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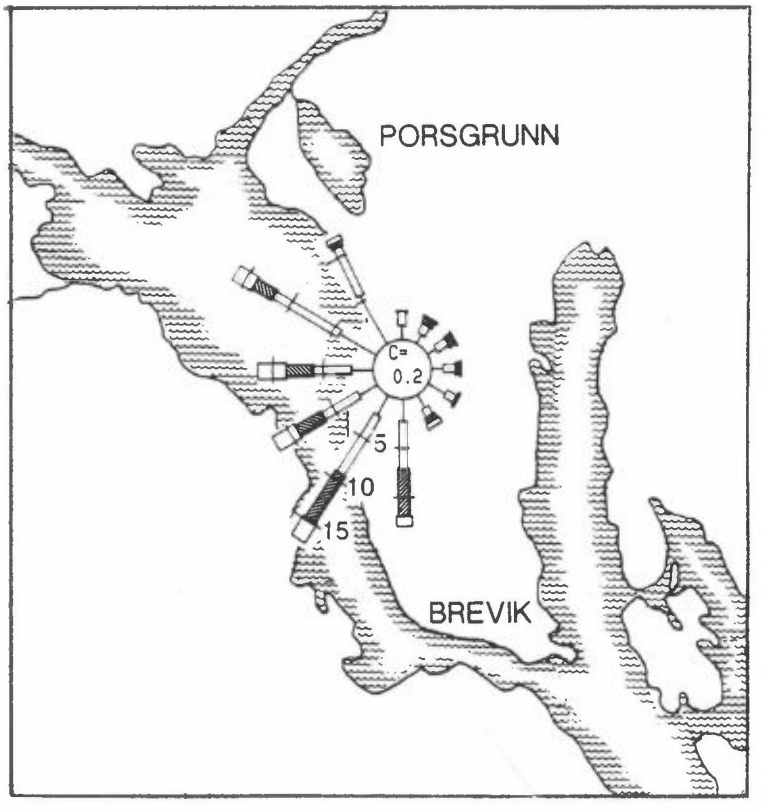
METEOROLOGISKE DATA FRA NEDRE TELEMARK, VINTEREN 1988/89

K. Hoem



SAMMENDRAG

På oppdrag fra Statens forurensningstilsyn (SFT) er det foretatt en bearbeiding av de meteorologiske målingene fra Ås i nedre Telemark for perioden 01.12.88-28.02.89.

Vinteren 1988/89 var veldig spesiell. Frekvensen av vinder fra sektorene sør til vest var på hele 53%, mens gjennomsnittet for de ti siste vinterperiodene ga en frekvens på 18%. Denne økte hyppigheten av sørvestlige vinder førte til en mild vinter. Vinteren 1988/89 blåste det oftest fra sør-sørvest (17%), mens hovedvindretningen for de ti siste vinterperiodene var nord-nordvest (25%). Gjennomsnittlig vindstyrke på 3,4 m/s var 0,4 m/s høyere enn tiårsnormalen. Februar med en gjennomsnittlig vindstyrke på 3,9 m/s lå hele 1,3 m/s over tiårsnormalen.

Fordelingen av stabilitetsklassene ga 48% stabil (lett stabil + stabil) temperatursjiktning (som normalt). Selv om den totale frekvensen av stabile tilfeller stemte godt med tiårsnormalen, så var fordelingen på vindretningene noe forskjellig. For tiårsnormalen var de fleste stabile tilfellene fordelt på vindsektorene vest-nordvest og nord-nordvest, mens de for vinteren 1988/89 var jevnt fordelt på sektorene fra sør til nord-nordvest. De stabile tilfellene forekom som vanlig oftest om natten, mens ustabil sjiktning forekom på dagtid.

Vinteren 1988/89 var veldig mild. Januar (4,1^{0}C) og februar (3,6^{0}C) var de varmeste januar og februar månedene som har vært registrert ved Ås siden målingene startet. Middeltemperaturen for desember var 1,6^{0}C varmere, januar var hele 8,9^{0}C varmere og februar var hele 7,4^{0}C varmere enn gjennomsnittet for de ti siste årene.

INNHOLD

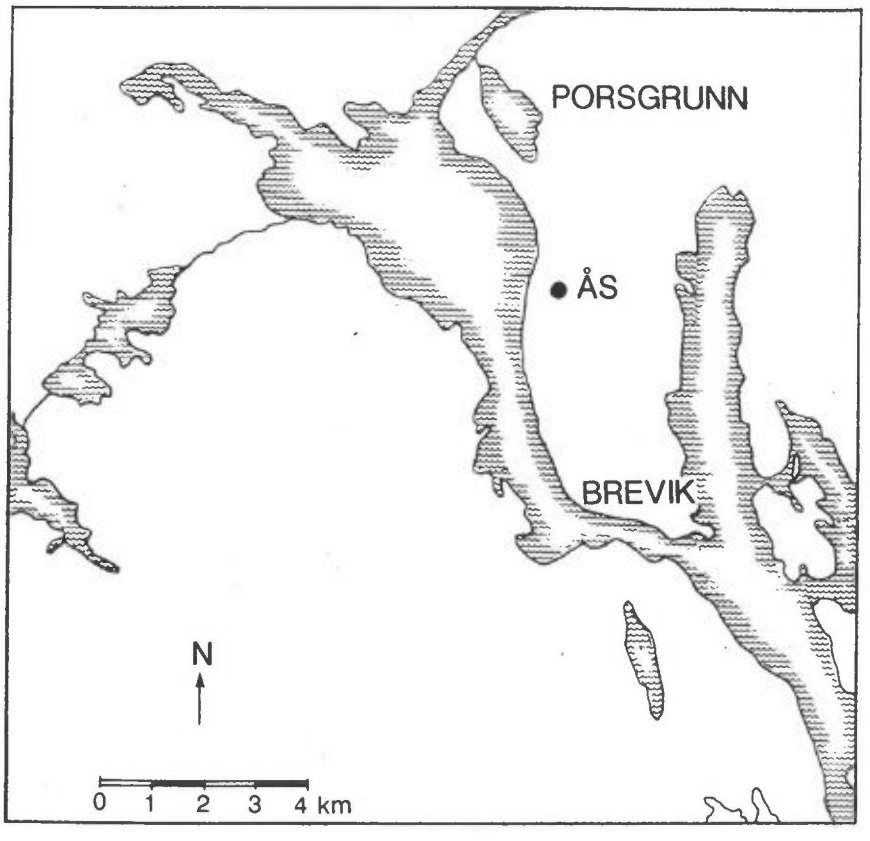
METEOROLOGISKE DATA FRA NEDRE TELEMARK, VINTEREN 1988/89

1 INNLEDNING

Denne presentasjonen av meteorologiske data fra nedre Telemark i perioden 01.12.88-28.02.89 (vinter), er et ledd i det koordinerte måleprogram av meteorologi og spredningsforhold i området. Bearbeidelsen er utført på oppdrag fra Statens forurensningstilsyn, kontrollseksjonen nedre Telemark, og er en videreføring av tidligere tilsendte data (se referanselisten). NILU har også gjort en samlet bearbeidelse av meteorologiske data fra Ås i perioden 1976-87 på oppdrag fra Norsk Hydro (Haugsbakk og Sivertsen, 1988).

2 INSTRUMENTERING, STASJONSPLASSERING

Målestasjonens plassering er angitt i figur 1.



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

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

Følgende meteorologiske parametere blir målt:

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

Alle timesmiddelverdiene er presentert i vedlegg C.

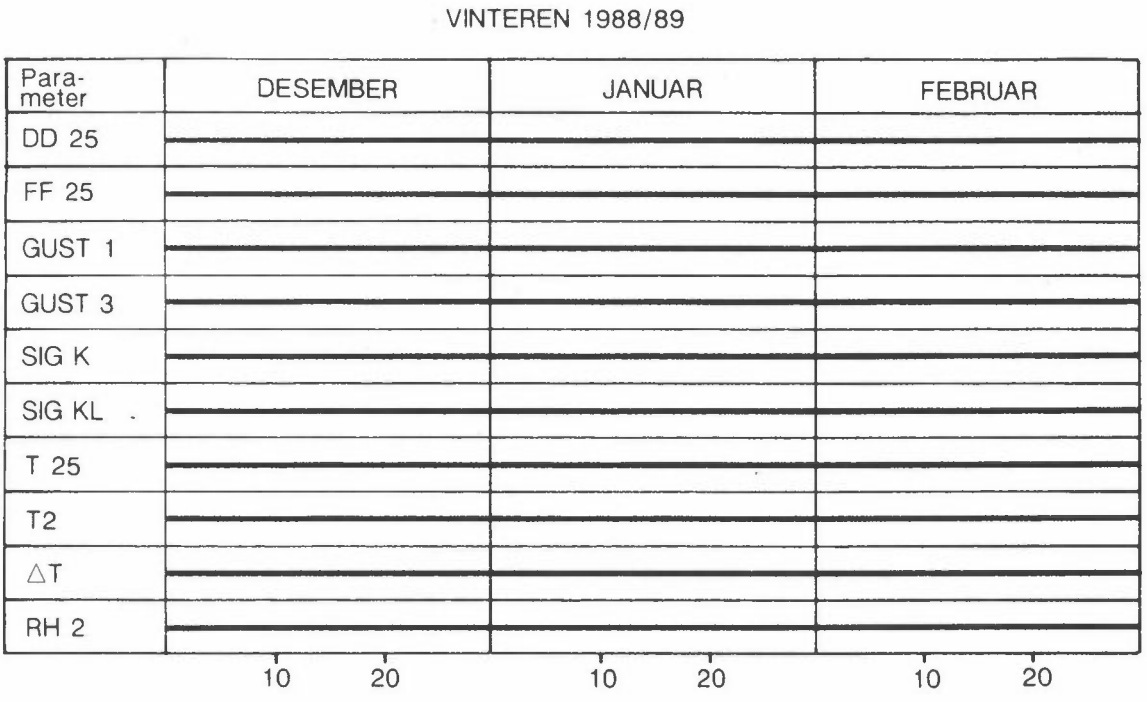
3 DATATILGJENGELIGHET/KVALITET

Figur 2 viser datatilgjengeligheten for de ulike meteorologiske parametere på Ås vinteren 1988/89.

Datatilgjengeligheten var følgende:

DD-25, SIGK, SIGKL, T-25, T-2, DT, RH-2: 99,95%
FF-25, GUST1, GUST3 : 99,91%

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 avmerket på figuren.

