.	2.7	5.6	5.0	11.0	12.3	4.4	3.4	.27	.71
16	4	87	2	186.	2.5	5.6	5.2	13.1	17.7	4.0	3.0	.15	.75
16	4	87	3	169.	1.6	4.6	4.4	29.1	29.5	3.7	2.8	.06	.76
16	4	87	4	209.	1.4	4.8	4.6	37.1	40.1	3.8	2.4	.21	.78
16	4	87	5	342.	1.4	4.6	4.0	88.1	101.2	3.9	2.8	.15	.78
16	4	87	6	211.	1.4	7.2	6.8	73.9	86.7	4.5	3.8	.06	.77
16	4	87	7	217.	4.5	9.2	8.4	13.0	13.3	5.4	5.4	-.29	.76
16	4	87	8	221.	4.9	9.4	8.8	13.6	13.8	7.0	6.9	-.57	.74
16	4	87	9	231.	4.2	8.2	7.6	14.8	17.3	8.5	8.6	-.85	.72
16	4	87	10	277.	4.1	9.6	8.6	24.8	38.5	10.5	10.4	-.97	.64
16	4	87	11	278.	4.8	12.8	12.0	15.8	16.9	11.4	11.2	-.91	.59
16	4	87	12	291.	7.1	15.0	14.2	15.1	16.9	11.3	10.9	-.60	.57
16	4	87	13	298.	8.0	15.0	14.0	13.1	13.4	11.3	11.0	-.47	.58
16	4	87	14	284.	7.3	13.6	12.8	13.6	14.9	11.7	11.4	-.53	.58
16	4	87	15	299.	7.4	15.2	13.6	15.5	16.3	11.9	11.5	-.53	.58
16	4	87	16	302.	6.4	14.0	13.0	14.3	15.3	12.0	11.7	-.50	.58
16	4	87	17	301.	8.1	15.4	15.0	12.8	13.0	11.4	10.9	-.29	.57
16	4	87	18	298.	5.6	12.2	12.0	14.5	15.0	10.9	10.4	-.22	.58
16	4	87	19	301.	5.2	10.4	10.0	14.1	14.3	9.9	9.2	-.07	.60
16	4	87	20	298.	3.6	11.0	10.2	35.9	37.0	8.7	7.8	.09	.63
16	4	87	21	229.	3.2	9.4	8.6	25.8	34.6	8.2	7.3	.12	.64
16	4	87	22	285.	3.4	7.8	7.4	18.1	20.7	7.8	7.0	.09	.64
16	4	87	23	249.	2.4	5.8	5.4	19.1	24.0	7.0	6.2	.12	.65
16	4	87	24	211.	2.2	4.0	3.8	14.1	20.0	5.9	4.9	.18	.68
17	4	87	1	247.	2.5	5.2	5.0	18.4	23.4	5.2	4.3	.24	.71
17	4	87	2	236.	2.5	6.8	6.2	27.5	29.3	4.9	4.1	.06	.73
17	4	87	3	240.	3.5	7.4	6.8	21.9	22.5	4.8	4.1	.09	.73
17	4	87	4	46.	1.7	7.6	6.4	68.4	102.0	3.9	2.6	.24	.78
17	4	87	5	238.	2.1	7.0	6.6	42.4	78.9	4.4	3.2	.15	.77
17	4	87	6	239.	2.1	5.8	5.2	22.4	24.2	5.3	4.8	-.13	.74
17	4	87	7	153.	1.3	4.2	3.8	35.7	51.4	5.8	5.4	-.16	.73
17	4	87	8	153.	2.2	4.2	3.6	14.3	21.5	6.8	6.8	-.10	.72
17	4	87	9	228.	3.0	6.0	5.6	17.5	23.1	9.4	9.5	-.81	.67
17	4	87	10	256.	3.6	7.0	6.8	17.1	18.5	10.3	9.9	-1.12	.65
17	4	87	11	284.	4.1	8.2	7.8	15.7	18.4	11.1	10.9	-1.00	.61
17	4	87	12	278.	3.8	9.6	9.2	21.5	22.8	11.9	11.7	-1.00	.60
17	4	87	13	316.	4.1	9.2	8.8	15.1	22.0	12.3	12.3	-.78	.58
17	4	87	14	309.	4.2	11.8	11.2	15.2	16.8	12.1	11.9	-.50	.58
17	4	87	15	326.	7.2	15.2	14.2	13.3	13.8	11.6	11.2	-.26	.57
17	4	87	16	314.	6.9	13.4	12.6	12.3	13.0	10.7	10.4	-.26	.60
17	4	87	17	316.	6.4	13.2	12.6	13.0	13.2	10.5	10.1	-.19	.60
17	4	87	18	311.	7.4	12.8	12.0	10.3	10.8	9.7	9.2	-.16	.60
17	4	87	19	314.	5.4	11.0	10.0	11.9	13.3	8.8	8.1	-.07	.62
17	4	87	20	312.	4.8	8.6	8.0	9.8	10.8	7.5	6.6	.02	.63
17	4	87	21	322.	3.9	7.4	7.2	11.4	13.0	6.5	5.6	-.01	.62
17	4	87	22	299.	4.2	7.8	7.6	8.4	11.6	6.0	5.1	.02	.63
17	4	87	23	299.	2.8	4.0	4.0	5.3	9.5	5.0	4.0	.15	.65
17	4	87	24	335.	3.1	4.6	4.4	4.0	11.5	4.3	3.2	.24	.67
18	4	87	1	333.	2.4	4.4	4.2	4.7	7.8	4.0	2.5	.24	.66
18	4	87	2	346.	3.0	4.6	4.4	3.7	7.0	3.4	2.1	.30	.68
18	4	87	3	330.	3.6	5.2	5.2	3.4	7.4	3.3	2.1	.33	.67
18	4	87	4	337.	5.1	4.8	4.6	6.7	12.7	1.6	.3	.46	.73
18	4	87	5	305.	2.6	3.8	3.6	6.1	10.8	1.4	1.5	.86	.83
18	4	87	6	307.	2.3	3.4	3.2	4.7	12.1	.2	-.6	.83	.84
18	4	87	7	308.	2.7	4.2	4.0	8.4	14.7	1.5	1.5	.09	.77
18	4	87	8	323.	2.2	3.4	3.0	8.0	9.6	3.5	3.7	-.26	.68
18	4	87	9	304.	1.2	3.2	3.0	19.1	20.7	6.5	7.0	-.78	.65
18	4	87	10	288.	1.5	3.2	3.0	40.4	44.7	7.7	7.7	-1.06	.60
18	4	87	11	277.	2.2	4.0	3.8	13.6	18.2	8.2	8.2	-1.31	.56
18	4	87	12	143.	1.5	3.4	3.0	46.9	71.3	9.7	8.3	-1.37	.54
18	4	87	13	351.	2.9	6.4	3.0	31.8	34.6	8.4	8.4	-.47	.56
18	4	87	14	146.	3.9	6.6	6.2	13.8	18.2	8.0	8.2	-.38	.56
18	4	87	15	181.	3.3	6.2	6.0	17.3	20.9	7.4	7.4	-.26	.55
18	4	87	16	173.	3.4	5.8	5.6	12.2	14.7	6.9	6.8	-.32	.54
18	4	87	17	145.	2.0	3.8	3.4	15.4	17.3	6.8	6.7	-.16	.57
18	4	87	18	359.	2.2	3.8	3.6	10.9	12.3	6.0	5.5	-.26	.64
18	4	87	19	156.	1.8	3.4	3.0	15.1	20.2	4.9	4.3	.27	.72
18	4	87	20	107.	1.1	2.6	2.6	25.6	46.5	4.4	3.2	.71	.78
18	4	87	21	114.	1.5	2.4	2.2	2.0	6.3	4.0	2.6	.71	.80
18	4	87	22	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
18	4	87	23	165.	.8	1.8	1.6	16.6	22.5	3.3	1.5	.55	.70
18	4	87	24	142.	1.5	3.0	2.6	16.2	24.0	2.2	.6	.58	.76

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	4	87	1	156.	2.0	3.4	3.2	7.2	13.7	1.4	.7	.46	.79
19	4	87	2	132.	2.5	3.6	3.4	5.1	8.4	1.2	.4	.43	.83
19	4	87	3	120.	1.3	2.6	2.4	9.8	24.0	1.2	.5	.43	.83
19	4	87	4	120.	1.4	2.0	2.0	4.2	5.6	1.5	.6	.40	.81
19	4	87	5	101.	2.3	2.2	2.2	8.9	25.1	1.4	.5	.52	.79
19	4	87	6	330.	.2	1.0	.8	50.7	81.0	1.3	.4	.52	.79
19	4	87	7	32.	.5	1.0	1.0	17.3	25.8	1.9	1.3	.37	.76
19	4	87	8	105.	.7	2.0	1.8	8.0	16.9	3.0	2.3	-.19	.74
19	4	87	9	183.	1.0	2.4	2.2	10.6	23.7	3.7	3.2	-.16	.66
19	4	87	10	120.	.5	1.4	1.2	21.9	45.1	4.2	3.8	-.32	.70
19	4	87	11	343.	.5	1.6	1.2	58.8	92.8	4.4	3.9	-.44	.73
19	4	87	12	312.	.8	2.2	2.2	20.9	27.6	3.8	3.5	-.01	.73
19	4	87	13	325.	.9	1.8	1.6	9.1	13.0	3.5	3.2	-.01	.76
19	4	87	14	10.	.9	2.2	2.0	8.3	11.2	3.2	2.8	-.04	.82
19	4	87	15	41.	.5	1.4	1.2	16.9	24.7	3.8	3.4	-.13	.82
19	4	87	16	39.	.5	1.4	1.2	45.4	75.3	3.7	3.2	-.19	.85
19	4	87	17	346.	.6	1.4	1.2	15.5	34.4	3.5	3.0	-.07	.84
19	4	87	18	14.	.9	1.8	1.8	8.0	15.1	3.3	2.7	-.04	.83
19	4	87	19	41.	.8	2.0	1.8	18.9	29.2	3.0	2.4	-.01	.85
19	4	87	20	117.	1.5	3.4	3.2	19.4	26.9	2.9	2.3	.02	.85
19	4	87	21	55.	1.1	3.6	3.4	23.7	51.5	2.8	2.1	-.01	.86
19	4	87	22	41.	1.7	4.6	4.4	19.0	26.4	2.7	2.1	-.04	.85
19	4	87	23	48.	1.5	3.8	3.6	20.7	25.2	2.8	2.3	-.01	.84
19	4	87	24	41.	1.5	3.6	3.2	19.5	20.5	3.0	2.5	-.04	.81
20	4	87	1	42.	1.9	4.8	4.6	16.2	17.5	3.0	2.5	.02	.81
20	4	87	2	63.	2.5	5.8	5.6	17.4	21.2	2.9	2.4	-.01	.84
20	4	87	3	76.	2.0	5.8	5.6	31.9	34.5	2.9	2.3	-.04	.87
20	4	87	4	357.	1.5	4.4	4.2	36.8	46.5	2.6	2.1	-.04	.88
20	4	87	5	326.	2.5	5.0	4.8	10.6	18.0	2.2	1.7	-.07	.87
20	4	87	6	339.	2.8	5.8	5.2	10.0	10.8	2.1	1.6	-.07	.86
20	4	87	7	326.	2.9	6.2	5.8	11.1	12.6	2.3	1.8	-.10	.86
20	4	87	8	312.	2.4	4.4	3.8	11.0	12.2	2.2	1.8	-.04	.86
20	4	87	9	350.	2.3	4.4	4.0	9.4	16.0	2.6	2.3	-.10	.86
20	4	87	10	0.	2.7	8.0	7.4	14.3	18.3	3.8	3.6	-.10	.83
20	4	87	11	18.	3.4	7.6	6.8	13.6	14.7	4.6	4.3	-.13	.79
20	4	87	12	35.	4.2	7.6	7.0	14.7	15.1	4.6	4.3	-.35	.77
20	4	87	13	37.	4.5	8.0	7.6	15.3	15.7	4.5	4.3	-.35	.76
20	4	87	14	39.	4.1	8.0	7.4	14.7	15.3	4.5	4.3	-.32	.75
20	4	87	15	31.	4.1	8.0	7.6	15.7	17.3	4.1	3.8	-.16	.76
20	4	87	16	13.	4.2	8.8	7.8	14.5	16.7	3.8	3.4	-.22	.77
20	4	87	17	22.	3.8	7.2	6.8	15.1	16.3	3.5	3.1	-.13	.78
20	4	87	18	18.	3.7	7.8	7.4	16.0	16.9	2.8	2.4	-.16	.79
20	4	87	19	13.	3.5	6.6	6.2	13.9	14.5	2.3	1.8	-.13	.80
20	4	87	20	18.	4.0	8.6	8.0	12.4	12.7	2.0	1.5	-.10	.80
20	4	87	21	6.	3.5	6.8	6.2	12.3	13.8	1.9	1.5	-.10	.79
20	4	87	22	20.	4.1	8.4	7.8	13.8	14.7	1.8	1.3	-.10	.79
20	4	87	23	22.	3.7	6.6	6.2	11.8	14.0	1.5	1.1	-.10	.81
20	4	87	24	15.	3.1	6.0	5.8	12.0	12.2	1.6	1.2	-.10	.78
21	4	87	1	14.	3.0	5.4	5.2	11.9	12.3	1.7	1.3	-.10	.76
21	4	87	2	20.	2.8	5.2	4.8	10.8	11.6	1.7	1.2	-.10	.76
21	4	87	3	15.	2.8	5.4	4.8	11.8	13.0	1.6	1.2	-.10	.75
21	4	87	4	31.	2.0	3.8	3.6	13.0	13.5	1.3	.8	-.10	.77
21	4	87	5	59.	1.7	3.0	2.8	12.5	15.3	1.1	.5	-.04	.77
21	4	87	6	73.	2.5	4.2	3.8	11.1	11.9	1.3	.9	-.19	.74
21	4	87	7	73.	2.2	4.2	3.8	15.0	15.3	1.8	1.5	-.35	.73
21	4	87	8	115.	1.3	3.0	2.8	22.6	27.5	2.2	1.9	-.29	.71
21	4	87	9	131.	1.9	3.4	3.2	11.2	13.3	2.3	2.1	-.26	.71
21	4	87	10	195.	1.9	3.4	3.2	17.4	24.0	3.1	3.0	-.29	.69
21	4	87	11	166.	2.3	4.2	4.0	18.6	22.8	3.9	4.2	-.35	.69
21	4	87	12	149.	2.8	5.0	4.8	17.8	19.3	4.8	5.3	-.22	.68
21	4	87	13	149.	3.5	6.2	6.0	14.4	15.1	4.9	5.2	-.29	.70
21	4	87	14	160.	4.0	6.6	6.4	13.3	15.1	4.9	5.1	-.29	.70
21	4	87	15	157.	3.9	6.8	6.4	13.9	15.7	5.3	5.6	-.22	.71
21	4	87	16	149.	3.8	6.8	6.2	13.8	14.8	5.2	5.3	-.19	.72
21	4	87	17	142.	3.4	7.0	6.4	16.0	17.4	5.3	5.4	-.19	.75
21	4	87	18	141.	3.5	6.0	5.8	11.1	11.5	4.1	3.8	-.19	.81
21	4	87	19	112.	2.6	4.6	4.4	11.2	14.8	3.7	3.3	-.19	.87
21	4	87	20	101.	1.8	3.2	2.8	9.1	9.8	3.4	2.9	-.10	.88
21	4	87	21	52.	1.1	2.4	2.2	12.4	21.2	3.2	2.6	-.10	.88
21	4	87	22	321.	.7	1.8	1.6	19.5	29.1	2.8	2.3	-.10	.87
21	4	87	23	312.	1.0	2.0	1.8	9.3	12.3	2.2	1.8	-.04	.87
21	4	87	24	305.	.9	1.8	1.8	13.0	16.6	1.7	1.3	-.10	.86

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	4	87	1	343.	1.0	2.0	1.8	22.6	29.4	1.2	.8	-.10	.85
22	4	87	2	337.	.5	1.6	1.4	39.7	47.9	1.0	.5	.09	.85
22	4	87	3	312.	.8	2.0	1.8	8.7	15.8	1.0	.1	.77	.84
22	4	87	4	314.	1.7	2.6	2.6	10.4	14.1	.8	.4	.43	.85
22	4	87	5	329.	1.5	2.6	2.4	7.3	10.1	1.2	.4	.49	.85
22	4	87	6	333.	1.6	2.6	2.6	7.2	13.6	1.3	.7	.43	.85
22	4	87	7	311.	1.7	2.8	2.6	20.6	26.3	2.5	1.9	.65	.86
22	4	87	8	326.	1.1	2.6	2.4	24.5	32.8	3.9	3.5	-.07	.82
22	4	87	9	305.	1.4	2.4	2.4	22.3	27.1	6.0	5.8	-.01	.75
22	4	87	10	7.	1.0	2.4	2.2	15.7	31.2	8.4	8.4	-.13	.69
22	4	87	11	165.	.4	1.8	1.6	47.6	103.9	14.2	14.3	-.72	.63
22	4	87	12	127.	1.3	3.4	3.2	70.5	97.5	15.3	15.0	-.88	.62
22	4	87	13	128.	2.4	4.2	3.8	11.8	14.2	13.8	13.4	-.50	.64
22	4	87	14	149.	2.2	4.2	3.8	14.7	19.7	14.4	14.4	-.38	.62
22	4	87	15	132.	2.6	4.2	4.0	12.7	14.5	14.7	14.6	-.32	.63
22	4	87	16	135.	2.4	5.0	4.8	13.7	17.6	15.0	15.2	-.10	.62
22	4	87	17	127.	1.7	3.6	3.4	14.4	18.6	13.7	13.2	-.04	.66
22	4	87	18	121.	.9	2.2	2.0	57.9	59.9	14.3	14.0	.15	.67
22	4	87	19	299.	2.8	7.0	6.4	33.3	33.8	13.1	12.4	-.19	.64
22	4	87	20	316.	3.0	6.0	5.6	13.6	15.1	11.4	10.5	-.01	.66
22	4	87	21	308.	3.0	5.6	5.2	9.0	10.2	10.4	9.3	.06	.68
22	4	87	22	311.	3.2	4.8	4.6	5.6	7.0	9.3	8.2	.24	.71
22	4	87	23	315.	2.9	5.0	4.8	6.1	10.8	8.8	7.7	.27	.74
22	4	87	24	311.	3.6	4.8	4.6	4.2	5.1	7.9	6.7	.27	.77
23	4	87	1	312.	3.4	5.6	5.2	5.6	7.6	7.2	6.1	.27	.78
23	4	87	2	299.	3.0	5.4	5.0	5.8	8.8	7.1	5.8	.18	.80
23	4	87	3	291.	3.3	5.2	5.0	3.7	4.9	5.8	4.7	.55	.82
23	4	87	4	318.	3.5	5.2	5.0	6.3	12.2	5.6	4.3	.61	.82
23	4	87	5	325.	2.0	4.8	4.6	9.0	11.9	5.7	4.7	.09	.81
23	4	87	6	329.	2.2	4.0	4.0	11.2	17.4	5.9	4.9	.27	.79
23	4	87	7	307.	1.6	4.0	3.8	15.4	22.3	6.3	5.3	.27	.80
23	4	87	8	284.	1.6	2.8	2.6	14.9	24.4	7.1	6.7	-.10	.76
23	4	87	9	239.	1.1	3.2	3.0	40.3	56.7	10.3	10.0	-.69	.69
23	4	87	10	231.	1.4	2.8	2.6	21.9	23.4	11.9	11.7	-.91	.66
23	4	87	11	226.	1.3	3.4	3.0	31.1	33.6	13.9	14.0	-1.16	.65
23	4	87	12	283.	3.6	8.2	7.8	18.1	23.6	14.3	14.3	-.94	.67
23	4	87	13	262.	4.2	7.8	7.4	14.9	17.6	14.3	14.4	-.75	.67
23	4	87	14	276.	4.1	7.2	6.8	13.6	14.3	13.9	13.7	-.44	.68
23	4	87	15	274.	3.1	6.6	6.2	16.5	17.6	14.4	14.2	-.50	.69
23	4	87	16	262.	3.6	6.8	6.4	14.6	15.5	15.0	15.0	-.66	.68
23	4	87	17	245.	3.2	6.4	6.0	17.5	20.0	14.6	14.3	-.47	.69
23	4	87	18	290.	2.8	6.2	6.0	19.0	23.8	13.7	13.2	-.16	.70
23	4	87	19	287.	2.4	7.0	6.2	29.8	30.1	13.2	12.7	-.13	.71
23	4	87	20	315.	2.4	5.2	4.8	25.4	27.6	11.8	10.9	-.04	.74
23	4	87	21	308.	2.3	4.8	4.6	19.9	23.1	10.7	9.7	.02	.77
23	4	87	22	299.	2.0	4.6	4.2	11.5	14.7	9.8	8.7	.02	.79
23	4	87	23	294.	2.6	4.8	4.8	9.1	12.0	8.8	7.8	.09	.81
23	4	87	24	315.	2.7	4.2	4.0	5.6	10.4	8.1	7.1	.12	.83
24	4	87	1	322.	3.3	4.8	4.8	4.9	8.2	7.6	6.5	.30	.84
24	4	87	2	322.	3.5	5.4	5.0	6.1	7.2	7.2	5.9	.30	.85
24	4	87	3	321.	3.5	4.6	4.4	4.2	6.0	6.2	5.0	.58	.88
24	4	87	4	312.	3.3	4.8	4.6	5.8	7.6	5.7	4.5	.33	.88
24	4	87	5	314.	3.8	4.8	4.6	5.3	6.4	5.1	3.9	.46	.88
24	4	87	6	316.	3.6	4.8	4.6	6.3	6.6	4.9	4.0	.30	.87
24	4	87	7	316.	3.7	5.2	5.0	6.4	10.0	5.8	5.8	.15	.83
24	4	87	8	319.	2.5	4.6	4.4	9.7	13.7	7.6	8.0	-.29	.80
24	4	87	9	311.	2.6	3.6	3.4	8.2	9.8	9.5	9.8	-.38	.76
24	4	87	10	302.	2.1	3.8	3.4	10.1	11.1	11.4	11.7	-.44	.74
24	4	87	11	298.	1.7	3.4	3.0	12.5	14.0	13.9	14.1	-.97	.70
24	4	87	12	304.	2.9	4.8	4.8	9.0	9.4	13.7	14.0	-.63	.68
24	4	87	13	301.	2.7	4.6	4.2	9.6	10.0	14.0	14.2	-.57	.68
24	4	87	14	298.	2.7	5.2	5.0	10.8	12.3	14.0	14.0	-.47	.68
24	4	87	15	297.	2.7	5.0	4.8	11.1	11.5	13.6	13.6	-.44	.69
24	4	87	16	294.	3.0	5.2	4.8	10.7	11.7	13.2	13.0	-.35	.70
24	4	87	17	305.	2.5	3.8	3.8	7.4	9.1	13.2	13.0	-.29	.70
24	4	87	18	315.	1.9	4.4	4.0	17.2	19.1	13.1	12.8	-.26	.72
24	4	87	19	298.	2.7	5.0	4.8	9.7	11.7	12.6	11.9	-.04	.73
24	4	87	20	295.	2.2	4.0	3.8	11.8	16.2	11.6	10.7	-.01	.74
24	4	87	21	301.	3.2	5.0	4.8	5.8	6.1	10.4	9.6	.12	.76
24	4	87	22	291.	3.1	4.6	4.4	6.1	8.4	9.7	8.8	.21	.77
24	4	87	23	321.	3.6	6.2	5.8	7.3	12.3	9.5	8.6	.27	.78
24	4	87	24	314.	3.8	5.8	5.6	6.3	8.6	9.4	8.4	.12	.78

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	4	87	1	309.	4.2	6.0	5.8	4.9	6.7	8.8	7.8	.18	.79
25	4	87	2	315.	4.4	5.4	5.4	3.7	4.7	8.0	7.0	.18	.81
25	4	87	3	305.	4.1	6.2	6.0	4.9	9.2	7.8	6.6	.33	.81
25	4	87	4	323.	4.1	5.6	5.4	4.0	7.6	7.4	6.4	.27	.82
25	4	87	5	323.	3.9	5.8	5.4	4.7	5.1	6.8	5.8	.24	.83
25	4	87	6	328.	3.6	5.4	5.2	6.1	6.7	6.6	6.2	.15	.83
25	4	87	7	316.	2.5	4.2	4.0	8.1	9.7	7.5	7.8	-.04	.81
25	4	87	8	307.	2.9	4.2	4.0	6.9	9.2	8.4	8.7	-.32	.80
25	4	87	9	299.	2.3	3.8	3.4	7.3	8.9	10.7	11.2	-.63	.76
25	4	87	10	298.	1.9	3.6	3.4	11.9	12.8	13.2	13.8	-1.09	.70
25	4	87	11	299.	1.9	3.6	3.2	14.3	16.9	14.6	15.1	-1.09	.67
25	4	87	12	290.	1.6	4.2	3.8	47.7	66.2	15.8	16.5	-.97	.64
25	4	87	13	107.	2.1	4.8	4.4	57.5	126.4	15.7	16.3	-.78	.65
25	4	87	14	183.	2.7	5.2	4.8	20.7	35.6	15.7	16.3	-.57	.67
25	4	87	15	124.	4.0	7.0	6.8	17.8	22.5	14.3	14.5	-.50	.70
25	4	87	16	127.	3.0	4.8	4.8	13.8	16.0	14.2	14.6	-.35	.70
25	4	87	17	128.	3.4	5.6	5.2	11.1	11.9	12.8	12.7	-.35	.72
25	4	87	18	112.	3.5	6.2	5.4	8.9	10.7	11.2	10.9	-.29	.75
25	4	87	19	107.	2.0	3.0	2.8	6.3	7.8	10.8	10.5	-.32	.78
25	4	87	20	69.	2.0	2.6	2.4	3.4	12.2	10.2	9.1	.40	.81
25	4	87	21	59.	3.2	8.6	7.8	12.4	17.9	10.7	9.8	.21	.76
25	4	87	22	62.	3.8	8.4	8.2	16.3	17.0	10.9	10.4	-.07	.71
25	4	87	23	52.	2.2	6.8	5.8	44.2	45.4	10.2	9.7	-.10	.70
25	4	87	24	53.	2.7	9.8	9.2	37.3	38.6	9.5	9.0	-.10	.71
26	4	87	1	75.	3.4	7.4	7.2	19.7	20.8	8.6	8.1	-.10	.70
26	4	87	2	65.	3.6	6.8	6.6	13.3	13.7	7.5	6.9	-.10	.72
26	4	87	3	72.	3.9	7.4	7.0	14.7	14.9	6.4	5.9	-.13	.76
26	4	87	4	67.	3.3	6.8	6.2	15.1	15.3	5.3	4.9	-.13	.80
26	4	87	5	80.	3.2	7.4	6.6	14.6	15.3	4.6	4.2	-.16	.81
26	4	87	6	67.	3.4	7.6	7.2	19.1	20.5	4.2	3.9	-.22	.79
26	4	87	7	66.	2.5	5.6	5.2	17.2	20.1	4.0	3.7	-.29	.78
26	4	87	8	79.	2.8	6.8	6.6	16.8	20.0	4.0	3.8	-.32	.77
26	4	87	9	56.	2.0	4.2	4.0	20.2	23.8	4.4	4.3	-.41	.77
26	4	87	10	107.	1.0	2.8	2.6	40.8	44.1	4.7	4.8	-.35	.75
26	4	87	11	229.	1.0	2.4	2.2	38.0	68.9	5.2	5.3	-.44	.74
26	4	87	12	172.	1.2	3.0	2.8	39.3	44.8	5.6	5.9	-.38	.73
26	4	87	13	188.	1.3	2.8	2.6	35.6	41.9	6.5	6.8	-.57	.72
26	4	87	14	155.	1.9	4.4	4.0	28.1	30.2	6.7	7.1	-.41	.74
26	4	87	15	193.	2.3	4.6	4.2	23.4	26.8	6.8	7.2	-.35	.74
26	4	87	16	157.	2.1	4.2	4.0	16.6	19.2	6.9	7.1	-.35	.73
26	4	87	17	186.	2.3	4.4	4.0	14.4	17.8	6.5	6.5	-.29	.75
26	4	87	18	176.	2.1	4.4	3.8	12.7	13.8	6.5	6.5	-.22	.76
26	4	87	19	173.	2.2	4.2	4.0	11.4	14.6	5.9	5.6	-.22	.77
26	4	87	20	174.	2.2	3.8	3.6	11.7	14.7	4.9	4.1	.02	.79
26	4	87	21	165.	1.5	3.2	3.0	12.2	15.5	4.4	3.1	.18	.80
26	4	87	22	121.	1.9	3.6	3.4	11.9	15.9	3.7	2.6	.46	.81
26	4	87	23	129.	2.4	3.6	3.4	2.4	4.9	3.1	2.1	.40	.85
26	4	87	24	129.	2.1	3.2	3.0	4.0	9.8	2.7	1.6	.37	.86
27	4	87	1	122.	1.1	1.8	1.6	4.0	6.6	2.5	1.3	.27	.88
27	4	87	2	128.	.5	1.2	1.0	4.0	8.8	2.2	.8	.15	.87
27	4	87	3	52.	.1	.6	.6	31.5	54.5	1.7	.2	.21	.85
27	4	87	4	343.	.8	2.6	2.6	43.9	91.8	1.4	.3	.37	.83
27	4	87	5	337.	1.0	1.8	1.6	11.8	17.5	.7	.0	.58	.84
27	4	87	6	312.	.6	1.8	1.6	18.9	32.5	1.5	.9	.12	.82
27	4	87	7	298.	.6	1.4	1.2	17.5	26.7	2.2	2.1	-.01	.81
27	4	87	8	287.	.4	1.2	1.0	18.6	24.3	3.5	3.2	-.13	.78
27	4	87	9	339.	.9	2.4	2.2	19.7	25.8	3.7	3.6	-.32	.75
27	4	87	10	291.	.8	2.2	2.0	23.2	29.5	5.2	5.2	-.38	.72
27	4	87	11	284.	.5	1.8	1.6	45.9	47.5	7.3	7.8	-.38	.69
27	4	87	12	124.	.8	2.4	2.2	53.7	68.2	9.8	10.1	-.26	.67
27	4	87	13	114.	1.4	2.6	2.4	14.5	16.0	10.5	10.7	-.29	.70
27	4	87	14	124.	1.6	2.4	2.2	10.9	13.7	10.4	10.4	-.13	.70
27	4	87	15	114.	1.5	2.6	2.4	10.9	12.3	11.5	11.5	-.22	.73
27	4	87	16	124.	1.8	2.8	2.6	10.6	13.0	10.2	10.0	-.04	.83
27	4	87	17	111.	1.7	3.0	2.6	9.5	13.6	8.3	8.1	.02	.90
27	4	87	18	139.	1.2	3.0	2.4	28.6	36.5	8.5	8.2	.52	.89
27	4	87	19	201.	2.3	4.6	4.2	22.8	28.9	9.8	8.2	1.51	.87
27	4	87	20	110.	2.0	4.0	3.8	34.5	58.9	8.2	6.8	1.48	.90
27	4	87	21	160.	1.4	3.2	3.0	24.4	28.4	7.9	6.0	2.26	.91
27	4	87	22	170.	1.5	4.2	3.8	18.9	33.2	9.9	7.3	.77	.84
27	4	87	23	148.	1.9	3.4	3.2	13.6	22.5	6.6	5.7	.96	.90
27	4	87	24	121.	2.0	3.0	3.0	10.4	19.4	5.8	5.1	1.76	.91