4 VINDFORHOLD

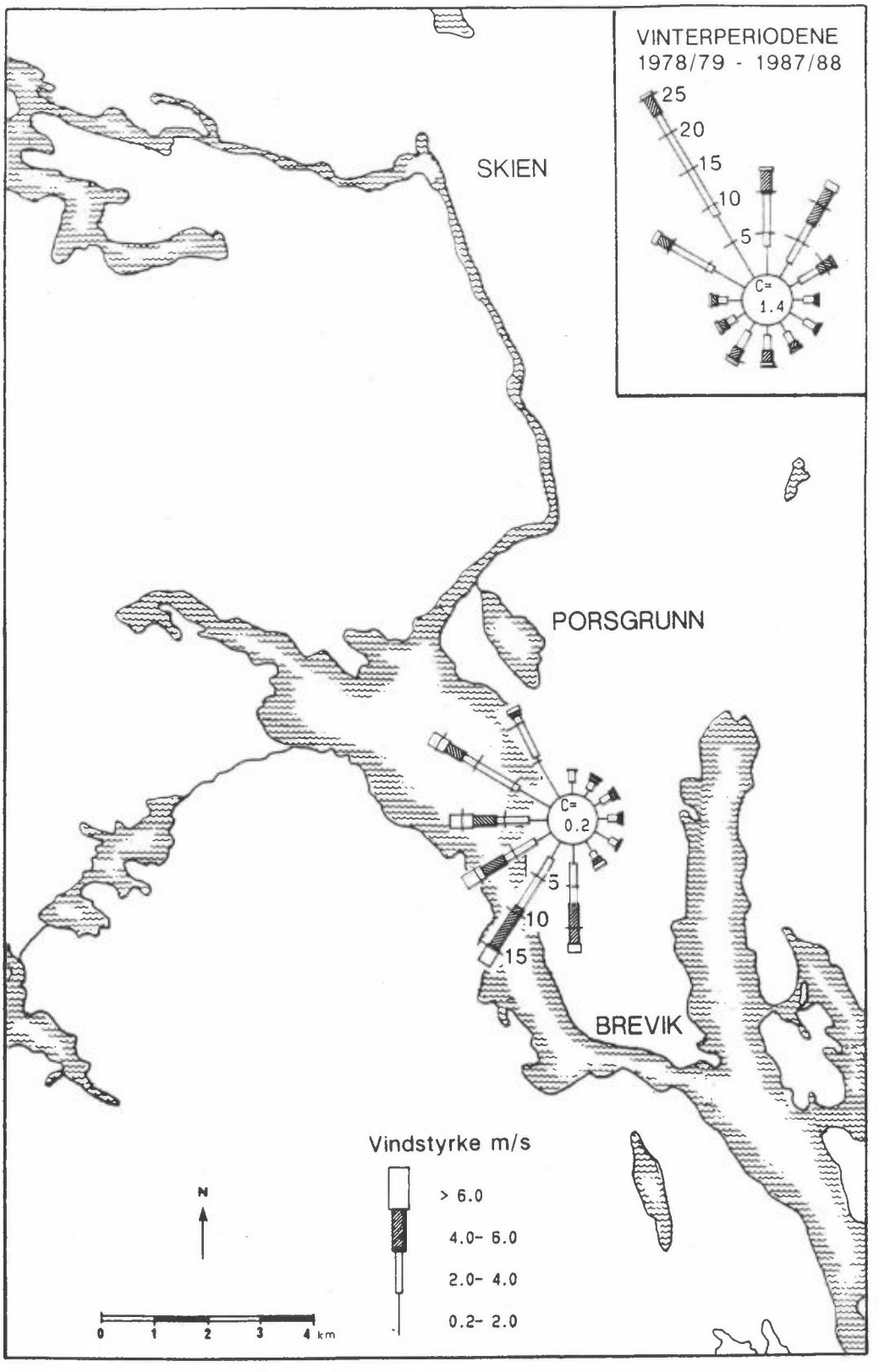
4.1 VINDRETNING

Vindrose fra Ås for vinteren 1988/89 er vist i figur 3 sammen med rosen for de ti vinterperiodene 1978/79-1987/88.

Kvartalsvise vindfrekvensfordelinger (i %) er også presentert i tabellene A1-A2. Vindobservasjoner fra Ås er dessuten presentert som månedsvise frekvensfordelinger i tabell A3.

Vinteren 1988/89 var veldig spesiell. Frekvensen av vinder fra sektorene sør til vest var på hele 53%, mens gjennomsnittet for de ti siste vinterperiodene ga en frekvens på 18%. Denne økte hyppigheten av sørvestlige vinder førte til en mild vinter.

Vinteren 1988/89 blåste det oftest fra sør-sørvest (17%), mens vindretningsfordelingen for de ti siste vinterperiodene ga hovedvindretning nord-nordvest (25%). Dominerende vindretning var i desember vest-nordvest og i januar og februar var den sør-sørvest.

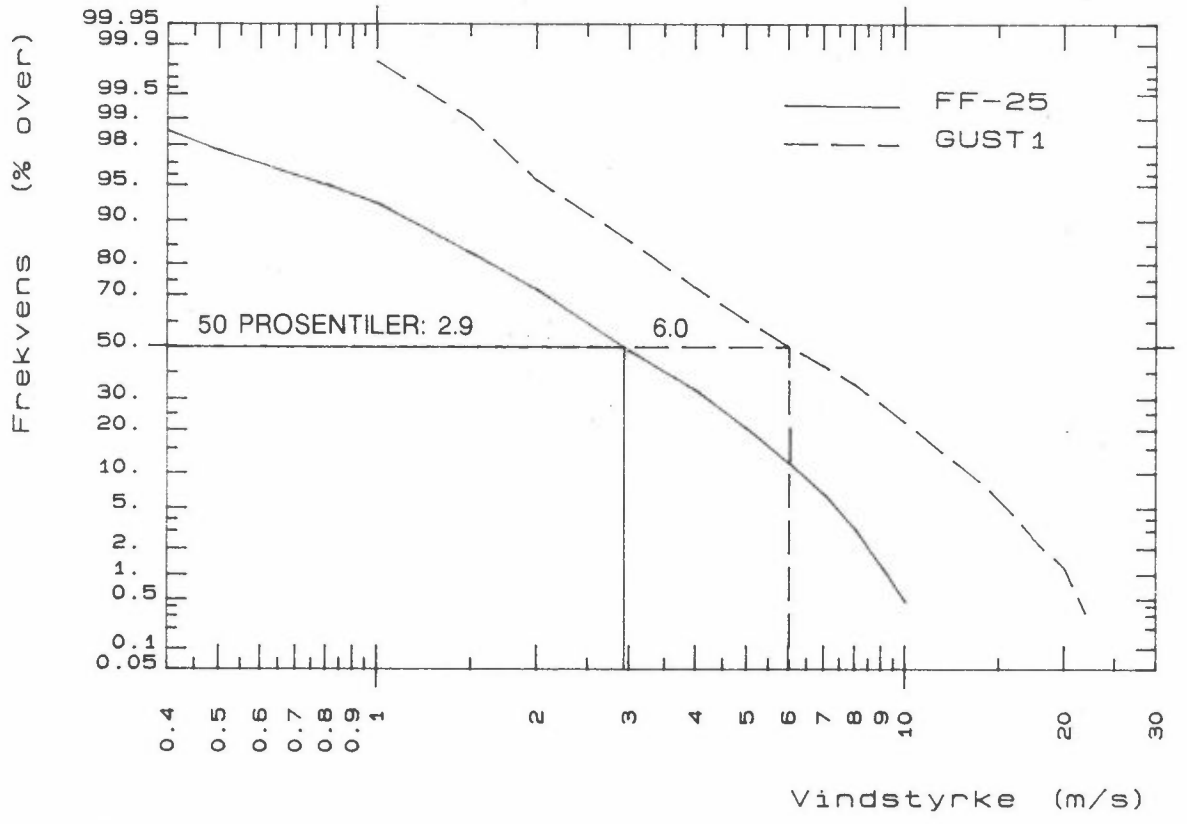


Figur 3: Vindroser (frekvens av vind i % i 12 sektorer) for vinteren 1988/89 og for vinterperiodene 1978/79-1987/88.
C = vindstillefrekvens.

4.2 VINDSTYRKE

Middelvindstyrken for vinteren 1988/89 (3,4 m/s) var 0,4 m/s høyere enn gjennomsnittet for vinterperiodene 1978/79-1987/88. Gjennomsnittlige vindstyrker var for desember 2,8 m/s, januar 3,6 m/s og februar 3,9 m/s. Den gjennomsnittlige vindstyrken for desember lå 0,3 m/s under tiårsnormalen, mens januar lå 0,4 m/s over. Februar med en gjennomsnittlig vindstyrke på 3,9 m/s lå hele 1,3 m/s over tiårsnormalen.

Figur 4 viser den kvartalsvise vindstyrkefordelingen ved Ås. Vindstyrker over 6 m/s forekom i 12,2% av tiden (gjennomsnittet for de ti siste vinterperiodene var 4,8%). Svake vinder, mindre enn 2 m/s, forekom i 26,9% av tiden. I gjennomsnitt blåste det svakest ved vind fra øst-sørøst (2,0 m/s), og kraftigst blåste det fra vest (4,3 m/s). Middelvindstyrken for vinteren 1988/89 var 3,4 m/s, mens 50 prosentilen var 2,9 m/s.

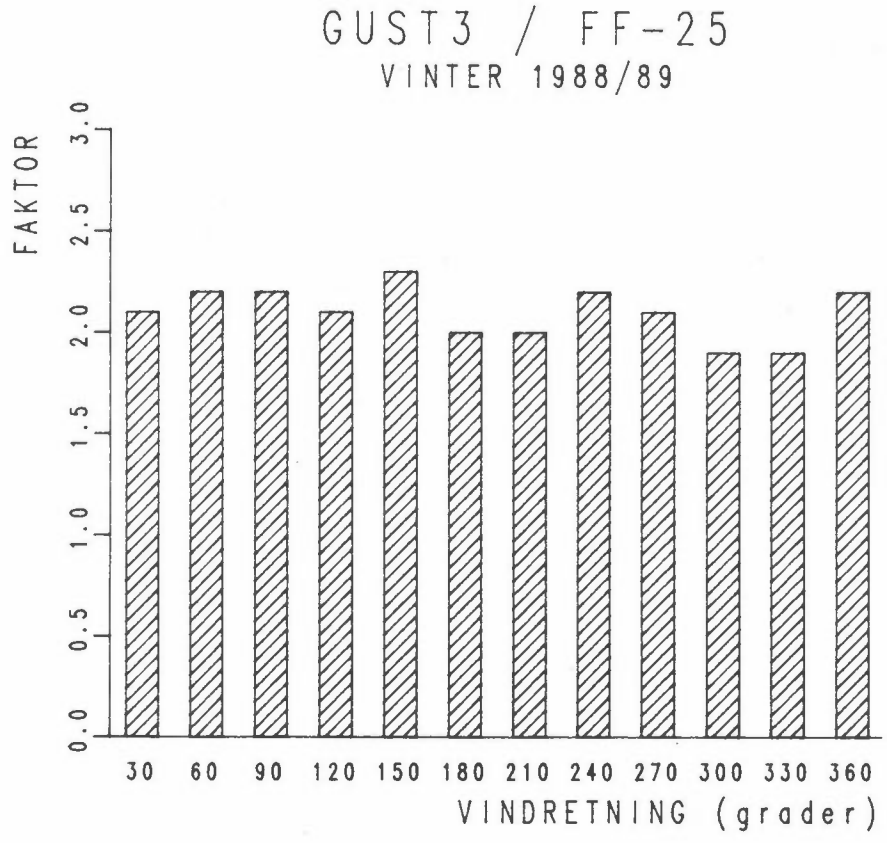


Figur 4: Kumulativ frekvensfordeling av vindstyrke og 1 sekunds gust ved Ås vinteren 1988/89. Figuren viser frekvens av vindstyrke større enn verdiene angitt på x-aksen.

4.3 VINDKAST (GUST)

Den høyeste vindstyrken midlet over 1 sekund (GUST1) og 3 sekunder (GUST3), registreres hver time. Figur 4 viser den kumulative fordelingen av GUST1, for vinteren 1988/89.

Figur 5 viser forholdet mellom GUST3 og timemidlet vindstyrke (FF-25) ved forskjellige vindretninger. Forholdet GUST3/FF-25 ligger hele tiden nær en faktor 2. Det gjennomsnittlige forholdet vinteren 1988/89 var 2,1, og forholdet var størst ved vind fra sør-sørøst, med faktor 2,3. Den laveste verdien (1,9) ble registrert ved vind fra vest-nordvest og nord-nordvest. For vind fra udefinert retning, det vil si vindstyrker lavere enn 0,3 m/s, steg dette forholdet kraftig. Forholdet GUST3/FF-25 var minst da det blåste fra den vindsektoren som hadde høyest vindfrekvens. Vindfrekvensen var lav (3,6%) i den vindsektoren som hadde høyest GUST3/FF-25 (se figur 3 og 5).



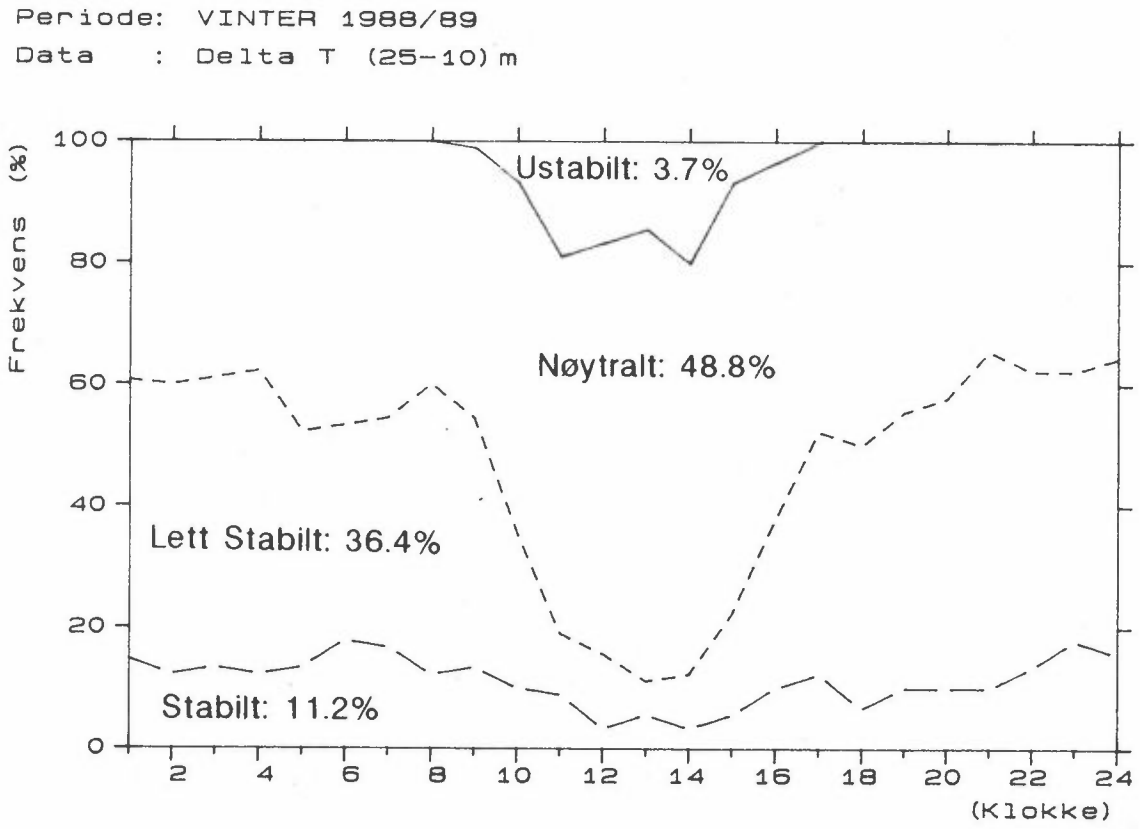
Figur 5: Forholdet mellom 3 sekunds gust (GUST3) og timesmidlet vindstyrke (FF-25) ved de ulike vindretningene, vinteren 1988/89.

Det kraftigste vindkastet ble registrert 29. januar kl 20, og var 24,0 m/s for GUST1 og 22,0 m/s for GUST3. Middelvindstyrken for denne timen var 10,7 m/s.

5 STABILITETSFORHOLD

Stabilitetsforholdene i fire klasser er fordelt over døgnet i tabellene A4-A5 og vist i figur 6, basert på temperaturdifferansen mellom 25 m og 10 m (dT). Stabilitetsklassene er definert ved:

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



Figur 6: Døgnfordelingen av fire stabilitetsklasser basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masten på Ås 01.12.88-28.02.89.

Vinteren 1988/89 var det 11,2% stabil, 36,4% lett stabil, 48,8% nøytral og 3,7% ustabil temperatursjiktning. Denne fordelingen var veldig lik gjennomsnittet for de ti siste årene.

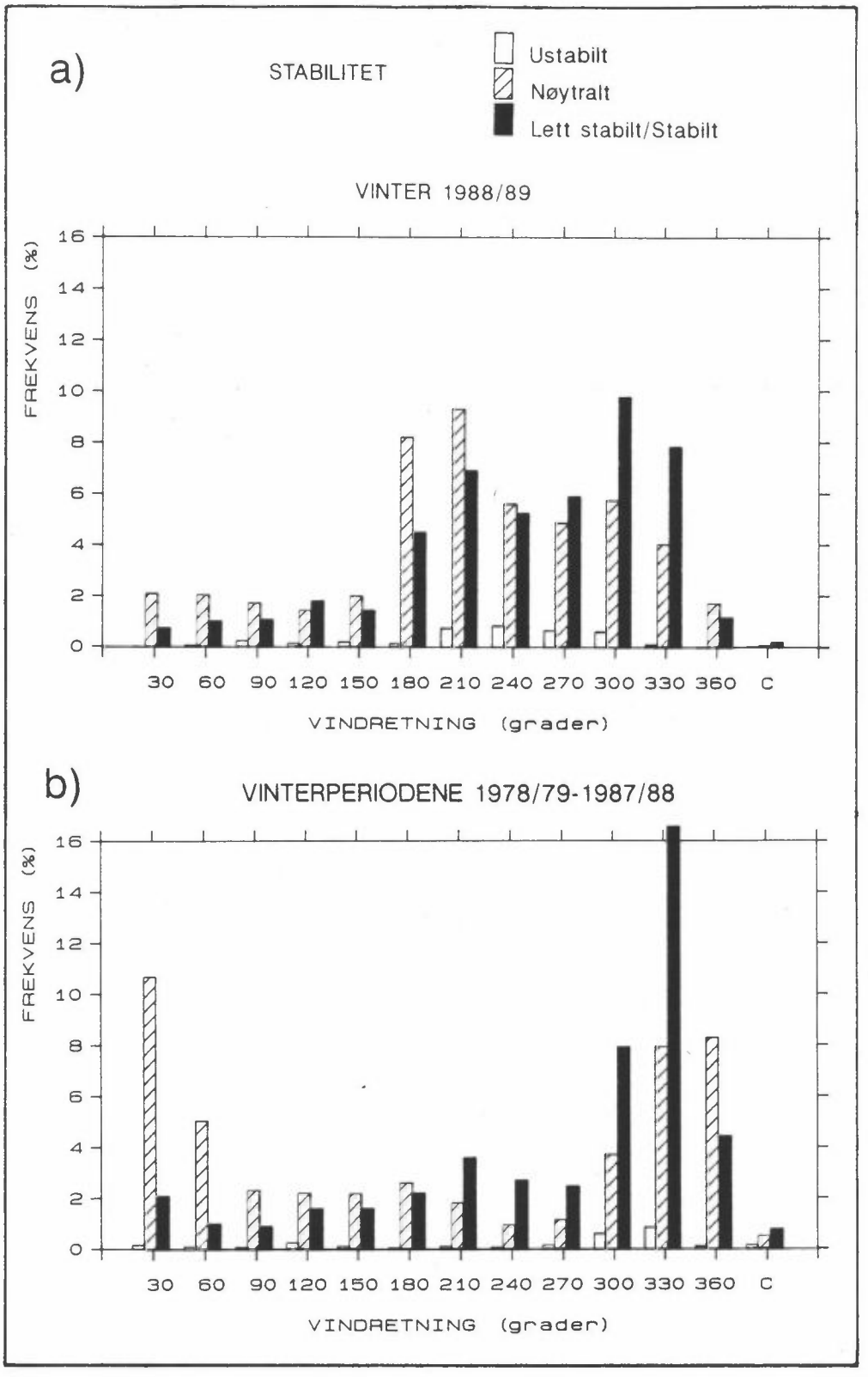
De stabile tilfellene forekom som vanlig oftest om natten, mens ustabil sjiktning forekom på dagtid.