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	4	87	1	172.	1.9	3.2	3.0	8.2	19.4	6.1	5.2	1.36	.90
28	4	87	2	240.	1.0	3.0	2.8	35.1	54.2	6.8	5.2	1.11	.89
28	4	87	3	253.	1.0	2.4	2.2	25.0	29.0	7.1	5.1	.58	.89
28	4	87	4	239.	2.1	4.0	3.8	15.5	17.9	7.8	6.6	.33	.85
28	4	87	5	250.	1.3	3.4	3.0	28.5	31.2	7.4	5.5	.33	.90
28	4	87	6	201.	1.3	4.2	4.0	47.0	61.3	7.4	6.2	.33	.88
28	4	87	7	243.	1.7	3.0	2.8	10.6	15.4	9.7	9.6	-.13	.80
28	4	87	8	205.	1.6	3.0	2.8	19.1	24.8	12.2	12.4	-.69	.73
28	4	87	9	112.	1.6	3.0	2.8	28.3	35.1	12.6	12.7	-.38	.77
28	4	87	10	110.	2.3	4.0	3.8	10.7	12.7	13.2	13.3	-.53	.77
28	4	87	11	132.	1.9	3.8	3.6	20.0	23.2	15.1	15.5	-.60	.76
28	4	87	12	134.	2.1	4.6	4.2	30.3	32.9	16.8	17.1	-.19	.76
28	4	87	13	117.	2.6	5.2	4.8	17.8	19.8	15.8	15.8	.06	.79
28	4	87	14	120.	2.3	4.8	4.4	20.9	23.8	14.7	14.6	.52	.80
28	4	87	15	259.	3.8	9.4	9.2	48.7	69.9	19.8	19.8	-.10	.67
28	4	87	16	247.	4.6	10.4	9.8	18.7	19.5	21.3	21.3	-.66	.59
28	4	87	17	252.	4.0	7.8	7.0	18.1	18.4	20.9	20.8	-.63	.60
28	4	87	18	250.	3.7	8.4	8.0	17.4	17.9	20.0	19.7	-.44	.61
28	4	87	19	232.	3.7	8.2	7.8	14.2	15.1	18.8	18.3	-.16	.64
28	4	87	20	162.	2.0	4.2	3.8	18.2	34.2	14.1	10.7	1.67	.83
28	4	87	21	221.	1.9	4.0	3.8	14.5	25.9	12.5	9.6	2.82	.87
28	4	87	22	246.	2.3	4.6	4.4	9.7	15.5	14.3	12.0	.74	.85
28	4	87	23	257.	2.2	4.4	4.0	14.2	16.3	13.3	12.3	.18	.87
28	4	87	24	232.	1.5	2.8	2.6	10.1	22.1	12.2	10.5	.43	.91
29	4	87	1	217.	2.1	4.2	4.0	8.4	10.8	11.2	8.3	.61	.93
29	4	87	2	193.	1.1	3.0	2.8	26.8	35.8	8.3	6.4	1.98	.94
29	4	87	3	165.	1.5	2.8	2.8	7.6	12.7	8.2	5.9	1.30	.94
29	4	87	4	155.	1.0	2.0	1.8	14.5	21.3	7.7	5.8	.96	.93
29	4	87	5	145.	1.3	2.6	2.4	16.1	21.1	6.8	5.6	.99	.93
29	4	87	6	246.	.7	2.4	2.2	40.2	56.1	6.9	6.7	.52	.91
29	4	87	7	115.	.2	1.0	1.0	72.3	94.5	9.5	10.3	.33	.83
29	4	87	8	115.	1.3	4.0	3.8	11.0	13.4	9.7	9.9	-.29	.85
29	4	87	9	98.	3.7	5.2	5.2	8.1	10.1	8.7	8.9	-.53	.81
29	4	87	10	120.	3.6	6.0	5.8	10.3	11.0	10.8	11.0	-.53	.72
29	4	87	11	143.	4.1	6.8	6.4	10.9	14.1	13.0	13.2	-.57	.64
29	4	87	12	150.	4.0	7.6	7.2	12.9	14.0	13.6	14.2	-.50	.61
29	4	87	13	152.	4.7	8.8	8.0	13.5	14.3	13.2	13.7	-.44	.59
29	4	87	14	135.	4.5	8.8	8.0	15.3	16.8	13.2	13.8	-.38	.62
29	4	87	15	125.	4.8	7.4	7.2	11.3	14.6	11.5	11.6	-.50	.74
29	4	87	16	127.	4.3	7.0	7.0	11.7	12.8	12.2	12.3	-.32	.73
29	4	87	17	115.	4.1	6.8	6.4	9.7	11.0	11.3	11.2	-.35	.76
29	4	87	18	136.	4.9	7.6	7.2	8.2	10.2	9.4	9.1	-.22	.80
29	4	87	19	122.	3.6	7.0	6.4	10.5	11.8	9.2	8.8	-.13	.82
29	4	87	20	115.	2.7	4.4	4.2	6.1	8.4	8.6	7.9	.30	.85
29	4	87	21	108.	1.9	3.0	2.8	4.9	13.1	8.4	6.9	.65	.90
29	4	87	22	117.	1.4	2.2	2.0	10.6	18.2	8.4	6.8	.74	.88
29	4	87	23	357.	.8	2.0	1.8	13.3	45.1	8.0	6.1	.71	.91
29	4	87	24	344.	1.8	3.2	3.0	5.4	9.1	7.7	6.2	.92	.88
30	4	87	1	336.	2.0	3.6	3.2	5.3	6.3	7.3	5.7	1.36	.86
30	4	87	2	335.	2.1	3.6	3.4	6.7	8.3	7.1	5.6	.58	.82
30	4	87	3	335.	2.2	4.0	3.8	6.6	9.2	6.4	5.2	.58	.82
30	4	87	4	330.	2.0	4.0	3.8	7.3	9.3	5.5	4.2	1.08	.85
30	4	87	5	311.	1.6	2.8	2.6	7.8	14.8	4.9	3.9	.68	.87
30	4	87	6	340.	1.2	2.2	2.0	23.1	27.7	5.9	5.2	.30	.85
30	4	87	7	343.	1.1	3.0	3.0	24.6	29.6	6.9	6.8	.27	.83
30	4	87	8	308.	1.1	2.8	2.6	27.3	31.2	8.5	8.5	.06	.80
30	4	87	9	311.	1.5	2.8	2.8	12.7	21.0	10.0	10.2	-.13	.76
30	4	87	10	307.	1.6	3.2	3.0	12.5	17.9	10.3	10.2	-.29	.78
30	4	87	11	135.	.6	2.4	2.2	80.6	120.5	12.2	12.2	-.29	.75
30	4	87	12	128.	1.0	2.4	2.4	51.4	67.1	13.1	13.0	-.26	.74
30	4	87	13	136.	1.0	3.0	2.8	43.5	44.5	15.1	15.4	-.29	.69
30	4	87	14	134.	3.5	6.4	5.8	13.7	16.5	14.8	14.9	-.50	.71
30	4	87	15	122.	2.7	5.6	5.2	12.5	13.6	13.4	13.3	-.29	.79
30	4	87	16	132.	2.4	4.2	3.8	13.0	14.7	13.1	13.0	-.26	.83
30	4	87	17	125.	2.9	5.6	5.2	12.1	14.0	11.5	11.4	-.29	.87
30	4	87	18	122.	2.6	4.8	4.6	12.5	13.2	11.5	11.2	-.26	.86
30	4	87	19	115.	3.0	4.8	4.4	8.2	10.0	9.2	8.8	-.19	.95
30	4	87	20	122.	2.5	3.8	3.6	6.3	7.7	8.8	8.3	-.01	.96
30	4	87	21	136.	2.9	5.0	4.4	8.4	11.6	8.2	7.7	-.01	.96
30	4	87	22	110.	1.9	3.8	3.6	13.0	15.8	7.5	7.0	-.10	.96
30	4	87	23	101.	1.8	3.4	3.0	9.9	13.6	7.2	6.8	-.13	.95
30	4	87	24	107.	1.6	3.0	2.8	13.6	17.0	6.8	6.4	-.13	.94
	ANT.99.			1	1	1	1	1	1	1	1	1	1
PROSENT 99.				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
1	5	87	1	83.	.8	2.0	1.8	47.2	58.3	6.6	6.2	-.23	.94
1	5	87	2	11.	.4	1.6	1.4	51.8	73.7	6.4	6.1	-.23	.94
1	5	87	3	76.	.5	1.4	1.2	35.8	41.3	6.1	5.7	-.26	.93
1	5	87	4	111.	.4	1.8	1.6	32.5	37.4	5.6	5.3	-.23	.93
1	5	87	5	104.	1.8	3.6	3.4	9.5	12.0	5.3	4.9	-.20	.92
1	5	87	6	120.	2.2	5.8	5.6	16.0	23.1	5.1	4.7	-.23	.92
1	5	87	7	127.	2.8	6.0	5.4	8.1	10.5	5.4	5.2	-.23	.92
1	5	87	8	132.	3.3	5.4	5.2	12.3	14.2	6.7	6.5	-.17	.94
1	5	87	9	121.	3.6	7.0	6.0	8.1	11.6	7.7	7.5	-.29	.95
1	5	87	10	129.	4.6	8.0	7.6	10.1	11.5	8.2	8.2	-.45	.96
1	5	87	11	142.	5.0	8.2	7.6	10.7	11.7	8.0	8.1	-.45	.95
1	5	87	12	179.	4.8	9.2	8.6	14.8	17.2	8.6	8.7	-.42	.92
1	5	87	13	153.	4.6	10.0	9.4	15.6	20.4	8.9	9.1	-.42	.91
1	5	87	14	156.	4.5	8.8	8.0	15.3	15.8	9.2	9.3	-.45	.91
1	5	87	15	142.	3.9	7.6	7.2	17.3	18.9	8.1	7.9	-.36	.93
1	5	87	16	163.	3.4	7.0	6.6	17.8	19.9	7.4	7.2	-.32	.94
1	5	87	17	117.	3.2	5.4	5.2	12.4	18.1	7.1	6.8	-.29	.94
1	5	87	18	162.	3.5	6.4	6.0	13.5	20.4	6.7	6.4	-.23	.94
1	5	87	19	169.	3.7	8.6	8.0	14.8	15.4	6.7	6.3	-.20	.94
1	5	87	20	184.	3.3	6.4	5.8	14.5	15.6	6.8	6.5	-.23	.94
1	5	87	21	177.	2.7	4.8	4.4	12.4	13.1	6.9	6.6	-.23	.94
1	5	87	22	149.	2.3	4.0	3.8	15.9	18.0	6.9	6.5	-.20	.94
1	5	87	23	198.	1.8	4.8	4.6	34.0	37.0	6.8	6.4	-.20	.94
1	5	87	24	179.	1.0	3.6	3.4	42.9	44.3	6.9	6.5	-.20	.94
2	5	87	1	172.	.4	1.8	1.6	33.0	36.2	6.5	6.0	-.01	.94
2	5	87	2	283.	1.2	4.4	4.2	33.3	64.3	6.3	5.7	.08	.93
2	5	87	3	284.	2.8	5.0	4.6	8.7	11.3	6.3	5.7	.02	.87
2	5	87	4	291.	2.9	5.0	4.8	13.1	16.3	5.3	4.6	.02	.79
2	5	87	5	301.	3.1	5.2	4.8	9.1	9.5	4.8	4.1	-.04	.74
2	5	87	6	325.	3.3	5.4	5.2	7.7	12.5	5.0	4.7	-.08	.68
2	5	87	7	299.	2.3	4.2	4.0	8.1	9.6	5.6	5.5	-.39	.65
2	5	87	8	294.	.8	2.6	2.4	35.9	45.4	7.5	7.8	-.48	.62
2	5	87	9	138.	1.6	4.0	3.8	49.4	114.7	7.8	7.9	-.57	.65
2	5	87	10	129.	4.1	7.2	7.0	13.8	14.6	8.3	8.8	-.70	.69
2	5	87	11	108.	4.8	8.0	7.6	15.6	18.5	8.3	8.7	-.70	.62
2	5	87	12	173.	4.9	9.2	9.0	18.9	29.5	9.6	10.2	-.63	.60
2	5	87	13	191.	8.0	13.0	12.2	11.9	13.2	9.1	9.8	-.85	.61
2	5	87	14	191.	8.4	14.0	12.8	11.2	11.4	8.7	9.5	-.85	.64
2	5	87	15	193.	7.1	12.4	12.0	12.1	12.4	8.3	8.8	-.70	.69
2	5	87	16	191.	6.9	12.4	12.0	13.2	14.1	8.2	8.9	-.70	.68
2	5	87	17	179.	5.3	11.0	10.2	13.5	14.5	8.2	8.7	-.57	.69
2	5	87	18	193.	5.0	9.6	9.6	13.5	14.8	7.6	7.7	-.45	.72
2	5	87	19	162.	4.1	8.6	8.2	15.1	17.8	6.5	6.3	-.36	.80
2	5	87	20	166.	3.3	8.6	7.8	14.1	15.3	5.5	5.1	-.29	.85
2	5	87	21	176.	4.5	9.0	8.6	11.8	12.4	4.3	3.8	-.26	.83
2	5	87	22	194.	2.9	5.6	5.4	11.2	14.9	3.6	2.9	-.17	.87
2	5	87	23	188.	3.2	5.6	5.4	10.8	11.6	3.2	2.4	-.11	.86
2	5	87	24	188.	3.1	5.0	4.8	9.6	10.1	2.9	2.1	-.11	.87
3	5	87	1	222.	1.9	4.6	4.2	21.6	30.3	2.6	1.8	-.08	.87
3	5	87	2	180.	1.2	3.6	3.2	13.3	17.6	2.4	1.0	.05	.85
3	5	87	3	120.	1.5	2.4	2.2	8.6	18.6	2.0	.7	.11	.86
3	5	87	4	180.	.8	2.0	1.8	23.4	39.3	1.8	.4	.02	.86
3	5	87	5	155.	.4	1.4	1.2	44.6	54.2	2.1	.4	.23	.86
3	5	87	6	350.	.8	1.8	1.6	33.2	119.9	1.3	.9	.36	.86
3	5	87	7	283.	.2	1.0	.8	63.3	106.0	2.3	2.1	-.04	.87
3	5	87	8	146.	.6	2.2	2.2	68.1	108.2	4.6	4.9	-.48	.78
3	5	87	9	180.	1.0	2.8	2.6	33.3	39.9	6.1	6.6	-.48	.74
3	5	87	10	245.	1.5	4.4	3.8	49.4	55.4	7.5	7.7	-1.16	.64
3	5	87	11	156.	2.1	5.0	4.4	43.1	62.6	7.8	8.3	-.91	.63
3	5	87	12	157.	2.9	5.8	5.4	26.4	32.0	7.0	7.4	-.48	.71
3	5	87	13	98.	2.8	5.8	5.6	32.9	39.8	8.4	9.1	-.63	.66
3	5	87	14	145.	3.2	6.4	6.0	35.6	49.3	8.3	8.6	-.70	.65
3	5	87	15	172.	2.7	5.6	5.2	30.1	33.3	9.2	10.1	-.60	.64
3	5	87	16	121.	2.9	5.6	5.0	24.6	30.3	9.5	10.0	-.57	.64
3	5	87	17	122.	2.8	6.2	5.6	14.8	20.0	7.4	7.2	-.32	.76
3	5	87	18	350.	3.2	7.6	7.4	28.5	69.0	6.3	6.1	-.29	.77
3	5	87	19	322.	4.6	9.0	8.4	20.3	28.7	4.5	4.1	-.14	.85
3	5	87	20	305.	3.4	7.2	6.8	9.4	21.2	4.8	4.3	-.01	.82
3	5	87	21	311.	3.3	5.6	5.0	7.4	9.5	4.2	3.5	-.04	.85
3	5	87	22	308.	3.5	5.6	5.2	6.1	6.4	3.9	3.2	-.04	.85
3	5	87	23	298.	3.2	4.6	4.2	4.7	5.8	3.4	2.8	-.01	.87
3	5	87	24	304.	2.9	3.6	3.6	3.1	3.7	3.5	2.8	.08	.86

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	5	87	1	305.	3.1	6.0	5.8	7.3	13.4	3.4	2.6	.20	.84
4	5	87	2	292.	3.0	4.6	4.4	5.6	6.9	3.1	2.3	-.01	.84
4	5	87	3	308.	3.2	4.8	4.4	5.8	9.8	2.7	2.0	-.01	.83
4	5	87	4	311.	4.1	6.0	5.6	5.3	6.7	2.5	1.7	.30	.81
4	5	87	5	295.	3.4	5.2	5.0	6.1	7.4	2.7	2.1	-.04	.75
4	5	87	6	335.	2.7	5.4	5.2	13.0	19.8	3.6	3.6	-.20	.71
4	5	87	7	318.	2.9	5.2	4.8	12.3	14.1	4.9	5.3	-.29	.66
4	5	87	8	340.	2.1	6.6	6.2	18.4	21.1	5.9	6.1	-.39	.66
4	5	87	9	8.	4.8	9.4	9.0	16.6	17.6	7.4	7.7	-.42	.66
4	5	87	10	35.	3.7	7.8	7.6	27.4	33.7	8.8	9.3	-.67	.65
4	5	87	11	56.	4.0	8.4	7.6	22.8	26.8	8.9	9.1	-.54	.63
4	5	87	12	336.	3.3	7.8	7.4	26.6	46.6	10.2	10.5	-.70	.61
4	5	87	13	7.	2.3	5.8	5.0	43.7	45.0	11.1	11.6	-.54	.57
4	5	87	14	335.	2.8	7.0	6.4	36.4	42.6	11.9	12.5	-.57	.55
4	5	87	15	6.	2.7	7.4	7.0	39.9	43.4	12.7	13.3	-.63	.53
4	5	87	16	339.	2.0	5.4	5.0	42.7	48.0	13.4	14.2	-.57	.51
4	5	87	17	195.	1.7	4.8	4.6	79.5	133.8	13.9	14.7	-.70	.53
4	5	87	18	195.	4.0	7.0	6.6	12.6	13.3	11.4	11.8	-.60	.64
4	5	87	19	200.	3.6	6.8	6.2	10.9	11.8	10.1	10.1	-.48	.68
4	5	87	20	231.	2.1	4.6	4.2	13.0	16.7	9.1	8.3	-.32	.70
4	5	87	21	226.	1.7	3.0	2.8	12.7	13.4	8.2	7.4	-.08	.71
4	5	87	22	240.	1.3	2.8	2.4	10.0	14.5	7.7	6.8	.05	.72
4	5	87	23	292.	1.7	3.2	3.0	11.2	21.8	7.5	6.0	.17	.73
4	5	87	24	288.	1.1	2.6	2.6	12.0	13.7	6.9	5.1	.23	.78
5	5	87	1	329.	1.4	2.6	2.4	6.1	15.6	6.1	4.0	.27	.83
5	5	87	2	351.	1.1	2.6	2.4	13.5	19.3	5.1	3.3	.39	.85
5	5	87	3	340.	.7	1.8	1.6	8.4	13.0	4.3	2.5	.95	.87
5	5	87	4	330.	1.5	3.6	3.4	5.3	8.6	3.3	2.0	1.20	.87
5	5	87	5	321.	1.6	3.4	3.2	10.0	22.3	3.1	2.3	.33	.87
5	5	87	6	326.	1.6	2.8	2.6	17.3	21.9	3.1	2.9	.23	.87
5	5	87	7	52.	.8	2.2	2.0	22.0	32.2	4.3	4.2	-.26	.83
5	5	87	8	165.	.5	2.0	1.8	64.2	114.6	7.5	7.9	-.29	.73
5	5	87	9	111.	1.6	3.8	3.6	22.0	24.4	8.9	9.3	-.60	.72
5	5	87	10	110.	2.6	5.0	4.6	11.2	13.4	9.4	9.7	-.60	.72
5	5	87	11	127.	3.5	6.0	5.4	11.4	13.4	10.1	10.6	-.79	.76
5	5	87	12	132.	3.8	6.0	5.6	12.3	13.2	9.8	10.0	-.57	.80
5	5	87	13	115.	3.8	6.6	5.8	9.6	11.2	9.4	9.5	-.51	.79
5	5	87	14	127.	2.9	5.2	4.8	15.5	19.7	10.4	10.8	-.42	.77
5	5	87	15	101.	2.7	4.6	4.4	14.1	16.0	11.2	11.4	-.51	.77
5	5	87	16	98.	2.2	3.8	3.6	12.3	16.1	11.2	11.1	-.36	.76
5	5	87	17	107.	.9	2.2	2.0	16.0	24.1	11.2	10.9	-.32	.75
5	5	87	18	125.	.7	1.8	1.6	15.3	27.4	11.7	11.6	-.32	.75
5	5	87	19	138.	1.1	2.4	2.2	24.8	33.4	11.3	10.9	-.08	.77
5	5	87	20	129.	.8	2.6	2.4	49.3	77.7	10.6	9.2	.30	.83
5	5	87	21	276.	1.5	2.6	2.4	24.2	50.6	9.2	7.6	.58	.86
5	5	87	22	281.	2.6	5.0	4.8	9.4	15.5	9.0	8.0	.14	.84
5	5	87	23	291.	2.9	5.4	4.8	9.2	11.0	8.5	7.5	.17	.77
5	5	87	24	299.	3.3	6.2	5.6	11.4	12.1	7.9	7.0	.11	.73
6	5	87	1	314.	4.2	10.4	9.6	11.4	13.7	7.7	7.0	-.01	.71
6	5	87	2	319.	4.5	9.0	8.8	10.9	11.2	8.2	7.5	-.11	.66
6	5	87	3	323.	4.2	8.0	7.4	10.7	10.8	8.0	7.3	-.14	.63
6	5	87	4	326.	4.2	8.2	7.4	10.3	10.9	7.7	7.0	-.11	.62
6	5	87	5	321.	4.1	7.0	6.8	9.2	9.9	7.5	6.8	-.14	.62
6	5	87	6	308.	3.7	6.8	6.0	9.8	11.1	7.7	7.4	-.23	.63
6	5	87	7	309.	4.2	7.8	7.4	9.7	10.0	8.5	8.8	-.39	.61
6	5	87	8	319.	4.5	8.2	7.8	10.9	12.0	9.4	9.3	-.42	.58
6	5	87	9	316.	4.2	8.4	7.8	12.8	14.7	10.8	11.1	-.48	.55
6	5	87	10	298.	3.8	6.6	6.0	11.1	11.9	11.3	11.5	-.70	.54
6	5	87	11	319.	3.2	6.6	5.6	17.3	19.0	12.8	13.2	-.95	.53
6	5	87	12	305.	2.9	7.0	6.8	28.8	31.2	14.0	14.6	-.91	.49
6	5	87	13	319.	3.2	7.4	6.8	24.4	28.9	14.3	14.8	-.63	.48
6	5	87	14	311.	4.1	8.4	8.2	12.5	13.2	14.5	14.8	-.70	.48
6	5	87	15	305.	5.0	9.6	9.0	14.9	17.0	14.9	15.3	-.73	.48
6	5	87	16	323.	5.7	11.0	10.0	13.0	14.1	14.4	14.8	-.63	.48
6	5	87	17	323.	5.0	10.0	9.4	14.0	14.9	14.1	14.3	-.42	.49
6	5	87	18	322.	5.7	10.4	10.0	12.6	13.7	13.3	13.3	-.42	.50
6	5	87	19	322.	5.7	11.2	10.6	11.5	11.7	12.5	12.2	-.36	.50
6	5	87	20	329.	4.8	8.6	8.4	10.7	10.9	11.3	10.7	-.20	.52
6	5	87	21	328.	4.2	7.0	6.6	8.2	9.0	10.1	9.3	-.14	.55
6	5	87	22	344.	3.7	6.4	6.0	7.8	9.7	9.3	8.4	-.11	.57
6	5	87	23	321.	3.2	5.8	5.4	8.1	10.4	8.5	7.7	-.11	.58
6	5	87	24	301.	2.5	5.2	5.0	9.0	17.8	7.9	6.9	-.11	.59

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	5	87	1	326.	3.2	4.6	4.4	5.3	10.7	7.0	6.0	.11	.63
7	5	87	2	330.	3.2	4.4	4.2	4.2	6.1	6.6	5.5	.05	.64
7	5	87	3	333.	3.4	5.2	4.8	5.8	7.8	5.9	4.8	.05	.65
7	5	87	4	336.	2.9	4.6	4.4	5.8	6.1	5.4	4.4	-.01	.65
7	5	87	5	305.	2.8	4.0	3.8	5.1	9.8	4.5	3.8	.17	.72
7	5	87	6	326.	3.2	4.6	4.4	6.6	9.0	4.8	4.8	.08	.71
7	5	87	7	309.	2.5	3.8	3.6	5.3	7.4	5.9	6.4	-.26	.68
7	5	87	8	295.	1.9	3.2	3.0	10.5	12.3	8.2	8.6	-.70	.64
7	5	87	9	288.	1.7	3.4	3.2	14.5	15.4	10.1	10.4	-1.04	.59
7	5	87	10	311.	1.6	4.2	3.8	48.8	51.7	11.2	11.5	-1.04	.56
7	5	87	11	299.	2.4	4.6	4.4	23.8	25.3	11.9	12.4	-1.07	.54
7	5	87	12	307.	2.8	5.8	5.6	18.2	20.1	12.7	13.1	-.98	.52
7	5	87	13	287.	2.8	6.2	5.4	15.8	19.0	13.4	14.0	-.88	.50
7	5	87	14	191.	3.9	8.2	7.8	29.6	49.6	13.6	14.3	-1.04	.52
7	5	87	15	191.	5.3	9.6	8.6	14.2	15.3	12.8	13.6	-.79	.55
7	5	87	16	180.	4.8	8.2	7.6	13.5	15.2	12.8	13.6	-.79	.56
7	5	87	17	188.	4.2	7.6	7.4	14.8	15.3	12.8	13.4	-.60	.58
7	5	87	18	120.	3.1	6.6	6.4	17.7	29.7	12.0	12.1	-.42	.68
7	5	87	19	117.	3.3	5.0	4.8	6.7	7.3	10.4	10.1	-.45	.79
7	5	87	20	115.	3.2	5.0	4.4	6.6	6.7	8.6	8.0	-.23	.86
7	5	87	21	120.	3.2	4.4	4.2	4.0	4.9	7.5	6.7	.05	.89
7	5	87	22	115.	3.0	3.8	3.6	2.4	3.4	7.0	5.9	.27	.91
7	5	87	23	314.	1.0	3.0	2.8	15.4	55.0	6.4	4.8	.20	.92
7	5	87	24	318.	1.4	3.2	2.8	7.8	9.7	6.3	4.7	.20	.90
8	5	87	1	328.	3.0	4.6	4.4	5.4	7.4	5.1	3.7	.48	.87
8	5	87	2	337.	2.8	3.8	3.6	4.9	8.7	4.7	3.4	.33	.83
8	5	87	3	343.	2.8	4.4	4.2	5.4	7.7	4.4	2.8	.39	.85
8	5	87	4	356.	2.0	4.2	4.0	9.0	10.8	3.9	2.1	.55	.86
8	5	87	5	4.	1.5	2.6	2.4	8.8	13.2	3.7	2.3	.73	.85
8	5	87	6	55.	1.5	3.2	3.0	15.0	20.9	5.0	4.7	.02	.84
8	5	87	7	11.	1.0	2.4	2.2	23.6	40.3	6.7	7.1	-.11	.80
8	5	87	8	87.	1.3	3.4	3.2	38.9	57.4	8.5	9.0	-.29	.77
8	5	87	9	157.	1.2	3.6	3.4	78.3	95.7	10.2	10.9	-.60	.71
8	5	87	10	118.	2.9	5.4	5.0	19.5	21.5	10.8	11.2	-.79	.64
8	5	87	11	141.	3.6	6.6	6.2	19.2	21.5	11.1	11.7	-.82	.63
8	5	87	12	143.	3.4	6.8	5.8	19.5	21.1	11.4	11.9	-.67	.67
8	5	87	13	152.	3.9	6.2	5.8	13.6	16.5	11.0	11.5	-.63	.75
8	5	87	14	132.	3.9	6.6	6.0	14.9	17.5	11.2	11.7	-.63	.78
8	5	87	15	162.	4.7	7.8	7.4	14.7	20.8	10.4	10.9	-.63	.82
8	5	87	16	125.	4.0	6.6	6.2	15.0	22.7	9.6	10.1	-.54	.85
8	5	87	17	107.	3.8	6.0	5.8	9.5	11.4	9.3	9.5	-.57	.87
8	5	87	18	118.	3.7	5.4	5.2	7.4	8.6	9.2	9.2	-.57	.89
8	5	87	19	120.	2.9	4.6	4.4	9.0	10.2	8.9	8.8	-.39	.92
8	5	87	20	145.	3.0	4.8	4.6	8.4	12.2	7.9	7.3	-.29	.95
8	5	87	21	111.	2.4	3.8	3.6	10.4	13.3	7.2	6.5	.05	.96
8	5	87	22	292.	2.0	4.2	4.0	54.1	84.8	6.9	6.0	.33	.95
8	5	87	23	307.	1.3	3.2	3.0	8.8	10.6	8.3	6.3	.33	.88
8	5	87	24	302.	2.3	4.0	3.8	7.8	8.7	8.0	6.6	.23	.83
9	5	87	1	302.	2.7	5.4	5.0	7.7	11.2	7.8	6.8	.30	.80
9	5	87	2	311.	1.9	4.8	4.6	13.6	15.9	7.5	6.6	.05	.77
9	5	87	3	302.	2.5	4.6	4.4	5.8	9.7	7.9	6.9	.14	.74
9	5	87	4	291.	2.3	3.0	2.8	4.9	12.7	7.4	6.2	.20	.77
9	5	87	5	311.	2.3	3.2	3.0	5.8	13.1	7.0	5.7	.27	.80
9	5	87	6	288.	1.7	3.2	2.8	10.8	16.2	6.7	6.5	-.04	.80
9	5	87	7	125.	.4	1.4	1.2	43.0	71.8	7.4	7.1	-.32	.81
9	5	87	8	120.	1.1	2.4	2.2	29.1	40.7	8.9	9.0	-.36	.76
9	5	87	9	115.	.9	2.4	2.2	58.1	86.2	10.2	10.1	-.45	.73
9	5	87	10	249.	1.1	2.4	2.4	45.3	57.3	10.3	10.2	-.36	.75
9	5	87	11	149.	1.2	3.6	3.4	53.9	98.7	12.0	12.2	-.67	.71
9	5	87	12	294.	1.0	2.8	2.6	52.6	87.9	11.0	10.7	-.42	.78
9	5	87	13	219.	2.1	4.4	4.0	17.2	41.4	8.9	8.6	-.32	.90
9	5	87	14	249.	2.5	6.8	6.4	17.8	20.9	7.9	7.6	-.32	.94
9	5	87	15	194.	1.9	4.2	4.0	16.2	19.1	8.0	7.9	-.48	.94
9	5	87	16	181.	1.7	4.0	3.8	21.1	23.9	9.4	9.6	-.60	.88
9	5	87	17	112.	1.8	4.2	4.0	30.2	50.2	9.6	9.6	-.48	.91
9	5	87	18	108.	2.5	4.4	4.2	10.0	11.3	8.9	8.7	-.39	.95
9	5	87	19	298.	2.7	10.0	9.2	34.0	81.1	7.4	7.1	-.29	.94
9	5	87	20	332.	3.2	5.6	5.2	14.3	16.2	6.2	5.9	-.23	.93
9	5	87	21	157.	1.3	5.8	5.4	47.1	91.6	6.3	5.8	-.14	.94
9	5	87	22	278.	2.6	4.4	4.2	18.4	19.6	6.0	5.6	-.11	.93
9	5	87	23	294.	2.8	5.6	5.2	8.0	11.4	5.8	5.2	-.01	.89
9	5	87	24	283.	2.7	4.2	4.2	8.1	11.2	5.2	4.3	.05	.88