6 FREKVENS AV VIND/STABILITET

Tabell A6 gir frekvensen (i %) i 196 klasser av vind og stabilitet, basert på stabilitetsdata og vinddata fra 25 m masten på Ås for vinteren 1988/89 og vinterperiodene 1978/79-1987/88. Tabell A7 gir månedsvise frekvensfordelinger.

Figur 7 viser frekvensen av ustabil, nøytral og stabil (lett stabil + stabil) sjiktning som funksjon av vindretningen. Figuren viser at stabile tilfeller (inversjoner) vinteren 1988/89 oftest forekom ved vind fra vest-nordvest. Tabell A6a viser at vindstyrken da stort sett var lavere enn 4 m/s. Dette representerer vanligvis de stabile nattsituasjonene. Vinterperiodene 1978/79-87/88 hadde de fleste stabile tilfellene ved vind fra sektoren nord-nordvest.

Selv om den totale frekvensen av stabile tilfeller stemte godt overens med tiårsnormalen, så var fordelingen på vindretningene noe forskjellig. For tiårsnormalen var de fleste stabile tilfellene fordelt på vindsektorene vest-nordvest og nord-nordvest, mens det for vinteren 1988/89 var jevnt fordelt på sektorene fra sør til nord-nordvest.

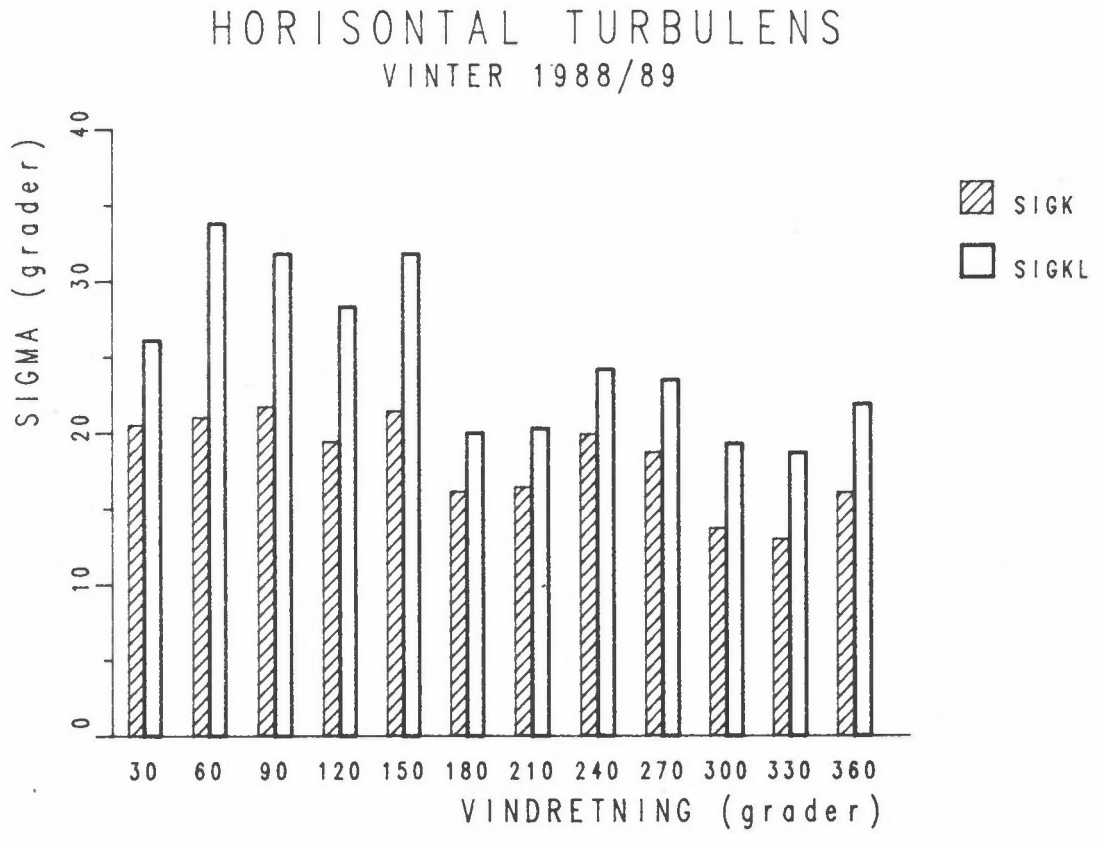


Figur 7: Frekvens av ustabil, nøytral og stabil (lett stabil + stabil) sjiktning som funksjon av vindretningen ved Ås.
a) vinteren 1988/89
b) vinterperiodene 1978/79-1987/88

7 HORISONTAL TURBULENS

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

Midlere verdier av σ_θ (horisontal turbulens) er gitt i tabell A8. Verdiene er gitt i klasser av vindretning, vindstyrke og stabilitet. Tabellen viser at σ_θ er høyest ved svake vinder (0-2 m/s). I figur 8 er midlere verdier av σ_θ plottet som funksjon av vindretningen. SIGK betyr σ_θ midlet over 5 minutter mens SIGKL er et timesmiddel som i tillegg til SIGK også tar inn de langperiodiske vindretningsfluktuasjonene.



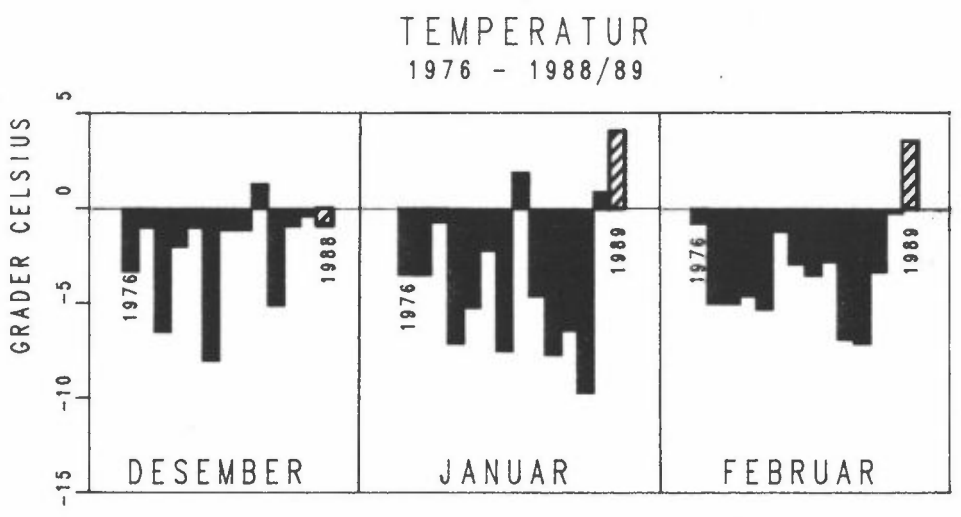
Figur 8: Midlere verdier av horisontal turbulens (σ_θ) (i grader som 5 minutters middel (SIGK) og timesmiddel (SIGKL)) som funksjon av vindretningen, vinteren 1988/89.

Figur 8 viser at σ_θ var lavest ved vind fra vest-nordvest og nord-nordvest. Dette er i samsvar med de retningene hvor det var registert

flest tilfeller av stabil sjiktning og hvor en hadde minst tidsvariabel vind (GUST3/FF-25 lav verdi). Spredningsforholdene var dårligst ved disse vindretningene.

8 TEMPERATUR

I figur 9 er det plottet månedsmiddeltemperaturer for vintermånedene fra 1976 til 1988/89. Januar og februar 1989 var de varmeste januar og februar månedene i løpet av disse årene.



Figur 9: Månedsvis middeltemperatur for vintermånedene 1976-1988/89 i ^{0}C.

Tabell 1 viser månedsvis middeltemperatur for vinteren 1988/89 sammenlignet med tiårsnormalen for hver måned. Vinteren 1988/89 var veldig mild. Temperaturen for alle tre vintermånedene 1988/89 var høyere enn gjennomsnittet de ti siste årene. Desember var 1,6^{0}C varmere, januar var hele 8,9^{0}C varmere og februar var hele 7,4^{0}C varmere enn tiårsnormalen.

Den høyeste temperaturen ble målt den 06.02.89 kl 14 til 13,5^{0}C. Den laveste temperaturen ble målt den 02.12.88 kl 08 til -13,2^{0}C.

Tabell 1: Månedsvis middeltemperatur for vinteren 1988/89 og middel for de ti siste årene for de respektive månedene i ^{0}C.

Måned	TEMPERATUR 2 m o.b. (^{0}C)	
	1988/89	10 års normal
Desember	-0,9	-2,5 (1978-87)
Januar	4,1	-4,8 (1979-88)
Februar	3,6	-3,8 (1979-88)

Fullstendig månedsvis temperaturstatistikk for perioden 01.12.88-28.02.89 finnes i tabell A9.