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	5	87	1	287.	2.8	4.8	4.6	12.1	14.5	4.9	4.2	-.04	.83
10	5	87	2	302.	3.7	5.2	4.8	5.3	8.8	4.4	3.6	.14	.83
10	5	87	3	295.	2.6	4.6	4.4	6.9	11.0	3.7	2.9	.08	.85
10	5	87	4	285.	2.2	3.4	3.2	4.7	7.4	3.3	2.3	.33	.87
10	5	87	5	314.	1.7	3.0	2.8	9.1	16.6	3.4	3.0	.08	.86
10	5	87	6	304.	2.0	2.8	2.8	6.6	12.6	4.7	5.2	-.23	.78
10	5	87	7	309.	1.6	2.6	2.4	12.0	14.6	6.2	6.9	-.39	.75
10	5	87	8	307.	2.3	4.6	4.2	11.3	13.0	7.7	8.4	-.54	.73
10	5	87	9	304.	2.8	4.6	4.2	9.8	10.7	9.1	9.6	-.82	.71
10	5	87	10	304.	3.7	6.4	6.2	9.7	10.0	10.4	10.8	-.82	.64
10	5	87	11	295.	3.9	7.0	6.6	10.9	11.5	11.5	12.1	-.98	.59
10	5	87	12	312.	5.6	11.4	10.8	13.3	17.4	10.6	10.6	-.60	.64
10	5	87	13	308.	6.1	11.4	11.2	10.7	12.3	11.0	11.5	-.73	.63
10	5	87	14	316.	4.5	8.2	7.6	15.8	17.9	11.5	12.0	-.67	.60
10	5	87	15	312.	4.9	9.4	8.8	14.7	16.2	12.1	12.5	-.60	.56
10	5	87	16	27.	3.9	8.2	7.8	17.4	31.7	12.1	12.3	-.51	.53
10	5	87	17	166.	1.8	4.8	4.4	48.1	77.5	11.3	11.7	-.39	.65
10	5	87	18	311.	2.7	9.0	8.6	58.2	86.9	11.2	11.6	-.51	.69
10	5	87	19	308.	6.5	11.2	10.8	11.2	11.5	11.2	11.0	-.42	.50
10	5	87	20	321.	4.9	10.6	9.6	12.4	12.7	10.4	9.6	-.26	.51
10	5	87	21	333.	5.0	10.4	9.4	12.1	13.8	8.9	8.2	-.17	.55
10	5	87	22	301.	3.2	8.2	7.6	15.7	22.9	7.8	7.1	-.17	.57
10	5	87	23	284.	2.7	5.6	5.4	11.8	13.3	6.6	5.8	-.11	.61
10	5	87	24	292.	2.4	5.6	5.2	20.0	21.1	6.0	5.3	-.11	.61
11	5	87	1	307.	2.9	5.4	5.2	13.0	13.5	5.4	4.7	-.11	.62
11	5	87	2	307.	3.1	4.6	4.2	5.3	6.1	4.5	3.7	.11	.66
11	5	87	3	299.	3.4	5.6	5.0	5.4	6.9	4.2	3.3	.14	.67
11	5	87	4	308.	3.9	6.0	5.6	6.9	7.0	3.9	3.2	-.01	.67
11	5	87	5	298.	3.4	5.6	5.2	8.6	9.7	4.0	3.6	-.17	.66
11	5	87	6	319.	2.9	4.8	4.6	8.0	11.8	4.6	4.8	-.36	.66
11	5	87	7	305.	3.3	6.4	6.2	8.7	9.7	5.7	6.2	-.45	.64
11	5	87	8	297.	3.5	6.2	6.0	10.4	11.2	7.3	7.7	-.67	.61
11	5	87	9	308.	2.0	4.2	4.0	15.1	16.2	8.8	9.2	-.95	.59
11	5	87	10	307.	1.2	4.0	3.6	71.2	81.9	10.3	10.9	-1.01	.55
11	5	87	11	212.	1.9	5.8	5.6	55.4	67.6	10.9	11.6	-1.01	.54
11	5	87	12	191.	5.3	9.4	8.4	15.8	19.0	10.1	10.8	-.85	.59
11	5	87	13	173.	5.0	9.4	8.6	16.4	17.7	10.2	10.9	-.76	.61
11	5	87	14	264.	4.8	12.4	12.0	19.5	35.4	9.7	9.8	-.67	.60
11	5	87	15	305.	3.6	10.2	9.8	18.6	20.6	7.7	7.4	-.29	.66
11	5	87	16	118.	1.3	3.4	3.2	45.4	116.6	8.5	8.4	-.36	.67
11	5	87	17	190.	3.1	6.4	6.0	17.7	38.1	9.7	9.8	-.42	.64
11	5	87	18	162.	3.3	6.8	6.4	12.4	14.7	8.9	8.9	-.39	.65
11	5	87	19	139.	2.6	4.8	4.6	10.2	34.0	7.2	6.8	-.29	.77
11	5	87	20	136.	2.5	4.2	3.8	8.7	13.3	6.0	5.3	-.11	.85
11	5	87	21	131.	2.6	3.8	3.6	8.0	11.0	5.2	4.4	-.04	.89
11	5	87	22	125.	2.8	4.0	3.8	6.7	9.0	4.7	3.9	.11	.90
11	5	87	23	79.	1.9	2.8	2.8	4.2	18.1	4.5	3.3	.20	.91
11	5	87	24	46.	1.5	2.2	2.0	4.4	10.4	4.5	2.5	.30	.90
12	5	87	1	11.	1.7	3.0	2.8	7.8	16.3	4.0	2.7	.17	.88
12	5	87	2	8.	1.7	3.0	2.8	7.6	9.8	3.2	1.9	.14	.89
12	5	87	3	32.	2.5	4.4	4.0	10.3	13.2	3.3	2.3	.08	.88
12	5	87	4	357.	1.2	3.0	3.0	65.6	79.8	3.3	2.6	-.04	.88
12	5	87	5	28.	1.8	3.6	3.4	17.6	19.3	3.4	3.0	-.23	.85
12	5	87	6	3.	2.0	4.2	4.0	14.5	16.9	3.5	3.2	-.26	.83
12	5	87	7	14.	2.5	4.4	4.2	12.3	13.0	3.5	3.3	-.29	.86
12	5	87	8	30.	2.7	7.2	6.8	17.4	17.8	3.8	3.6	-.29	.87
12	5	87	9	21.	2.7	5.0	4.8	15.5	17.6	3.9	3.8	-.32	.85
12	5	87	10	32.	3.4	5.8	5.4	15.8	16.0	5.1	5.1	-.39	.83
12	5	87	11	18.	2.8	6.0	5.8	16.9	17.6	5.6	5.6	-.39	.84
12	5	87	12	38.	2.7	5.4	5.0	20.8	21.8	5.8	5.9	-.36	.85
12	5	87	13	28.	3.2	6.2	5.8	17.8	20.4	6.3	6.2	-.42	.83
12	5	87	14	11.	2.7	6.6	6.2	21.2	24.4	6.4	6.3	-.36	.85
12	5	87	15	34.	2.5	7.2	6.8	23.2	29.6	6.7	6.7	-.36	.86
12	5	87	16	32.	2.6	6.0	5.2	18.1	18.4	6.6	6.7	-.36	.87
12	5	87	17	59.	3.1	8.8	8.4	16.9	22.5	6.9	6.7	-.39	.86
12	5	87	18	30.	4.0	9.4	9.0	14.7	17.0	5.1	4.8	-.29	.90
12	5	87	19	357.	3.4	6.8	6.0	12.4	17.0	4.7	4.4	-.26	.90
12	5	87	20	0.	2.9	6.8	6.4	12.8	13.6	4.5	4.1	-.26	.90
12	5	87	21	35.	2.5	5.8	5.6	16.5	21.2	4.7	4.4	-.20	.91
12	5	87	22	35.	3.2	8.0	7.2	15.5	17.9	4.8	4.4	-.20	.91
12	5	87	23	17.	3.2	8.6	8.2	19.5	22.0	4.7	4.3	-.20	.89
12	5	87	24	31.	4.2	9.8	9.2	17.7	18.5	4.2	3.8	-.20	.88

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	5	87	1	14.	4.6	9.4	8.6	12.8	13.0	3.8	3.4	-.20	.88
13	5	87	2	14.	5.1	10.6	10.2	14.5	15.3	3.8	3.4	-.20	.87
13	5	87	3	21.	4.9	9.8	9.2	13.3	13.6	4.0	3.6	-.17	.84
13	5	87	4	0.	5.0	9.2	9.0	12.4	14.1	4.1	3.7	-.20	.81
13	5	87	5	11.	4.8	10.8	9.4	14.5	14.9	4.1	3.7	-.20	.79
13	5	87	6	351.	4.6	11.6	10.4	13.0	13.6	4.2	3.8	-.20	.78
13	5	87	7	353.	5.0	10.2	9.2	13.9	14.2	4.3	3.9	-.20	.76
13	5	87	8	351.	5.5	11.8	11.2	13.8	14.1	4.5	4.2	-.23	.74
13	5	87	9	0.	5.5	13.0	12.4	13.7	13.8	4.7	4.4	-.23	.73
13	5	87	10	359.	4.7	11.4	9.6	14.9	15.3	4.9	4.6	-.23	.74
13	5	87	11	356.	5.1	10.2	9.4	13.3	13.6	5.1	4.8	-.23	.73
13	5	87	12	347.	4.8	10.4	10.0	13.8	14.0	5.5	5.2	-.23	.72
13	5	87	13	337.	5.2	10.4	9.8	12.6	13.0	5.7	5.4	-.23	.72
13	5	87	14	333.	4.8	10.4	10.0	12.5	12.9	6.1	5.8	-.23	.71
13	5	87	15	326.	4.4	9.6	9.0	12.5	13.0	6.5	6.3	-.26	.71
13	5	87	16	322.	4.2	9.2	8.8	12.7	13.6	7.1	7.0	-.32	.70
13	5	87	17	340.	3.7	7.8	7.4	13.8	15.3	7.6	7.5	-.29	.69
13	5	87	18	323.	4.2	9.4	8.8	13.1	15.3	7.5	7.2	-.26	.70
13	5	87	19	326.	3.0	7.2	6.8	12.7	13.4	7.4	7.1	-.26	.69
13	5	87	20	0.	2.5	5.0	4.6	14.1	20.1	7.1	6.7	-.20	.70
13	5	87	21	4.	1.6	4.4	4.0	11.7	12.9	6.6	6.1	-.20	.73
13	5	87	22	273.	1.1	3.4	3.2	38.6	48.9	5.9	5.1	-.11	.81
13	5	87	23	225.	1.0	2.0	1.8	16.6	19.8	5.8	5.0	-.08	.80
13	5	87	24	328.	1.6	3.4	3.2	14.6	37.9	5.5	4.8	.02	.81
14	5	87	1	309.	1.9	3.0	2.8	10.7	22.1	5.4	4.6	-.01	.82
14	5	87	2	318.	1.9	2.4	2.4	4.2	8.6	4.6	4.0	.42	.87
14	5	87	3	283.	1.5	2.6	2.4	7.3	14.7	4.4	3.6	.23	.88
14	5	87	4	319.	.4	1.2	1.0	34.3	38.3	4.2	2.9	.02	.90
14	5	87	5	346.	.8	1.6	1.4	14.1	19.7	4.0	3.2	.23	.89
14	5	87	6	103.	.5	1.4	1.2	24.2	52.7	4.7	4.2	.05	.88
14	5	87	7	127.	1.4	2.8	2.6	10.8	14.8	5.6	5.5	-.29	.82
14	5	87	8	135.	2.0	3.6	3.4	13.8	14.1	6.9	7.0	-.39	.78
14	5	87	9	127.	2.7	5.0	4.8	15.3	16.8	7.9	8.2	-.45	.77
14	5	87	10	135.	4.1	8.6	7.8	13.6	15.6	8.5	8.8	-.57	.75
14	5	87	11	128.	4.5	8.4	8.0	17.1	19.3	9.1	9.5	-.63	.80
14	5	87	12	139.	4.8	8.0	7.6	14.7	16.2	9.1	9.5	-.57	.83
14	5	87	13	128.	5.0	9.2	8.8	15.5	16.8	9.2	9.8	-.63	.83
14	5	87	14	125.	4.2	8.0	7.0	14.5	17.6	8.9	9.2	-.63	.85
14	5	87	15	129.	4.0	6.8	6.2	13.2	14.5	8.6	8.9	-.51	.86
14	5	87	16	148.	4.9	9.0	8.6	14.9	17.7	9.1	9.4	-.51	.80
14	5	87	17	148.	4.8	9.2	8.4	15.4	15.7	9.2	9.6	-.45	.75
14	5	87	18	153.	4.6	8.6	8.0	15.7	16.6	8.5	8.8	-.39	.79
14	5	87	19	180.	3.7	8.6	8.0	16.0	21.4	8.3	8.3	-.26	.79
14	5	87	20	150.	4.1	8.8	8.4	15.7	20.0	6.9	6.4	-.26	.82
14	5	87	21	166.	3.2	7.2	6.8	16.6	17.6	6.3	5.7	-.20	.85
14	5	87	22	160.	3.4	5.6	5.2	12.6	13.4	6.0	5.5	-.20	.88
14	5	87	23	145.	3.9	7.4	7.0	11.2	12.3	5.8	5.2	-.14	.88
14	5	87	24	142.	3.6	6.6	6.2	10.5	10.9	5.7	5.1	-.11	.89
15	5	87	1	146.	3.0	5.0	4.8	9.8	10.2	5.5	4.9	-.08	.90
15	5	87	2	159.	2.3	4.4	4.2	10.6	11.1	4.9	4.1	-.14	.88
15	5	87	3	163.	1.9	3.6	3.4	12.3	12.5	4.3	3.6	-.11	.86
15	5	87	4	169.	1.7	3.4	3.4	8.7	9.5	3.8	2.5	.05	.88
15	5	87	5	153.	1.4	2.6	2.4	7.4	13.9	4.5	4.1	.08	.86
15	5	87	6	120.	.6	1.6	1.6	27.4	48.8	5.9	5.7	-.01	.83
15	5	87	7	351.	.2	1.4	1.2	88.2	121.8	7.2	7.4	.27	.81
15	5	87	8	112.	1.5	3.6	3.4	58.8	83.7	8.1	8.7	-.42	.76
15	5	87	9	167.	2.0	5.0	4.6	34.8	38.2	8.9	9.5	-.54	.66
15	5	87	10	162.	2.4	4.8	4.4	24.6	26.8	9.8	10.4	-.76	.65
15	5	87	11	136.	2.9	6.0	5.6	23.6	26.0	10.3	11.0	-.79	.64
15	5	87	12	143.	3.8	6.4	6.2	18.2	20.0	10.3	10.9	-.63	.75
15	5	87	13	124.	3.6	6.2	5.6	16.5	17.1	10.8	11.4	-.70	.67
15	5	87	14	142.	3.3	5.8	5.6	22.1	25.3	11.4	12.1	-.67	.65
15	5	87	15	125.	3.4	6.0	5.6	17.0	19.1	11.5	12.0	-.57	.64
15	5	87	16	122.	3.6	6.0	5.6	12.8	13.3	11.3	11.7	-.57	.62
15	5	87	17	157.	2.7	5.2	4.8	17.5	21.0	11.5	11.8	-.45	.62
15	5	87	18	157.	2.3	4.2	4.0	17.5	20.2	11.3	11.5	-.29	.64
15	5	87	19	141.	1.6	2.8	2.6	12.3	18.1	10.7	10.5	-.36	.66
15	5	87	20	179.	.7	2.0	1.8	8.1	17.2	9.6	8.4	-.23	.78
15	5	87	21	347.	.9	1.8	1.8	18.2	57.1	8.7	6.7	.11	.81
15	5	87	22	21.	1.4	3.6	3.4	8.6	22.3	8.5	6.2	.17	.82
15	5	87	23	359.	1.7	3.0	2.8	9.0	13.1	7.5	6.0	.36	.83
15	5	87	24	336.	1.3	3.2	2.8	9.7	12.7	6.7	5.5	.23	.85