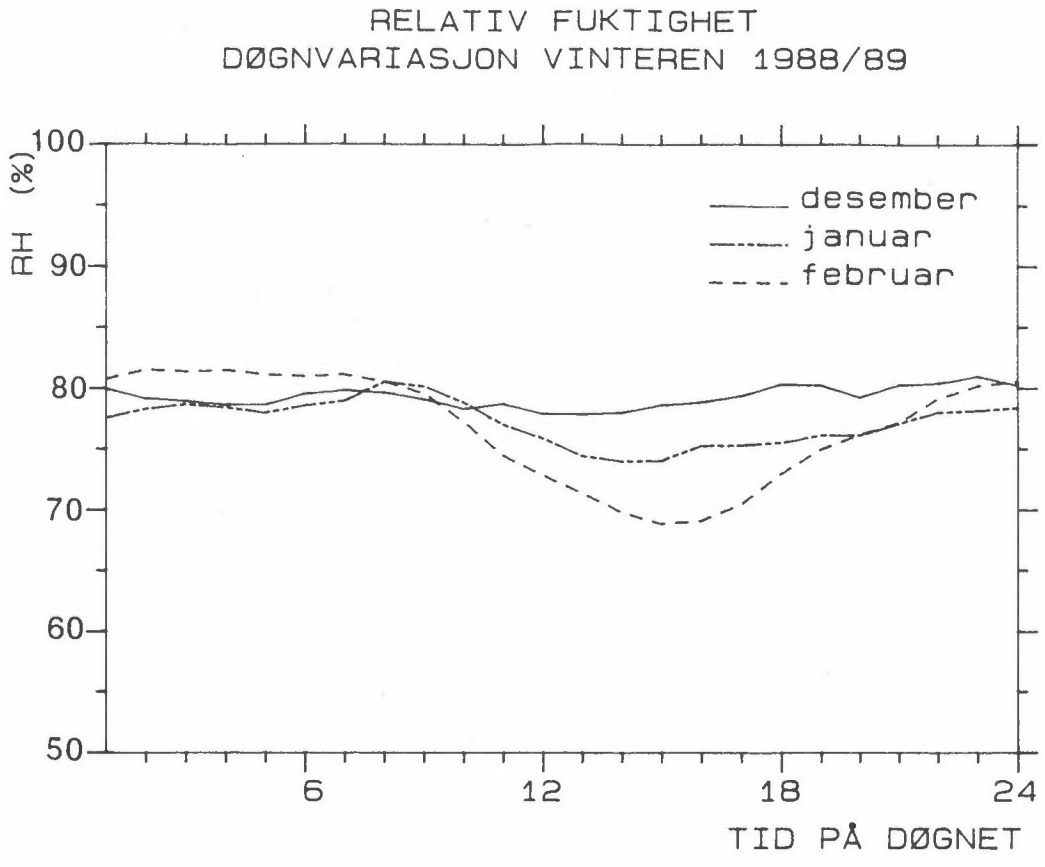
9 RELATIV FUKTIGHET

Tabell 2 viser månedsvis midlere relativ fuktighet for vinteren 1988/89 sammenlignet med tiårsnormalen for hver måned.

Tabell 2: Månedsvis midlere relativ fuktighet for vinteren 1988/89 og middelverdier for de ti siste årene for de respektive månedene i prosent.

Måned	RELATIV FUKTIGHET 2 m o.b.(%)	
	1988/89	10 års normal
Desember	79	81 (1978-1987)
Januar	77	78 (1979-1988)
Februar	77	79 (1979-1988)

I figur 10 er relativ fuktighet for hver av vintermånedene fordelt over døgnet. Alle de tre vintermånedene hadde lavest fuktighet om dagen og høyest om natten, men desember hadde svært liten døgnvariasjon. Døgnvariasjonen øker med økt solintensitet, og februar hadde derfor størst variasjon. I desember varierte fuktigheten i gjennomsnitt fra 78% om dagen til 81% om kvelden. I januar varierte fuktigheten fra 75% om dagen til 79% om morgenen, og i februar fra 70% om dagen til 82% om natten.



Figur 10: Døgnfordeling av relativ fuktighet (%) for desember 1988, januar og februar 1989.

Fullstendig statistisk fordeling av den relative fuktigheten for vinteren 1988/89 finnes i tabell A10.

10 REFERANSER

Arnesen, K., Friberg, A.G., Sivertsen, B., Skaug, K. og Hoem, K. (1978-89) Meteorologiske data fra nedre Telemark. Lillestrøm (NILU OR).

Periode:		Rapport nr.
Høsten	1977	OR 8/78
Vinteren	1977-78	OR 21/78
Våren	1978	OR 9/79
Sommeren	1978	OR 12/79
Høsten	1978	OR 13/79
Vinteren	1978-79	OR 27/79
Våren	1979	OR 30/79
Sommeren	1979	OR 3/80
Høsten	1979	OR 10/80
Vinteren	1979-80	OR 18/80
Våren	1980	OR 39/80
Sommeren	1980	OR 2/81
Høsten	1980	OR 15/81
Vinteren	1980-81	OR 21/81
Våren	1981	OR 48/81
Sommeren	1981	OR 11/82
Høsten	1981	OR 51/82
Vinteren	1981-82	OR 2/83
Våren	1982	OR 8/83
Sommeren	1982	OR 11/83
Høsten	1982	OR 22/83
Vinteren	1982-83	OR 39/83
Våren	1983	OR 58/83
Sommeren	1983	OR 3/84
Høsten	1983	OR 32/84
Vinteren	1983-84	OR 50/84
Våren	1984	OR 65/84
Sommeren	1984	OR 13/85
Høsten	1984	OR 39/85
Vinteren	1984-85	OR 52/85
Våren	1985	OR 73/85
Sommeren	1985	OR 32/86
Høsten	1985	OR 37/86
Vinteren	1985-86	OR 3/87
Våren	1986	OR 94/86
Sommeren	1986	OR 9/87
Høsten	1986	OR 43/87
Vinteren	1986-87	OR 60/87
Våren	1987	OR 79/87
Sommeren	1987	OR 60/88
Høsten	1987	OR 74/88
Vinteren	1987-88	OR 85/88
Våren	1988	OR 13/89
Sommeren	1988	OR 54/89
Høsten	1988	OR 69/89

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

VEDLEGG A

Meteorologiske tabeller

Tabell A1: Vindfrekvenser (vindrose) fra Ås vinteren 1988/89.

Stasjon : AAS
Periode : 01.12.88 - 28.02.89

*) Vind-retning	FORDELING AV VINDRETNINGER OVER DØGNET (%) Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	3.4	3.3	3.3	2.2	1.1	2.2	2.2	2.2	2.8
60	3.4	4.4	3.3	3.3	3.3	3.3	2.2	2.2	3.1
90	3.4	1.1	2.2	2.2	6.7	3.3	2.2	4.4	3.0
120	2.3	.0	3.3	4.4	3.3	5.6	3.3	3.3	3.4
150	3.4	2.2	2.2	5.6	1.1	5.6	1.1	3.3	3.6
180	11.4	16.7	14.4	10.0	10.0	11.1	14.4	14.4	12.8
210	19.3	18.9	20.0	18.9	17.8	8.9	16.7	16.7	17.0
240	12.5	5.6	10.0	13.3	14.4	20.0	14.4	11.1	11.7
270	13.6	12.2	8.9	8.9	12.2	14.4	13.3	10.0	11.4
300	17.0	21.1	17.8	14.4	14.4	13.3	13.3	18.9	16.1
330	10.2	12.2	10.0	13.3	14.4	11.1	12.2	11.1	12.0
360	.0	2.2	4.4	3.3	1.1	1.1	4.4	1.1	2.9
Stille	.0	.0	.0	.0	.0	.0	.0	1.1	.2
Ant.obs	(88)	(90)	(90)	(90)	(90)	(90)	(90)	(90)	(2158)
Midlere vind m/s	3.4	3.4	3.2	3.4	3.7	3.7	3.4	3.4	3.4

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	1.0	1.0	.6	.2	2.8	(61)	3.0
60	1.0	1.3	.7	.1	3.1	(67)	2.9
90	1.2	1.3	.5	.1	3.0	(65)	2.4
120	2.1	1.1	.1	.1	3.4	(73)	2.0
150	1.5	.9	.6	.6	3.6	(78)	3.2
180	2.2	4.8	4.8	1.0	12.8	(277)	3.7
210	2.2	7.0	5.6	2.2	17.0	(366)	3.9
240	2.0	4.2	3.0	2.5	11.7	(252)	4.1
270	2.1	3.8	2.7	2.7	11.4	(246)	4.3
300	4.3	7.5	2.2	2.1	16.1	(348)	3.4
330	5.6	5.3	.5	.6	12.0	(258)	2.5
360	1.4	1.4	.1	.0	2.9	(62)	2.2
Stille					.2	(5)	
Total	26.6	39.5	21.4	12.2	100.0	(2158)	
Midlere vind m/s	1.3	2.9	4.9	7.5			3.4

*) Dette tallet angir sentrum av vindsektor

Tabell A2: Vindfrekvenser (vindrose) fra Ås vinterperiodene 1978/79-1987/88.

Stasjon : AAS
Periode : 01.12.78 - 29.02.88

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	12.2	13.3	13.2	14.1	13.9	13.3	12.3	11.8	13.0
60	5.4	5.3	6.0	5.7	5.7	7.6	6.1	6.8	6.1
90	4.4	3.0	2.1	3.0	2.9	3.5	4.4	2.9	3.1
120	2.3	2.0	3.3	2.8	5.4	8.0	5.3	2.9	4.1
150	2.9	3.1	3.0	2.9	4.3	6.4	5.5	3.5	3.9
180	4.4	3.9	4.3	5.3	4.8	5.5	4.5	4.7	4.9
210	5.3	5.7	4.9	6.2	5.7	5.0	5.9	5.4	5.5
240	3.1	3.1	3.7	3.2	3.7	3.5	4.6	4.0	3.7
270	5.0	4.0	3.7	3.4	3.8	3.8	4.3	3.5	3.8
300	11.8	13.1	15.7	10.6	12.0	10.3	12.8	14.1	12.3
330	28.9	28.3	26.3	29.9	23.3	17.5	19.2	25.2	25.4
360	13.2	13.3	12.3	11.5	12.7	14.1	14.4	14.0	12.8
Stille	1.3	1.8	1.4	1.5	1.8	1.5	.8	1.3	1.4
Ant.obs	(798)	(795)	(794)	(793)	(790)	(799)	(798)	(795)	(****)
Midlere vind m/s	3.0	3.0	3.0	3.0	2.9	2.9	2.9	3.0	3.0

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

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

*) Vind-retning	Klasser I	II	III	IV	Total	Nobs	Midlere vind m/s
30	2.1	5.3	4.7	.9	13.0	(2475)	3.7
60	1.4	2.6	1.8	.3	6.1	(1173)	3.3
90	1.3	1.3	.4	.1	3.1	(598)	2.5
120	2.1	1.5	.3	.1	4.1	(775)	2.3
150	1.5	1.4	.7	.3	3.9	(744)	3.0
180	1.2	1.8	1.4	.5	4.9	(927)	3.5
210	1.3	2.3	1.5	.5	5.5	(1054)	3.4
240	1.3	1.1	.9	.4	3.7	(711)	3.3
270	1.6	1.1	.7	.3	3.8	(717)	2.9
300	4.2	5.8	1.6	.6	12.3	(2340)	2.8
330	8.7	13.9	2.4	.4	25.4	(4847)	2.6
360	3.4	6.3	2.7	.4	12.8	(2446)	3.1
Stille					1.4	(275)	
Total	30.1	44.6	19.1	4.8	100.0	(****)	
Midlere vind m/s	1.3	2.9	4.8	7.1			3.0