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	5	87	1	351.	1.9	3.8	3.4	6.0	8.9	6.1	5.0	.36	.86
16	5	87	2	326.	2.2	3.2	3.2	8.0	16.7	5.2	4.4	.23	.88
16	5	87	3	329.	2.4	4.4	4.0	9.7	15.8	4.6	3.6	.33	.89
16	5	87	4	332.	1.7	4.2	4.0	12.1	19.1	3.9	3.2	.14	.90
16	5	87	5	325.	2.3	4.8	4.4	9.0	14.2	3.9	3.6	.39	.89
16	5	87	6	11.	1.4	3.4	3.2	11.8	21.2	4.7	4.4	.20	.88
16	5	87	7	8.	2.5	5.0	4.6	11.1	12.7	6.6	6.3	-.14	.80
16	5	87	8	42.	2.6	5.4	5.0	15.4	17.8	7.8	7.7	-.29	.77
16	5	87	9	77.	3.7	9.6	9.0	19.6	22.8	9.5	9.4	-.48	.72
16	5	87	10	82.	3.4	7.6	7.2	19.3	22.0	9.6	9.5	-.45	.73
16	5	87	11	69.	4.2	9.2	8.8	19.8	21.6	10.3	10.1	-.45	.71
16	5	87	12	70.	4.1	8.4	7.8	19.8	20.5	10.9	10.7	-.48	.72
16	5	87	13	62.	3.8	7.2	6.6	21.2	21.8	11.2	11.1	-.48	.74
16	5	87	14	83.	3.5	7.4	6.6	16.9	19.3	11.3	11.1	-.45	.75
16	5	87	15	73.	3.7	7.8	7.2	16.0	16.7	10.9	10.6	-.39	.77
16	5	87	16	112.	3.7	6.6	6.4	14.7	18.3	10.5	10.2	-.36	.79
16	5	87	17	115.	3.3	5.8	5.2	10.0	11.6	9.0	8.6	-.29	.88
16	5	87	18	58.	1.2	3.0	2.8	11.3	26.5	8.4	8.1	-.26	.94
16	5	87	19	62.	1.0	2.4	2.4	18.0	20.7	8.6	8.2	-.20	.94
16	5	87	20	18.	1.2	4.0	3.8	12.2	26.8	8.4	7.9	-.11	.95
16	5	87	21	44.	2.1	3.8	3.6	8.8	13.5	8.0	7.2	-.04	.94
16	5	87	22	1.	1.7	3.2	3.0	10.1	18.2	7.8	7.2	-.08	.94
16	5	87	23	10.	1.7	3.4	3.0	13.0	14.3	7.8	7.2	-.14	.93
16	5	87	24	357.	1.8	4.0	3.6	13.1	18.2	7.6	7.0	-.14	.93
17	5	87	1	347.	2.2	3.8	3.4	7.4	11.8	7.0	6.3	.08	.95
17	5	87	2	332.	2.1	4.8	4.2	8.6	13.1	7.2	6.5	-.04	.94
17	5	87	3	333.	2.5	4.4	4.2	7.2	9.4	6.6	5.9	-.04	.93
17	5	87	4	332.	2.2	3.4	3.2	6.0	9.6	5.8	4.8	.11	.95
17	5	87	5	346.	2.3	3.6	3.4	4.7	8.4	5.5	4.6	.17	.94
17	5	87	6	344.	2.3	4.0	3.8	6.6	14.7	5.5	5.1	.17	.93
17	5	87	7	328.	2.7	4.8	4.6	8.8	11.1	6.4	6.2	-.17	.90
17	5	87	8	330.	2.4	4.2	4.0	10.5	12.0	7.4	7.1	-.14	.89
17	5	87	9	312.	1.7	2.6	2.4	8.8	11.6	8.3	8.1	-.39	.87
17	5	87	10	277.	1.3	2.6	2.6	16.7	34.5	8.1	7.8	-.29	.91
17	5	87	11	299.	2.3	4.0	3.6	7.2	18.3	7.7	7.5	-.36	.96
17	5	87	12	287.	2.5	4.2	4.0	9.3	10.7	8.4	8.3	-.42	.93
17	5	87	13	274.	2.2	4.0	3.8	8.7	9.4	9.2	9.0	-.45	.92
17	5	87	14	207.	1.3	2.6	2.4	17.0	23.0	10.6	10.6	-.63	.92
17	5	87	15	139.	1.9	3.4	3.2	21.1	29.1	11.4	11.6	-.60	.87
17	5	87	16	153.	1.9	4.2	3.8	14.9	21.3	9.7	9.5	-.36	.94
17	5	87	17	219.	1.5	3.2	3.0	27.7	39.5	9.0	8.7	-.29	.96
17	5	87	18	188.	2.0	3.8	3.4	13.3	16.8	8.7	8.5	-.26	.96
17	5	87	19	120.	1.5	3.8	3.6	18.4	28.2	9.2	9.0	-.29	.95
17	5	87	20	114.	1.4	2.2	2.0	8.6	20.0	8.6	8.2	-.04	.97
17	5	87	21	91.	1.5	2.0	2.0	9.2	13.8	8.4	7.7	.08	.97
17	5	87	22	60.	1.1	1.6	1.4	4.2	9.3	8.2	7.3	.27	.97
17	5	87	23	131.	1.2	2.2	2.0	11.2	29.7	8.0	7.1	.08	.96
17	5	87	24	233.	.6	1.2	1.0	12.0	28.2	7.9	7.1	.20	.96
18	5	87	1	304.	.9	2.4	2.2	28.1	44.4	7.6	6.8	.14	.96
18	5	87	2	318.	1.8	2.8	2.6	3.7	7.4	7.3	6.6	.45	.96
18	5	87	3	318.	2.1	3.8	3.6	7.0	14.8	7.3	6.7	.05	.95
18	5	87	4	302.	2.6	4.0	3.8	4.4	8.3	6.8	6.3	-.01	.95
18	5	87	5	325.	1.7	2.8	2.6	6.0	12.3	6.8	6.3	.23	.95
18	5	87	6	304.	2.2	3.6	3.4	4.4	15.2	7.3	6.9	-.11	.95
18	5	87	7	299.	2.3	3.8	3.6	7.0	9.1	8.4	8.2	-.32	.85
18	5	87	8	344.	1.2	2.4	2.2	13.6	19.6	9.2	9.0	-.36	.81
18	5	87	9	231.	.6	2.2	2.2	44.6	52.9	10.0	9.8	-.48	.81
18	5	87	10	160.	.9	2.0	1.8	18.3	32.1	10.7	10.6	-.42	.79
18	5	87	11	132.	1.2	2.6	2.4	16.7	21.2	11.1	11.0	-.29	.86
18	5	87	12	125.	2.2	3.6	3.2	12.0	14.6	12.0	12.1	-.48	.86
18	5	87	13	101.	2.3	4.0	3.8	11.7	14.9	12.9	13.0	-.45	.77
18	5	87	14	150.	2.0	4.0	3.8	26.9	38.3	13.0	12.9	-.39	.74
18	5	87	15	120.	2.9	5.2	5.0	12.3	14.7	12.4	12.3	-.45	.77
18	5	87	16	125.	3.0	5.0	4.8	9.6	11.2	11.2	11.0	-.42	.83
18	5	87	17	143.	3.2	5.4	5.2	11.5	12.6	11.1	11.1	-.42	.83
18	5	87	18	127.	2.3	4.0	3.8	11.0	13.1	10.6	10.4	-.32	.83
18	5	87	19	148.	2.5	4.0	3.8	9.4	12.7	9.7	9.3	-.26	.86
18	5	87	20	136.	2.3	4.4	4.2	10.7	15.5	9.1	8.7	-.17	.92
18	5	87	21	150.	2.0	3.4	3.2	9.0	10.2	8.5	8.0	-.17	.95
18	5	87	22	329.	.8	2.4	2.2	50.6	119.4	7.9	6.8	-.14	.95
18	5	87	23	299.	1.9	3.0	2.8	4.2	8.6	7.5	6.6	.05	.95
18	5	87	24	6.	1.2	2.0	2.0	17.3	29.0	7.2	6.1	.27	.94

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	5	87	1	335.	1.7	4.8	4.4	15.7	26.8	6.6	5.5	.20	.94
19	5	87	2	337.	3.5	4.8	4.6	4.4	6.1	6.3	5.4	.20	.90
19	5	87	3	332.	3.5	5.0	4.6	5.4	8.0	5.9	5.1	.20	.90
19	5	87	4	13.	2.5	4.4	4.2	7.4	16.8	6.0	5.2	.11	.88
19	5	87	5	356.	1.4	2.8	2.6	10.2	20.8	6.3	5.7	-.01	.87
19	5	87	6	337.	1.1	2.2	2.0	10.1	16.6	7.0	6.7	.02	.87
19	5	87	7	284.	.5	1.6	1.6	46.0	54.4	9.1	9.7	-.11	.81
19	5	87	8	291.	.7	2.8	2.6	55.5	80.1	10.7	10.9	-.45	.78
19	5	87	9	298.	1.2	3.6	3.4	37.8	41.9	11.3	11.6	-.82	.66
19	5	87	10	146.	1.3	4.0	3.8	58.0	81.9	12.4	12.5	-1.01	.65
19	5	87	11	132.	2.8	7.2	7.2	36.7	39.2	12.5	12.9	-.76	.72
19	5	87	12	173.	4.2	7.6	7.4	13.7	18.1	10.3	10.5	-.48	.85
19	5	87	13	160.	3.5	7.6	7.2	14.4	17.9	8.9	8.9	-.39	.89
19	5	87	14	156.	3.1	5.6	5.4	18.3	20.9	10.0	10.4	-.45	.87
19	5	87	15	156.	3.2	6.4	5.8	19.6	22.7	10.8	11.3	-.48	.85
19	5	87	16	128.	3.1	6.0	5.8	18.4	24.9	10.6	10.9	-.45	.79
19	5	87	17	127.	2.1	5.0	4.8	16.0	19.4	10.3	10.2	-.45	.74
19	5	87	18	142.	1.6	2.8	2.6	10.9	15.5	10.0	9.8	-.36	.74
19	5	87	19	39.	2.5	8.0	7.8	40.8	54.0	7.5	7.0	-.29	.90
19	5	87	20	339.	1.9	4.0	3.8	14.9	29.3	6.1	5.8	-.29	.93
19	5	87	21	3.	3.1	6.8	5.8	10.6	13.3	6.2	5.8	-.26	.91
19	5	87	22	344.	3.6	8.6	7.6	12.7	15.1	5.8	5.4	-.26	.91
19	5	87	23	346.	3.2	7.2	6.8	10.6	12.0	5.7	5.3	-.26	.92
19	5	87	24	349.	3.3	6.8	6.4	11.4	13.7	5.6	5.2	-.26	.92
20	5	87	1	350.	3.6	7.0	6.6	10.8	11.8	5.3	4.9	-.26	.92
20	5	87	2	11.	4.5	9.6	9.2	13.0	14.3	5.7	5.3	-.23	.89
20	5	87	3	10.	5.5	12.4	11.6	12.8	13.0	5.9	5.4	-.20	.89
20	5	87	4	13.	6.0	12.4	11.8	13.6	14.1	6.0	5.6	-.20	.89
20	5	87	5	10.	6.9	13.0	12.4	13.6	13.8	6.2	5.7	-.20	.85
20	5	87	6	0.	5.6	13.2	12.2	12.6	13.6	6.3	5.9	-.23	.82
20	5	87	7	3.	5.2	11.2	10.8	14.3	14.6	6.7	6.4	-.23	.77
20	5	87	8	3.	5.9	12.8	11.6	14.1	14.5	6.9	6.5	-.23	.74
20	5	87	9	4.	6.1	13.6	12.6	14.3	14.7	7.6	7.3	-.23	.70
20	5	87	10	20.	6.3	15.0	14.0	19.4	20.4	9.6	9.7	-.39	.66
20	5	87	11	13.	3.9	10.8	10.2	20.9	21.8	10.8	11.0	-.45	.64
20	5	87	12	60.	5.1	8.8	8.4	17.3	23.4	11.8	12.1	-.54	.61
20	5	87	13	13.	3.4	8.2	7.4	27.5	31.7	13.3	13.7	-.67	.57
20	5	87	14	55.	3.1	8.6	7.4	31.2	33.6	14.1	14.6	-.54	.54
20	5	87	15	79.	2.6	7.4	7.2	39.2	45.0	14.5	14.7	-.57	.51
20	5	87	16	172.	2.0	7.0	6.4	59.0	71.5	14.1	14.3	-.51	.53
20	5	87	17	174.	3.7	7.0	6.6	12.4	13.0	10.1	10.0	-.39	.75
20	5	87	18	162.	2.2	4.4	4.2	14.7	20.2	10.0	9.9	-.32	.77
20	5	87	19	59.	.5	2.2	2.0	28.6	47.3	10.0	9.7	-.36	.79
20	5	87	20	329.	1.4	4.2	4.0	24.6	33.8	9.4	8.9	-.08	.86
20	5	87	21	351.	3.3	7.8	6.8	9.4	13.9	9.6	9.0	-.04	.75
20	5	87	22	354.	3.8	7.2	7.0	11.2	11.3	9.6	8.8	-.17	.64
20	5	87	23	359.	4.9	10.8	10.2	12.0	12.4	9.1	8.3	-.17	.63
20	5	87	24	3.	5.4	11.4	10.6	12.7	12.9	8.3	7.6	-.17	.65
21	5	87	1	357.	5.3	11.0	10.0	12.3	13.0	7.9	7.3	-.17	.66
21	5	87	2	354.	4.9	10.0	9.4	12.5	12.8	7.6	6.9	-.17	.67
21	5	87	3	354.	4.8	11.8	11.0	11.8	12.3	7.3	6.6	-.20	.68
21	5	87	4	349.	4.4	9.2	8.2	12.3	12.7	6.9	6.2	-.17	.70
21	5	87	5	6.	5.7	13.8	12.0	13.2	14.1	7.3	6.8	-.17	.70
21	5	87	6	0.	6.2	13.0	12.2	13.1	13.5	7.6	7.3	-.20	.70
21	5	87	7	6.	6.9	15.0	12.8	14.7	15.1	8.6	8.7	-.23	.70
21	5	87	8	15.	7.2	15.0	13.6	16.3	16.6	9.5	9.7	-.36	.69
21	5	87	9	11.	7.0	14.6	13.6	17.2	19.5	9.8	9.7	-.32	.67
21	5	87	10	25.	7.5	14.2	13.4	15.2	17.3	10.1	9.9	-.29	.65
21	5	87	11	28.	6.1	12.2	11.8	19.0	19.5	10.8	10.7	-.36	.65
21	5	87	12	38.	7.4	15.0	14.2	18.1	18.4	11.7	11.5	-.42	.61
21	5	87	13	38.	7.9	15.8	14.6	17.3	18.4	12.3	12.1	-.39	.59
21	5	87	14	34.	6.9	13.4	13.0	18.2	19.4	12.6	12.4	-.32	.59
21	5	87	15	37.	7.1	14.0	12.8	18.8	19.5	13.2	13.1	-.39	.59
21	5	87	16	30.	6.9	13.0	12.4	17.4	18.1	13.2	12.9	-.29	.60
21	5	87	17	35.	6.7	12.8	12.0	16.6	16.8	13.3	12.8	-.23	.59
21	5	87	18	31.	5.8	13.2	12.0	16.3	16.6	13.3	12.8	-.20	.60
21	5	87	19	14.	4.4	8.8	8.0	13.8	16.2	13.2	12.6	-.17	.61
21	5	87	20	13.	3.7	8.2	7.0	12.9	13.3	13.0	12.3	-.14	.61
21	5	87	21	6.	3.4	7.0	6.8	9.7	10.7	12.8	11.9	-.11	.63
21	5	87	22	8.	3.6	7.6	7.0	9.6	9.9	12.5	11.7	-.08	.64
21	5	87	23	4.	4.1	7.8	7.4	10.6	10.9	12.4	11.6	-.08	.63
21	5	87	24	11.	4.9	8.6	8.4	11.2	11.3	12.0	11.3	-.14	.63