*) Dette tallet angir sentrum av vindsektor

Tabell A3: a) Vindfrekvenser (vindrose) fra Ås for desember 1988.
b) Vindfrekvenser (vindrose) fra Ås for januar 1989.
c) Vindfrekvenser (vindrose) fra Ås for februar 1989.

a) Stasjon : AAS
Periode : 01.12.88 - 31.12.88

	FORDELING AV VINDRETNINGER OVER DØGNET (%)								
*) Vind-	Klokkeslett								Vind-
retning	01	04	07	10	13	16	19	22	rose
30	3.4	6.5	9.7	6.5	3.2	6.5	6.5	3.2	6.2
60	6.9	6.5	.0	.0	3.2	3.2	3.2	3.2	3.8
90	.0	.0	3.2	3.2	9.7	3.2	.0	3.2	2.4
120	3.4	.0	3.2	3.2	.0	3.2	.0	6.5	2.6
150	6.9	3.2	3.2	.0	.0	3.2	.0	.0	1.3
180	3.4	3.2	6.5	3.2	3.2	9.7	6.5	.0	6.6
210	10.3	6.5	12.9	22.6	12.9	.0	.0	9.7	6.6
240	.0	3.2	.0	3.2	3.2	12.9	16.1	3.2	5.7
270	20.7	9.7	6.5	3.2	16.1	16.1	6.5	6.5	10.1
300	17.2	35.5	35.5	19.4	16.1	16.1	25.8	38.7	24.7
330	27.6	19.4	12.9	25.8	29.0	22.6	29.0	22.6	23.5
360	.0	6.5	6.5	9.7	3.2	3.2	6.5	.0	6.3
Stille	.0	.0	.0	.0	.0	.0	.0	3.2	.3
Ant.obs	(29)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(742)
Midlere vind m/s	2.9	3.0	2.6	2.7	2.9	3.0	2.8	3.0	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-	Klasser						Midlere
retning	I	II	III	IV	Total	Nobs	vind m/s
30	1.8	2.3	1.8	.4	6.2	(46)	3.2
60	1.2	1.3	1.2	.0	3.8	(28)	3.0
90	1.6	.3	.5	.0	2.4	(18)	1.9
120	1.9	.3	.1	.3	2.6	(19)	1.9
150	.9	.4	.0	.0	1.3	(10)	1.7
180	2.4	3.0	1.1	.1	6.6	(49)	2.7
210	1.2	3.1	1.6	.7	6.6	(49)	3.4
240	1.6	2.0	.3	1.8	5.7	(42)	3.9
270	3.4	4.2	1.3	1.2	10.1	(75)	3.3
300	8.0	12.4	2.0	2.3	24.7	(183)	3.1
330	11.3	10.2	1.1	.8	23.5	(174)	2.4
360	2.4	3.6	.3	.0	6.3	(47)	2.4
Stille					.3	(2)	
Total	37.7	43.1	11.3	7.5	100.0	(742)	
Midlere vind m/s	1.3	2.8	4.7	7.8			2.8

*) Dette tallet angir sentrum av vindsektor

b) Stasjon : AAS
Periode : 01.01.89 - 31.01.89

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	3.2	.0	.0	.0	.0	.0	.0	.0	.4
60	.0	.0	.0	3.2	.0	.0	.0	3.2	.9
90	.0	.0	.0	.0	3.2	.0	3.2	3.2	1.2
120	.0	.0	3.2	.0	.0	6.5	3.2	.0	1.5
150	.0	.0	.0	6.5	.0	3.2	.0	.0	2.8
180	12.9	19.4	22.6	25.8	19.4	16.1	16.1	22.6	19.0
210	29.0	32.3	25.8	19.4	22.6	19.4	35.5	22.6	26.2
240	16.1	9.7	19.4	12.9	22.6	19.4	12.9	12.9	13.8
270	12.9	12.9	6.5	12.9	12.9	16.1	16.1	19.4	13.6
300	22.6	12.9	9.7	9.7	12.9	16.1	9.7	9.7	12.4
330	3.2	12.9	12.9	9.7	6.5	3.2	3.2	6.5	7.5
360	.0	.0	.0	.0	.0	.0	.0	.0	.7
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	3.6	3.5	3.6	3.5	4.0	3.6	3.6	3.6	3.6

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

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

*) Vind-retning	Klasser I	II	III	IV	Total	Nobs	Midlere vind m/s
30	.4	.0	.0	.0	.4	(3)	.9
60	.3	.7	.0	.0	.9	(7)	2.0
90	1.1	.1	.0	.0	1.2	(9)	1.1
120	1.3	.1	.0	.0	1.5	(11)	1.4
150	1.9	.7	.3	.0	2.8	(21)	1.9
180	2.0	7.4	8.2	1.3	19.0	(141)	3.9
210	3.4	11.0	9.4	2.4	26.2	(195)	3.8
240	2.0	6.6	3.1	2.2	13.8	(103)	3.9
270	2.0	3.9	3.2	4.4	13.6	(101)	4.9
300	3.0	5.9	2.0	1.5	12.4	(92)	3.4
330	3.2	3.9	.4	.0	7.5	(56)	2.2
360	.7	.0	.0	.0	.7	(5)	1.2
Stille					.0	(0)	
Total	21.2	40.3	26.6	11.8	100.0	(744)	
Midlere vind m/s	1.3	2.9	4.9	7.5			3.6

*) Dette tallet angir sentrum av vindsektor

c) Stasjon : AAS
Periode : 01.02.89 - 28.02.89

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	3.6	3.6	.0	.0	.0	.0	.0	3.6	1.8
60	3.6	7.1	10.7	7.1	7.1	7.1	3.6	.0	4.8
90	10.7	3.6	3.6	3.6	7.1	7.1	3.6	7.1	5.7
120	3.6	.0	3.6	10.7	10.7	7.1	7.1	3.6	6.4
150	3.6	3.6	3.6	10.7	3.6	10.7	3.6	10.7	7.0
180	17.9	28.6	14.3	.0	7.1	7.1	21.4	21.4	12.9
210	17.9	17.9	21.4	14.3	17.9	7.1	14.3	17.9	18.2
240	21.4	3.6	10.7	25.0	17.9	28.6	14.3	17.9	15.9
270	7.1	14.3	14.3	10.7	7.1	10.7	17.9	3.6	10.4
300	10.7	14.3	7.1	14.3	14.3	7.1	3.6	7.1	10.9
330	.0	3.6	3.6	3.6	7.1	7.1	3.6	3.6	4.2
360	.0	.0	7.1	.0	.0	.0	7.1	3.6	1.5
Stille	.0	.0	.0	.0	.0	.0	.0	.0	.4
Ant.obs	(28)	(28)	(28)	(28)	(28)	(28)	(28)	(28)	(672)
Midlere vind m/s	3.5	3.7	3.5	3.9	4.4	4.6	3.9	3.7	3.9

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	.7	.7	.1	.1	1.8	(12)	2.6
60	1.5	2.1	.9	.3	4.8	(32)	3.0
90	.9	3.6	.9	.3	5.7	(38)	3.0
120	3.1	3.0	.1	.1	6.4	(43)	2.2
150	1.8	1.8	1.6	1.8	7.0	(47)	4.1
180	2.2	4.0	5.1	1.6	12.9	(87)	4.1
210	2.1	6.7	5.7	3.7	18.2	(122)	4.3
240	2.5	3.9	5.8	3.7	15.9	(107)	4.4
270	.9	3.3	3.7	2.5	10.4	(70)	4.5
300	1.6	3.9	2.7	2.7	10.9	(73)	4.3
330	1.9	1.3	.0	.9	4.2	(28)	3.4
360	1.0	.4	.0	.0	1.5	(10)	1.9
Stille					.4	(3)	
Total	20.4	34.7	26.6	17.9	100.0	(672)	
Midlere vind m/s	1.3	2.9	5.0	7.3			3.9

*) Dette tallet angir sentrum av vindsektor

Tabell A4: Fire stabilitetsklasser fordelt over døgnet basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås vinteren 1988/89.

STABILITETSKLASSER (%) FORDELT OVER DØGNET

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

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.12.88 - 28.02.89

	Klasser			
Time	I	II	III	IV
01	.0	39.3	46.1	14.6
02	.0	40.0	47.8	12.2
03	.0	38.9	47.8	13.3
04	.0	37.8	50.0	12.2
05	.0	47.8	38.9	13.3
06	.0	46.7	35.6	17.8
07	.0	45.6	37.8	16.7
08	.0	40.0	47.8	12.2
09	1.1	44.4	41.1	13.3
10	6.7	57.8	25.6	10.0
11	18.9	62.2	10.0	8.9
12	16.7	67.8	12.2	3.3
13	14.4	74.4	5.6	5.6
14	20.0	67.8	8.9	3.3
15	6.7	71.1	16.7	5.6
16	3.3	58.9	27.8	10.0
17	.0	47.8	40.0	12.2
18	.0	50.0	43.3	6.7
19	.0	44.4	45.6	10.0
20	.0	42.2	47.8	10.0
21	.0	34.4	55.6	10.0
22	.0	37.8	48.9	13.3
23	.0	37.8	44.4	17.8
24	.0	35.6	48.9	15.6
Total	3.7	48.8	36.4	11.2

Antall obs : 2159
Manglende obs: 1

Tabell A5: Månedsvis stabilitetsfrekvens (i fire klasser) fordelt over døgnet, basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås:
a) desember 1988 b) januar 1989 c) februar 1989

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 : 01.12.88 - 31.12.88

	Klasser			
Time	I	II	III	IV
01	.0	33.3	50.0	16.7
02	.0	32.3	51.6	16.1
03	.0	32.3	48.4	19.4
04	.0	35.5	48.4	16.1
05	.0	45.2	38.7	16.1
06	.0	35.5	38.7	25.8
07	.0	35.5	35.5	29.0
08	.0	29.0	51.6	19.4
09	.0	22.6	54.8	22.6
10	.0	41.9	35.5	22.6
11	.0	67.7	12.9	19.4
12	6.5	64.5	22.6	6.5
13	3.2	83.9	6.5	6.5
14	9.7	71.0	16.1	3.2
15	.0	54.8	38.7	6.5
16	.0	29.0	58.1	12.9
17	.0	22.6	58.1	19.4
18	.0	29.0	64.5	6.5
19	.0	29.0	58.1	12.9
20	.0	32.3	54.8	12.9
21	.0	25.8	58.1	16.1
22	.0	22.6	58.1	19.4
23	.0	29.0	41.9	29.0
24	.0	32.3	48.4	19.4
Total	.8	39.0	43.7	16.4