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	5	87	1	8.	4.6	9.4	8.4	13.0	13.2	11.5	10.8	-.17	.63
22	5	87	2	8.	3.8	9.6	8.6	15.2	15.5	10.8	10.1	-.17	.63
22	5	87	3	356.	3.9	7.0	6.8	10.0	10.9	9.9	9.1	-.14	.64
22	5	87	4	342.	3.3	6.6	6.4	9.9	10.7	9.0	8.1	-.14	.66
22	5	87	5	7.	3.6	6.4	5.8	10.4	13.1	9.1	8.6	-.08	.66
22	5	87	6	22.	4.1	7.8	7.6	14.5	15.1	10.0	9.9	-.17	.65
22	5	87	7	28.	3.1	7.6	7.0	15.1	18.0	11.3	11.6	-.17	.65
22	5	87	8	35.	3.3	6.6	6.4	21.5	23.2	12.6	13.1	-.32	.64
22	5	87	9	53.	3.1	7.0	6.6	24.6	27.0	14.2	14.6	-.67	.64
22	5	87	10	37.	3.4	8.0	7.6	27.1	29.3	15.2	15.5	-.79	.62
22	5	87	11	52.	3.4	8.4	7.8	28.2	31.8	16.0	16.5	-.73	.61
22	5	87	12	11.	3.0	6.6	6.4	39.9	44.7	17.2	17.5	-.88	.60
22	5	87	13	235.	1.7	5.4	5.0	71.8	110.7	18.3	18.7	-1.01	.58
22	5	87	14	163.	2.0	9.6	8.6	65.7	92.9	19.0	19.6	-.76	.58
22	5	87	15	169.	2.0	4.2	3.8	34.8	36.1	19.3	20.2	-.79	.59
22	5	87	16	121.	2.0	4.2	4.0	25.2	29.7	19.1	19.7	-.45	.61
22	5	87	17	118.	2.5	4.6	4.2	13.5	15.3	18.5	18.7	-.45	.62
22	5	87	18	136.	2.3	4.4	4.2	11.9	13.5	17.8	17.8	-.42	.64
22	5	87	19	152.	1.4	2.6	2.4	14.6	18.8	17.7	17.5	-.26	.65
22	5	87	20	170.	1.1	2.4	2.2	16.6	29.0	16.6	15.1	.27	.66
22	5	87	21	229.	1.1	2.6	2.4	9.6	19.1	15.4	13.0	.39	.69
22	5	87	22	335.	1.6	2.6	2.4	9.0	41.2	14.5	12.5	.27	.68
22	5	87	23	307.	2.9	4.4	4.2	3.4	9.1	13.3	11.4	.79	.72
22	5	87	24	326.	3.7	5.6	5.4	3.1	8.8	12.2	10.6	.61	.78
23	5	87	1	307.	3.8	5.6	5.4	3.7	8.6	10.5	9.0	.70	.83
23	5	87	2	332.	3.9	5.8	5.4	5.3	7.7	10.3	8.7	.39	.83
23	5	87	3	332.	4.1	5.8	5.4	5.8	7.3	9.8	8.5	.33	.80
23	5	87	4	332.	3.8	5.6	5.4	5.1	5.8	10.0	8.7	.23	.77
23	5	87	5	326.	3.3	5.2	5.0	6.4	7.4	10.0	9.5	.11	.75
23	5	87	6	340.	3.2	5.0	4.8	8.0	9.0	11.1	11.1	-.08	.72
23	5	87	7	328.	1.9	3.6	3.4	12.6	15.1	12.7	13.4	-.20	.70
23	5	87	8	314.	2.1	3.4	3.2	11.8	12.5	15.0	15.7	-.54	.67
23	5	87	9	307.	2.3	3.8	3.6	12.6	13.6	17.3	17.8	-.73	.63
23	5	87	10	312.	2.3	4.2	4.0	14.7	15.3	19.5	20.0	-.95	.58
23	5	87	11	299.	2.4	5.0	4.6	16.8	22.6	21.5	21.9	-.85	.54
23	5	87	12	280.	2.5	4.8	4.4	13.8	15.1	23.0	23.1	-.98	.50
23	5	87	13	120.	2.9	6.0	5.8	48.7	98.3	22.3	22.4	-.73	.54
23	5	87	14	121.	3.4	5.6	5.4	11.8	12.8	19.3	19.6	-.51	.65
23	5	87	15	121.	3.2	5.4	5.4	12.0	12.9	19.1	19.4	-.54	.68
23	5	87	16	108.	2.8	4.4	4.2	11.2	12.3	19.6	19.8	-.45	.69
23	5	87	17	139.	2.4	4.2	4.2	12.6	15.7	19.8	19.9	-.39	.70
23	5	87	18	107.	2.3	4.0	3.8	13.3	16.1	20.6	20.5	-.32	.69
23	5	87	19	141.	2.4	4.2	3.8	7.3	11.0	20.8	20.4	.23	.67
23	5	87	20	42.	2.0	6.8	6.6	19.8	31.9	22.0	19.7	.20	.67
23	5	87	21	39.	3.9	7.2	6.6	15.1	15.5	21.7	20.7	.05	.59
23	5	87	22	14.	3.4	9.2	8.8	15.3	17.8	20.4	19.2	-.01	.55
23	5	87	23	20.	5.4	10.8	10.2	14.7	15.8	19.0	18.1	-.08	.51
23	5	87	24	25.	5.4	11.8	11.2	14.8	15.7	17.1	16.4	-.14	.49
24	5	87	1	45.	5.0	13.2	12.4	14.8	16.1	15.7	14.9	-.04	.47
24	5	87	2	41.	5.4	12.6	10.4	18.2	20.3	14.0	13.3	-.17	.51
24	5	87	3	14.	5.2	11.8	11.0	16.6	18.4	12.3	11.6	-.17	.56
24	5	87	4	11.	4.4	10.4	9.8	16.3	17.3	10.9	10.2	-.20	.62
24	5	87	5	25.	3.8	8.0	7.6	16.9	20.3	10.1	9.5	-.20	.66
24	5	87	6	37.	4.1	8.4	8.0	17.2	21.5	9.9	9.6	-.23	.69
24	5	87	7	34.	4.0	9.2	9.0	18.2	18.6	10.7	10.9	-.32	.70
24	5	87	8	28.	4.0	7.6	7.0	21.8	23.5	12.1	12.5	-.54	.71
24	5	87	9	45.	2.7	6.0	5.8	27.4	29.3	13.2	13.8	-.63	.71
24	5	87	10	34.	2.9	7.2	6.8	34.0	36.8	14.3	15.0	-.73	.71
24	5	87	11	60.	2.9	7.4	6.8	31.0	32.5	15.2	15.9	-.88	.70
24	5	87	12	75.	3.0	7.8	7.4	27.5	30.6	15.8	16.3	-.91	.70
24	5	87	13	90.	3.4	7.2	6.6	22.5	24.3	16.3	16.8	-.79	.69
24	5	87	14	67.	2.8	7.8	7.4	41.0	44.2	17.2	17.8	-.82	.68
24	5	87	15	200.	2.4	5.6	5.4	53.9	81.4	17.4	18.1	-.91	.69
24	5	87	16	200.	3.6	7.0	6.4	15.3	15.8	17.2	18.0	-.85	.69
24	5	87	17	191.	3.4	6.8	6.6	13.3	14.7	17.6	18.4	-.85	.68
24	5	87	18	200.	3.3	6.2	5.8	11.0	12.4	17.3	17.8	-.70	.68
24	5	87	19	198.	2.5	4.2	4.2	10.9	11.1	17.3	17.9	-.70	.67
24	5	87	20	229.	1.7	3.0	2.8	11.8	16.1	16.6	15.7	-.54	.68
24	5	87	21	250.	1.6	2.8	2.6	12.3	14.5	15.2	14.1	-.20	.69
24	5	87	22	314.	2.1	3.2	3.0	6.4	22.6	14.1	12.5	.17	.72
24	5	87	23	351.	2.7	4.0	3.8	23.8	26.3	12.9	11.4	.67	.77
24	5	87	24	201.	1.9	3.4	3.2	42.6	45.7	11.7	9.5	.51	.85

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	5	87	1	212.	.6	1.2	1.2	22.5	33.3	11.1	9.0	.23	.86
25	5	87	2	333.	1.4	3.4	3.2	14.4	32.5	9.4	7.5	.64	.92
25	5	87	3	333.	2.5	4.4	4.2	4.9	7.0	7.9	6.5	.67	.93
25	5	87	4	322.	2.1	3.8	3.4	6.4	13.0	7.0	5.8	.30	.94
25	5	87	5	318.	2.7	3.8	3.6	4.4	8.3	6.9	6.7	.61	.90
25	5	87	6	308.	1.9	2.8	2.6	5.8	10.4	8.5	8.9	-.20	.85
25	5	87	7	299.	1.3	2.6	2.4	12.4	14.1	11.2	11.8	-.36	.76
25	5	87	8	284.	.6	2.0	1.8	63.1	68.0	14.7	15.4	-.54	.73
25	5	87	9	333.	.9	2.2	2.0	23.9	29.0	16.9	17.6	-.88	.68
25	5	87	10	120.	1.8	4.6	4.2	43.7	72.2	17.7	18.2	-.79	.71
25	5	87	11	124.	3.0	5.0	4.6	12.2	13.3	17.3	17.7	-.79	.73
25	5	87	12	132.	3.5	6.6	6.2	14.2	17.2	18.8	19.2	-.67	.68
25	5	87	13	159.	4.2	8.4	8.0	19.3	20.9	20.1	20.7	-.63	.63
25	5	87	14	195.	5.4	9.2	9.0	13.8	15.5	20.1	20.8	-.82	.61
25	5	87	15	187.	6.2	10.4	9.4	12.3	13.3	19.7	20.3	-.76	.59
25	5	87	16	197.	4.8	9.2	8.4	15.7	16.5	19.5	20.1	-.67	.58
25	5	87	17	186.	4.6	8.8	8.4	14.8	16.0	19.3	19.8	-.63	.57
25	5	87	18	118.	3.1	6.4	6.2	21.4	32.8	18.9	19.1	-.39	.58
25	5	87	19	101.	3.6	5.4	5.2	8.1	9.6	16.7	16.5	-.48	.64
25	5	87	20	120.	4.0	5.6	5.2	6.1	8.7	14.2	13.6	-.39	.71
25	5	87	21	105.	3.6	4.8	4.4	4.2	5.3	11.9	11.1	-.04	.84
25	5	87	22	72.	2.3	4.2	4.0	5.4	13.0	10.7	9.7	.39	.93
25	5	87	23	307.	2.0	3.2	3.2	17.6	38.1	10.8	9.3	1.10	.91
25	5	87	24	311.	3.5	4.8	4.6	2.4	11.1	11.2	9.7	1.07	.86
26	5	87	1	322.	3.5	4.4	4.4	2.4	7.4	12.7	11.0	.89	.80
26	5	87	2	353.	3.0	5.6	5.2	9.1	17.3	13.3	11.3	.61	.75
26	5	87	3	351.	2.6	7.2	6.8	10.8	11.7	13.5	11.7	.27	.72
26	5	87	4	7.	2.2	4.0	4.0	11.5	18.9	13.3	11.5	.23	.70
26	5	87	5	10.	2.4	4.6	4.4	11.3	12.7	14.0	13.2	.02	.65
26	5	87	6	21.	2.7	6.8	6.4	14.8	16.6	14.2	14.2	-.11	.62
26	5	87	7	1.	2.2	5.0	4.8	18.5	19.8	14.9	15.5	-.14	.59
26	5	87	8	66.	2.7	6.8	6.2	27.3	35.4	16.1	16.7	-.54	.55
26	5	87	9	31.	2.8	7.2	6.8	32.9	34.7	16.8	17.5	-.73	.56
26	5	87	10	97.	3.1	6.8	6.2	26.4	38.9	17.3	17.8	-.79	.55
26	5	87	11	91.	2.6	6.2	6.0	30.8	31.7	18.5	18.8	-.98	.52
26	5	87	12	83.	3.6	7.8	7.2	19.0	20.7	19.0	19.3	-.95	.46
26	5	87	13	98.	3.0	7.0	6.6	30.6	32.9	19.5	19.9	-.95	.45
26	5	87	14	114.	3.2	6.8	6.6	21.2	23.7	19.8	20.2	-.79	.45
26	5	87	15	146.	3.4	6.6	6.4	17.6	23.5	19.6	20.1	-.67	.47
26	5	87	16	141.	3.6	6.6	6.4	15.5	16.2	19.4	20.0	-.45	.50
26	5	87	17	125.	3.5	7.2	6.8	18.1	24.4	19.6	19.9	-.48	.48
26	5	87	18	145.	3.4	6.4	6.2	15.5	19.8	19.1	19.2	-.42	.47
26	5	87	19	146.	2.8	6.2	6.0	13.7	14.8	18.4	18.3	-.26	.50
26	5	87	20	160.	1.7	3.8	3.4	7.4	13.1	16.9	15.6	-.01	.55
26	5	87	21	122.	1.0	6.6	6.0	16.8	21.4	16.0	13.9	.27	.62
26	5	87	22	142.	3.4	5.6	5.4	6.9	17.5	13.9	13.2	.05	.68
26	5	87	23	97.	3.0	5.0	4.8	8.6	16.9	13.7	12.9	.20	.73
26	5	87	24	90.	5.3	11.6	10.8	11.3	13.6	12.8	12.1	-.08	.79
27	5	87	1	77.	4.2	8.0	7.6	13.3	15.3	11.1	10.5	-.20	.88
27	5	87	2	72.	2.8	6.4	6.0	16.4	17.2	9.7	9.0	-.14	.94
27	5	87	3	45.	1.7	7.8	6.2	56.5	57.3	9.0	8.4	-.20	.93
27	5	87	4	0.	1.4	4.6	4.4	59.4	61.9	8.8	8.2	-.20	.91
27	5	87	5	51.	2.2	6.0	5.8	22.7	28.6	8.5	7.9	-.17	.90
27	5	87	6	59.	3.9	8.6	8.0	15.8	16.4	8.6	8.2	-.17	.84
27	5	87	7	69.	5.0	10.8	10.0	17.3	17.8	8.8	8.5	-.23	.81
27	5	87	8	62.	4.7	11.2	10.8	19.0	19.2	8.9	8.5	-.32	.81
27	5	87	9	76.	4.3	9.8	9.6	18.2	18.8	8.9	8.6	-.36	.82
27	5	87	10	87.	5.2	10.8	9.8	16.7	17.8	9.3	9.0	-.36	.80
27	5	87	11	82.	5.0	11.4	11.2	15.7	16.4	9.6	9.4	-.42	.79
27	5	87	12	89.	4.5	11.0	10.8	17.1	17.7	9.7	9.4	-.36	.78
27	5	87	13	75.	4.0	7.8	7.2	17.1	17.6	9.8	9.5	-.39	.79
27	5	87	14	89.	4.0	8.6	8.0	17.6	18.5	10.9	10.6	-.36	.76
27	5	87	15	103.	5.5	10.8	10.2	15.0	16.1	11.4	11.0	-.32	.73
27	5	87	16	94.	5.8	11.6	10.6	13.6	14.6	11.1	10.6	-.26	.72
27	5	87	17	145.	4.6	11.8	10.6	20.9	32.4	9.6	9.1	-.23	.85
27	5	87	18	100.	3.1	8.2	7.8	17.2	24.0	8.2	7.8	-.17	.97
27	5	87	19	96.	3.2	9.0	8.8	12.5	13.8	8.2	7.8	-.11	.90
27	5	87	20	76.	4.2	8.0	7.8	12.3	14.4	7.4	6.9	-.14	.89
27	5	87	21	75.	4.5	9.2	8.8	15.3	15.6	6.9	6.5	-.17	.92
27	5	87	22	93.	4.6	9.8	9.4	15.6	17.6	6.6	6.2	-.17	.94
27	5	87	23	87.	4.8	11.6	10.6	16.2	16.5	6.1	5.7	-.17	.94
27	5	87	24	80.	5.6	11.4	10.8	14.9	15.6	5.6	5.2	-.20	.94

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	5	87	1	86.	5.9	12.6	11.8	15.1	15.2	5.1	4.7	-.20	.93
28	5	87	2	83.	5.6	11.0	10.4	15.0	15.3	4.6	4.3	-.20	.93
28	5	87	3	86.	5.6	11.2	10.6	14.3	14.5	4.2	3.8	-.23	.92
28	5	87	4	79.	6.5	13.8	13.2	15.2	16.0	3.3	2.9	-.26	.91
28	5	87	5	63.	4.8	10.0	9.4	16.9	18.1	3.2	2.9	-.20	.90
28	5	87	6	62.	5.5	10.4	10.0	15.7	15.7	3.3	3.0	-.20	.90
28	5	87	7	44.	4.2	10.6	10.2	21.8	22.7	3.2	2.9	-.23	.89
28	5	87	8	18.	3.3	8.8	8.0	21.4	23.0	2.9	2.6	-.26	.88
28	5	87	9	34.	4.4	9.6	9.0	17.7	18.4	2.9	2.6	-.26	.88
28	5	87	10	15.	4.2	9.6	9.0	18.2	19.2	2.7	2.4	-.26	.88
28	5	87	11	3.	2.6	7.0	6.2	20.8	23.7	3.1	3.0	-.26	.88
28	5	87	12	354.	2.3	5.6	5.2	19.9	20.8	4.5	4.5	-.29	.85
28	5	87	13	20.	3.0	9.2	8.4	19.7	23.5	5.7	5.5	-.23	.82
28	5	87	14	0.	2.5	6.8	6.2	20.0	21.4	7.3	7.5	-.26	.80
28	5	87	15	22.	3.4	7.8	7.2	22.3	24.3	9.3	9.6	-.42	.75
28	5	87	16	11.	3.1	7.6	7.2	27.0	28.7	10.5	11.1	-.48	.71
28	5	87	17	10.	2.6	5.8	5.2	23.9	28.0	10.9	11.2	-.48	.70
28	5	87	18	65.	2.9	6.8	6.4	23.6	33.6	11.7	12.0	-.51	.66
28	5	87	19	10.	2.6	6.4	6.0	18.7	20.5	10.2	9.9	-.29	.70
28	5	87	20	13.	2.7	5.4	5.2	10.1	10.9	9.4	8.9	-.20	.74
28	5	87	21	357.	2.6	4.6	4.2	7.2	8.3	8.7	7.9	-.11	.80
28	5	87	22	0.	2.7	5.0	4.6	8.3	8.7	8.1	7.4	-.14	.80
28	5	87	23	344.	2.8	6.0	5.6	9.1	10.5	7.6	6.7	-.14	.81
28	5	87	24	333.	2.1	4.2	4.0	10.0	14.1	7.0	5.8	.02	.84
29	5	87	1	350.	1.3	3.6	3.0	51.0	61.0	6.6	5.4	.42	.87
29	5	87	2	76.	2.1	5.2	5.0	23.6	35.5	7.4	6.7	.05	.79
29	5	87	3	49.	2.3	6.4	6.0	21.2	23.9	7.7	7.1	-.17	.77
29	5	87	4	59.	2.2	5.6	5.4	24.1	25.5	7.1	6.5	-.20	.78
29	5	87	5	75.	4.0	8.6	8.0	13.1	14.4	6.5	6.1	-.20	.76
29	5	87	6	84.	3.6	8.0	7.6	17.2	19.1	6.2	5.9	-.32	.74
29	5	87	7	32.	2.6	5.6	5.2	22.2	30.1	6.2	6.1	-.42	.73
29	5	87	8	45.	3.7	7.4	7.0	25.6	26.0	7.0	7.5	-.48	.69
29	5	87	9	41.	4.0	8.4	8.2	26.4	27.6	8.2	8.8	-.63	.65
29	5	87	10	46.	3.9	9.4	8.8	29.4	32.1	8.9	9.4	-.73	.64
29	5	87	11	52.	4.4	8.4	8.2	28.1	33.4	10.0	10.5	-.79	.65
29	5	87	12	77.	4.2	10.0	9.2	26.5	35.0	11.0	11.4	-.70	.63
29	5	87	13	66.	3.3	7.4	7.2	26.7	28.8	11.7	12.1	-.76	.61
29	5	87	14	82.	2.1	4.8	4.6	36.9	40.5	12.6	13.4	-.76	.58
29	5	87	15	138.	2.5	5.8	5.4	29.1	36.1	13.3	13.9	-.88	.57
29	5	87	16	120.	2.1	4.6	4.4	32.7	36.9	13.7	14.3	-.63	.57
29	5	87	17	176.	2.0	4.4	4.2	23.7	30.6	13.1	13.5	-.51	.59
29	5	87	18	170.	1.6	3.2	3.0	17.8	19.6	12.5	12.7	-.36	.61
29	5	87	19	176.	1.3	3.0	2.8	13.6	17.4	12.4	12.5	-.32	.62
29	5	87	20	215.	1.5	2.6	2.6	14.0	19.8	12.5	12.0	-.54	.65
29	5	87	21	252.	1.6	2.8	2.8	11.2	15.7	11.0	9.7	-.14	.66
29	5	87	22	309.	1.1	2.8	2.6	12.3	25.0	9.9	8.2	.05	.69
29	5	87	23	254.	1.3	2.4	2.2	15.1	25.9	8.6	6.8	.39	.79
29	5	87	24	307.	1.3	3.0	3.0	12.8	30.8	7.9	5.2	.36	.85
30	5	87	1	292.	2.7	3.6	3.4	4.9	8.8	6.3	4.7	.86	.89
30	5	87	2	329.	2.7	3.6	3.4	4.2	10.8	4.8	3.8	.73	.91
30	5	87	3	314.	3.1	3.8	3.6	3.7	6.4	4.2	3.6	.20	.90
30	5	87	4	319.	2.7	3.8	3.8	6.0	8.0	4.3	3.9	-.01	.90
30	5	87	5	311.	2.6	4.0	3.8	7.2	8.4	4.5	4.1	-.20	.88
30	5	87	6	325.	2.5	3.8	3.6	7.3	8.3	5.0	4.8	-.20	.85
30	5	87	7	340.	2.1	3.8	3.8	15.2	17.3	7.4	8.1	-.39	.79
30	5	87	8	299.	1.7	3.4	3.2	17.9	20.1	9.3	9.9	-.54	.75
30	5	87	9	121.	1.0	4.2	3.8	47.0	81.7	11.1	11.1	-.54	.74
30	5	87	10	103.	2.6	5.8	5.0	20.4	22.6	11.5	11.6	-.60	.72
30	5	87	11	103.	3.1	5.8	5.6	18.2	20.4	12.1	12.5	-.79	.73
30	5	87	12	150.	3.1	5.8	5.4	17.3	21.3	12.4	12.7	-.57	.74
30	5	87	13	139.	4.1	7.0	6.4	16.6	17.2	12.4	13.0	-.45	.79
30	5	87	14	150.	5.0	9.4	8.6	15.3	15.8	12.1	12.5	-.54	.80
30	5	87	15	153.	5.0	9.4	8.6	16.3	16.9	12.1	12.7	-.51	.80
30	5	87	16	139.	4.8	8.6	8.2	15.3	15.6	11.9	12.5	-.48	.81
30	5	87	17	143.	4.5	8.0	7.4	13.8	13.9	11.7	12.2	-.45	.79
30	5	87	18	148.	3.7	7.0	6.6	13.2	13.9	11.3	11.3	-.36	.75
30	5	87	19	127.	3.0	5.4	5.0	14.3	16.2	10.7	10.5	-.29	.76
30	5	87	20	138.	2.5	4.0	3.8	9.9	11.2	9.8	9.3	-.20	.81
30	5	87	21	138.	2.4	3.8	3.6	8.4	9.1	9.3	8.8	-.14	.86
30	5	87	22	121.	2.2	3.2	3.0	4.4	7.4	8.7	8.0	.02	.92
30	5	87	23	131.	2.1	2.8	2.6	3.1	5.3	8.3	7.4	.11	.95
30	5	87	24	97.	2.0	2.8	2.6	2.8	13.1	8.2	7.3	.08	.95

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
31	5	87	1	107.	2.0	2.8	2.6	4.0	6.9	8.0	7.2	.14	.95
31	5	87	2	115.	1.0	1.6	1.4	3.7	6.1	8.1	7.1	.02	.96
31	5	87	3	96.	1.7	3.8	3.6	7.4	9.5	8.2	7.4	-.04	.94
31	5	87	4	108.	1.7	3.0	2.8	9.5	13.2	8.3	7.8	-.14	.96
31	5	87	5	94.	1.5	3.0	2.8	8.3	10.3	8.6	8.2	-.26	.96
31	5	87	6	93.	1.6	3.0	3.0	13.0	16.1	8.8	8.5	-.36	.96
31	5	87	7	46.	1.8	3.4	3.2	11.6	19.6	8.4	8.1	-.32	.97
31	5	87	8	51.	1.7	3.0	3.0	9.2	13.7	8.1	7.9	-.29	.97
31	5	87	9	45.	1.8	4.0	3.8	14.9	18.1	8.5	8.4	-.36	.95
31	5	87	10	31.	1.5	3.2	3.0	19.3	22.1	7.9	7.6	-.32	.96
31	5	87	11	46.	1.5	3.4	3.2	19.9	20.1	8.0	7.8	-.36	.96
31	5	87	12	79.	1.8	3.0	2.6	9.9	12.7	8.4	8.2	-.45	.97
31	5	87	13	117.	1.9	3.4	3.2	14.1	20.4	8.6	8.5	-.42	.93
31	5	87	14	94.	2.4	3.8	3.6	9.6	10.9	8.4	8.3	-.42	.93
31	5	87	15	142.	1.2	2.6	2.4	15.5	24.1	9.5	9.5	-.48	.87
31	5	87	16	112.	.9	3.0	2.6	32.2	36.6	10.8	11.0	-.54	.86
31	5	87	17	122.	1.6	3.2	3.0	17.7	21.7	10.5	10.7	-.42	.86
31	5	87	18	127.	1.1	2.8	2.4	14.1	16.2	10.2	10.1	-.36	.89
31	5	87	19	96.	.6	1.4	1.2	19.4	25.0	10.0	9.9	-.29	.93
31	5	87	20	103.	.5	1.4	1.2	10.2	13.3	9.8	9.4	-.36	.95
31	5	87	21	103.	.7	1.2	1.2	4.4	8.8	9.4	8.8	-.17	.99
31	5	87	22	121.	.8	1.2	1.0	3.4	17.4	9.1	8.4	-.08	.99
31	5	87	23	60.	.5	1.2	1.0	39.0	50.3	8.9	8.1	-.11	.98
31	5	87	24	66.	1.0	1.8	1.6	4.7	13.6	8.7	7.9	-.08	.98
	ANT.99.			0	0	0	0	0	0	0	0	0	0
PROSENT 99.				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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TITTEL
Meteorologiske data fra nedre Telemark våren 1987.

PROSJEKTLEDER
K. Hoem

NILU PROSJEKT NR.
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TILGJENGELIGHET
A

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Statens forurensningstilsyn, Kontrollseksjonen nedre Telemark
Postboks 402
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3 STIKKORD (å maks. 20 anslag)
Meteorologiske data | Statistisk bearb.

REFERAT (maks. 300 anslag, 7 linjer)
En statistisk bearbeiding av meteorologiske data fra nedre Telemark i perioden 1.3.87-31.5.87 vier at vindretningsfordelingen var som normalt, med hovedvindretning nord-nordvest. Gjennomsnittlig vindstyrke var også som normalt. Stabilitetsfordelingen viser færre tilfeller av lett stabil og stabil sjiktning enn vanlig. Mars og mai var kaldere enn gjennomsnittet for de ti siste årene, mens april var varmere. 1987 hadde den kaldeste mars måned siden målingene startet, med 3.8 ^{0}C under normalen.

TITLE Meteorological data from nedre Telemark, spring 1987.

ABSTRACT (max. 300 characters, 7 lines)
A statistical evaluation of meteorological data from nedre Telemark during the spring 1987 show winds as normal, with main wind direction north-northwest. Stable and light stable cases were observed in about 24% of the time (less than normal). March and May were colder than normal, while April was warmer. March 1987 had a temperature of -3.5 ^{0}C, which was the coldest March month registrated at Ås.

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