Antall obs : 743
Manglende obs: 1

b)

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.01.89 - 31.01.89

Time	Klasser I	II	III	IV
01	.0	29.0	51.6	19.4
02	.0	32.3	51.6	16.1
03	.0	29.0	54.8	16.1
04	.0	25.8	61.3	12.9
05	.0	41.9	38.7	19.4
06	.0	51.6	32.3	16.1
07	.0	45.2	38.7	16.1
08	.0	38.7	45.2	16.1
09	.0	38.7	45.2	16.1
10	.0	58.1	35.5	6.5
11	19.4	58.1	16.1	6.5
12	16.1	67.7	12.9	3.2
13	16.1	64.5	9.7	9.7
14	12.9	74.2	6.5	6.5
15	3.2	77.4	9.7	9.7
16	.0	61.3	22.6	16.1
17	.0	35.5	48.4	16.1
18	.0	38.7	48.4	12.9
19	.0	32.3	51.6	16.1
20	.0	38.7	45.2	16.1
21	.0	29.0	58.1	12.9
22	.0	29.0	51.6	19.4
23	.0	35.5	41.9	22.6
24	.0	29.0	45.2	25.8
Total	2.8	44.2	38.4	14.5

Antall obs : 744
Manglende obs: 0

c)

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.02.89 - 28.02.89

Time	Klasser I	II	III	IV
01	.0	57.1	35.7	7.1
02	.0	57.1	39.3	3.6
03	.0	57.1	39.3	3.6
04	.0	53.6	39.3	7.1
05	.0	57.1	39.3	3.6
06	.0	53.6	35.7	10.7
07	.0	57.1	39.3	3.6
08	.0	53.6	46.4	.0
09	3.6	75.0	21.4	.0
10	21.4	75.0	3.6	.0
11	39.3	60.7	.0	.0
12	28.6	71.4	.0	.0
13	25.0	75.0	.0	.0
14	39.3	57.1	3.6	.0
15	17.9	82.1	.0	.0
16	10.7	89.3	.0	.0
17	.0	89.3	10.7	.0
18	.0	85.7	14.3	.0
19	.0	75.0	25.0	.0
20	.0	57.1	42.9	.0
21	.0	50.0	50.0	.0
22	.0	64.3	35.7	.0
23	.0	50.0	50.0	.0
24	.0	46.4	53.6	.0
Total	7.7	64.6	26.0	1.6

Antall obs : 672
Manglende obs: 0

Tabell A6: Frekvens (i %) av vind og stabilitet fordelt på fire vindstyrkeklasser og fire stabilitetsklasser basert på data fra Ås: a) vinteren 1988/89 b) vinterperiodene 1978/79-1987/88.

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 : 01.12.88 - 28.02.89
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	.3	.4	.3	.0	.9	.0	.0	.0	.6	.0	.0	.0	.2	.0	.0	2.8
60	.0	.4	.5	.1	.0	.9	.3	.1	.0	.7	.0	.0	.0	.1	.0	.0	3.1
90	.2	.3	.4	.3	.0	.8	.3	.1	.0	.5	.0	.0	.0	.1	.0	.0	3.0
120	.1	.6	1.0	.3	.0	.6	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	3.4
150	.2	.4	.7	.2	.0	.6	.3	.0	.0	.4	.2	.0	.0	.6	.0	.0	3.6
180	.1	.5	.9	.6	.0	2.6	1.9	.3	.0	4.1	.6	.0	.0	1.0	.0	.0	12.8
210	.0	.5	1.3	.4	.6	2.6	3.0	.7	.1	4.1	1.3	.0	.0	2.1	.1	.0	17.0
240	.2	.2	1.2	.4	.4	1.2	2.2	.4	.2	1.9	.8	.0	.0	2.3	.2	.0	11.7
270	.1	.4	1.1	.6	.1	.5	2.6	.5	.3	1.8	.6	.0	.1	2.2	.5	.0	11.4
300	.2	1.3	1.9	.8	.3	1.6	3.7	1.9	.1	1.2	.8	.1	.0	1.7	.4	.0	16.1
330	.1	1.9	2.5	1.2	.0	1.5	2.7	1.1	.0	.2	.3	.0	.0	.5	.1	.0	12.0
360	.0	.5	.7	.2	.0	1.1	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	2.9
Stille	.0	.0	.2	.0													.2
Total	1.3	7.5	12.6	5.5	1.4	15.0	17.7	5.4	.7	15.6	4.7	.3	.2	10.8	1.3	.0	100.0

Forekomst	26.9 %	39.5 %	21.4 %	12.2 %	100.0 %
Vindstyrke	1.3 m/s	2.9 m/s	4.9 m/s	7.5 m/s	3.4 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	3.7 %	48.8 %	36.4 %	11.2 %	100.0 %

Antall obs. : 2158
Manglende obs.: 2

b)

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.12.78 - 29.02.88
Enhet : Prosent

Vind-retning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	Rose
30	.0	1.3	.6	.1	.1	4.2	.9	.1	.1	4.3	.3	.0	.0	.9	.0	.0	12.9
60	.0	.8	.5	.0	.1	2.2	.4	.0	.0	1.7	.1	.0	.0	.3	.0	.0	6.1
90	.1	.7	.5	.2	.0	1.1	.2	.0	.0	.4	.0	.0	.0	.1	.0	.0	3.3
120	.2	1.0	.6	.3	.0	.9	.5	.1	.0	.3	.0	.0	.0	.1	.0	.0	4.0
150	.1	.5	.5	.3	.0	.7	.5	.1	.0	.6	.1	.0	.0	.3	.0	.0	3.9
180	.0	.5	.5	.2	.0	.8	.9	.1	.0	1.0	.4	.0	.0	.3	.2	.0	4.9
210	.1	.4	.5	.3	.0	.6	1.5	.2	.0	.6	.9	.0	.0	.2	.2	.0	5.5
240	.1	.3	.6	.3	.0	.2	.8	.1	.0	.3	.7	.0	.0	.2	.2	.0	3.7
270	.1	.6	.6	.3	.1	.2	.7	.2	.0	.2	.5	.0	.0	.1	.2	.0	3.8
300	.4	1.7	1.6	.5	.2	1.4	2.8	1.4	.0	.4	.9	.3	.0	.3	.3	.0	12.3
330	.5	3.8	3.3	1.1	.3	3.4	6.7	3.5	.0	.6	1.3	.5	.0	.2	.2	.0	25.4
360	.1	1.8	1.0	.4	.0	3.8	1.9	.5	.0	2.3	.4	.0	.0	.3	.1	.0	12.8
Stille	.2	.5	.6	.2													1.4
Total	1.9	13.8	11.5	4.3	.8	19.6	17.8	6.4	.1	12.7	5.5	.8	.0	3.3	1.5	.0	100.0

Forekomst	31.5 %	44.6 %	19.1 %	4.8 %	100.0 %
Vindstyrke	1.2 m/s	2.9 m/s	4.8 m/s	7.1 m/s	3.0 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	2.8 %	49.3 %	36.4 %	11.5 %	100.0 %

Antall obs. :19093
Manglende obs.: 2579

Tabell A7: Frekvens (i %) av vind og stabilitet på Ås:
a) desember 1988 b) januar 1989 c) februar 1989

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 : 01.12.88 - 31.12.88
Enhet : Prosent

Vind-retning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	Rose
30	.0	.9	.3	.5	.0	2.0	.1	.1	.0	1.8	.0	.0	.0	.4	.0	.0	6.2
60	.0	.3	.5	.4	.0	.8	.5	.0	.0	1.2	.0	.0	.0	.0	.0	.0	3.8
90	.3	.5	.4	.4	.0	.1	.0	.1	.0	.5	.0	.0	.0	.0	.0	.0	2.4
120	.0	.3	1.2	.4	.0	.0	.3	.0	.0	.1	.0	.0	.0	.3	.0	.0	2.6
150	.0	.3	.5	.1	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3
180	.3	.3	.9	.9	.0	.4	1.9	.7	.0	.1	.8	.1	.0	.1	.0	.0	6.6
210	.0	.1	.9	.1	.0	.7	1.8	.7	.0	1.1	.4	.1	.0	.5	.1	.0	6.6
240	.0	.1	.7	.8	.0	.3	1.1	.7	.0	.0	.3	.0	.0	1.8	.0	.0	5.7
270	.1	.4	1.5	1.3	.0	.1	3.2	.8	.0	.5	.8	.0	.0	1.1	.1	.0	10.1
300	.1	3.2	3.5	1.1	.0	3.2	6.3	2.8	.0	.9	.8	.3	.0	1.3	.9	.0	24.7
330	.0	4.2	5.4	1.8	.0	3.5	5.1	1.6	.0	.4	.7	.0	.0	.5	.3	.0	23.5
360	.0	1.3	1.1	.0	.0	2.8	.5	.3	.0	.3	.0	.0	.0	.0	.0	.0	6.3
Stille	.0	.0	.3	.0													.3
Total	.8	12.0	17.3	8.0	.0	14.0	21.2	8.0	.0	7.0	3.8	.5	.0	6.1	1.5	.0	100.0
Forekomst		38.0 %				43.1 %				11.3 %				7.5 %			100.0 %
Vindstyrke		1.3 m/s				2.8 m/s				4.7 m/s				7.8 m/s			2.8 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	.8 %	39.1 %	43.7 %	16.4 %	100.0 %

Antall obs. : 742
Manglende obs.: 2

b) FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.01.89 - 31.01.89
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	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
60	.0	.1	.1	.0	.1	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.9
90	.4	.1	.1	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2
120	.0	.3	.5	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5
150	.3	.3	.8	.5	.0	.4	.3	.0	.0	.1	.1	.0	.0	.0	.0	.0	2.8
180	.0	.4	.8	.8	.0	4.4	2.8	.1	.0	7.4	.8	.0	.0	1.3	.0	.0	19.0
210	.1	.7	1.6	.9	.5	4.2	5.1	1.2	.0	7.1	2.3	.0	.0	2.3	.1	.0	26.2
240	.1	.1	1.3	.4	.3	1.6	4.2	.5	.1	1.7	1.1	.1	.0	1.9	.3	.0	13.8
270	.3	.4	1.1	.3	.1	.3	3.0	.5	.3	2.2	.8	.0	.0	3.4	1.1	.0	13.6
300	.0	.0	1.6	1.3	.0	.4	3.4	2.2	.0	.8	1.1	.1	.0	1.2	.3	.0	12.4
330	.1	.1	1.3	1.6	.0	.4	2.0	1.5	.0	.3	.1	.0	.0	.0	.0	.0	7.5
360	.0	.0	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
Stille	.0	.0	.0	.0													.0
Total	1.3	2.6	9.7	7.7	1.1	12.0	20.7	6.6	.4	19.6	6.3	.3	.0	10.1	1.7	.0	100.0
Forekomst	21.2 %				40.3 %				26.6 %				11.8 %				100.0 %
Vindstyrke	1.3 m/s				2.9 m/s				4.9 m/s				7.5 m/s				3.6 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	2.8 %	44.2 %	38.4 %	14.5 %	100.0 %

Antall obs. : 744
Manglende obs.: 0

c) FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.02.89 - 28.02.89
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	.0	.7	.0	.0	.7	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	1.8
60	.0	.7	.7	.0	.0	1.6	.4	.0	.0	.9	.0	.0	.0	.3	.0	.0	4.8
90	.0	.3	.6	.0	.0	2.5	1.0	.0	.0	.9	.0	.0	.0	.3	.0	.0	5.7
120	.4	1.5	1.2	.0	.0	1.9	1.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	6.4
150	.3	.7	.7	.0	.0	1.5	.3	.0	.0	1.2	.4	.0	.0	1.8	.0	.0	7.0
180	.1	.9	1.0	.1	.0	3.0	1.0	.0	.0	4.8	.3	.0	.0	1.6	.0	.0	12.9
210	.0	.7	1.2	.1	1.2	3.1	2.1	.3	.4	4.0	1.2	.0	.0	3.6	.1	.0	18.2
240	.4	.4	1.6	.0	.9	1.8	1.2	.0	.6	4.2	1.0	.0	.1	3.3	.3	.0	15.9
270	.0	.3	.6	.0	.3	1.2	1.6	.1	.6	2.8	.3	.0	.3	2.1	.1	.0	10.4
300	.4	.7	.4	.0	.9	1.0	1.2	.7	.3	1.8	.6	.0	.1	2.5	.0	.0	10.9
330	.1	1.2	.6	.0	.0	.4	.7	.1	.0	.0	.0	.0	.0	.9	.0	.0	4.2
360	.0	.1	.9	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
Stille	.0	.1	.3	.0													.4
Total	1.9	7.9	10.7	.3	3.3	19.3	10.7	1.3	1.9	20.7	4.0	.0	.6	16.7	.6	.0	100.0
Forekomst	20.8 %				34.7 %				26.6 %				17.9 %				100.0 %
Vindstyrke	1.3 m/s				2.9 m/s				5.0 m/s				7.3 m/s				3.9 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	7.7 %	64.6 %	26.0 %	1.6 %	100.0 %

Antall obs. : 672
Manglende obs.: 0

Tabell A8: Horisontal turbulens som funksjon av vindretning, fire vindstyrkeklasser og fire stabilitetsklasser for Ås vinteren 1988/89.
a) sigma kort b) sigma kort + lang

a)

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

SIGK : AAS
Periode : 01.12.88 - 28.02.89
Enhet : GRADER

Vind-retning	.0- 2.0 m/s I	II	III	IV	2.0- 4.0 m/s I	II	III	IV	4.0- 6.0 m/s I	II	III	IV	over 6.0 m/s I	II	III	IV	Rose
30	-	22.0	26.4	35.2	-	17.1	14.5	60.5	-	14.6	-	-	-	13.7	-	-	20.5
60	-	27.9	39.0	26.3	15.6	14.4	17.7	10.9	-	16.6	-	-	-	16.3	-	-	21.0
90	26.4	26.5	39.8	32.9	-	13.4	8.9	46.7	-	14.3	-	-	-	17.9	-	-	21.7
120	48.3	17.6	22.9	33.4	-	11.3	10.4	5.1	-	13.6	11.9	-	-	11.6	-	-	19.4
150	56.7	22.3	34.3	21.2	-	13.8	13.2	26.5	-	13.3	11.9	-	-	13.8	-	-	21.4
180	24.0	16.4	33.7	31.4	-	14.3	15.8	10.5	-	12.5	12.3	12.1	-	12.7	-	-	16.1
210	21.0	25.1	35.3	40.4	16.3	13.7	16.8	15.1	14.6	12.8	11.2	8.9	-	12.1	11.4	-	16.4
240	24.5	32.1	29.8	38.7	17.6	20.4	19.4	14.8	17.3	16.6	15.9	8.2	18.0	16.2	12.7	-	19.9
270	21.8	24.1	31.3	27.1	15.4	17.4	18.5	9.5	17.3	16.3	16.3	-	15.2	16.0	14.4	-	18.7
300	16.1	13.9	20.6	20.3	11.8	10.7	12.0	9.5	14.0	14.1	14.6	8.2	16.2	13.8	12.5	-	13.7
330	16.0	14.8	15.5	21.7	-	9.8	9.8	7.9	-	12.1	9.5	-	-	12.9	11.8	-	13.0
360	-	20.1	17.7	22.9	-	12.2	8.7	32.0	-	13.6	-	-	-	-	-	-	16.1
Stille	-	33.5	47.4	-													44.6
Middel	29.5	19.1	26.4	28.0	15.6	13.8	14.8	12.0	16.4	14.0	13.4	9.0	16.1	14.3	13.0	-	16.9
Konsentr.		24.8				14.0				13.9				14.2			

Middelverdi for ulike stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV
Konsentr.	20.9	14.8	18.5	19.8

Antall obs. : 2158
Manglende obs.: 2

b)

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

SIGKL : AAS
Periode : 01.12.88 - 28.02.89
Enhet : GRADER

Vind-retning	.0- 2.0 m/s I	II	III	IV	2.0- 4.0 m/s I	II	III	IV	4.0- 6.0 m/s I	II	III	IV	over 6.0 m/s I	II	III	IV	Rose
30	-	23.9	43.7	52.2	-	19.7	16.7	85.5	-	15.0	-	-	-	14.5	-	-	26.1
60	-	57.3	70.0	80.8	16.8	17.7	24.3	24.1	-	17.1	-	-	-	17.1	-	-	33.8
90	49.2	43.0	59.2	51.0	-	16.5	14.0	77.9	-	15.0	-	-	-	18.8	-	-	31.8
120	69.9	23.0	38.7	49.5	-	13.5	14.0	8.0	-	17.4	15.8	-	-	12.0	-	-	28.3
150	81.6	34.4	56.0	48.1	-	17.0	20.2	39.9	-	16.3	16.5	-	-	14.3	-	-	31.8
180	38.4	23.5	49.8	44.4	-	16.3	19.1	19.5	-	13.5	14.6	27.5	-	13.3	-	-	20.0
210	29.3	34.8	48.5	71.6	17.9	15.7	20.9	22.8	15.6	13.8	12.7	9.1	-	12.8	11.6	-	20.3
240	28.5	50.0	38.3	72.7	19.3	23.0	24.1	22.3	18.2	17.4	17.3	12.8	18.6	16.8	14.2	-	24.2
270	26.0	30.0	45.9	47.8	18.7	21.3	23.2	15.7	18.1	17.7	19.0	-	16.8	16.7	15.5	-	23.5
300	18.5	21.0	34.3	36.3	12.9	14.2	16.8	15.3	14.6	15.8	16.8	11.9	19.2	14.5	13.4	-	19.3
330	25.5	19.4	22.5	32.9	-	13.1	15.8	13.7	-	13.2	12.3	-	-	13.5	12.6	-	18.7
360	-	26.4	27.4	31.7	-	14.8	15.9	40.7	-	15.7	-	-	-	-	-	-	21.9
Stille	-	63.4	104.4	-													96.2
Middel	42.9	27.5	40.4	47.0	17.3	16.5	19.5	19.2	17.2	15.1	15.5	14.2	17.8	15.0	14.0	-	22.6
Konsentr.		38.3				18.2				15.2				14.9			

Middelverdi for ulike stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV
Konsentr.	26.7	17.4	26.0	32.7

Antall obs. : 2158
Manglende obs.: 2

Tabell A9: Månedsvis temperaturstatistikk fra Ås (2 m) vinteren 1988/89. Middel-, maksimum- og minimumstemperaturer, antall observasjoner av temperatur under gitte grenser samt midlere døgnfordeling.

Stasjon : AAS
Periode : 01.12.88 - 28.02.89
Parameter: TEMPERATUR 2m
Enhet : GRADER C

MIDDEL-, MAKSIMUM- OG MINIMUMVERDIER

			Maks			Min			Midlere	
Måned	Nobs	Tmidl	T	Dag	Kl	T	Dag	Kl	Tmaks	Tmin
Des 1988	31	-.9	10.9	30	15	-13.2	2	08	1.8	-3.8
Jan 1989	31	4.1	11.7	15	12	-5.2	6	08	6.9	1.2
Feb 1989	28	3.6	13.5	6	14	-3.3	18	05	6.2	1.0

FOREKOMST INNEN GITTE GRENSER

	T <-10.0		T < .0		T < 10.0	
Måned	Døgn	Timer	Døgn	Timer	Døgn	Timer
Des 1988	4	42	26	456	31	741
Jan 1989	0	0	9	78	31	727
Feb 1989	0	0	11	58	28	647

MIDLERE MÅNEDSVIS DØGNFORDELING

Måned: Des 1988 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	-1.1	-1.6	-1.6	-1.3	.7	-.1	-.8	-1.2	
Stand.avvik	4.3	4.5	4.6	4.7	4.7	4.7	4.5	4.5	
Nobs	(30)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(743)

Måned: Jan 1989 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	3.5	3.4	3.1	3.7	5.6	5.2	4.5	3.9	
Stand.avvik	3.2	2.9	2.9	3.3	3.4	2.9	2.9	3.2	
Nobs	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)

Måned: Feb 1989 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	2.8	2.8	2.6	3.9	5.3	5.3	3.6	3.0	
Stand.avvik	2.6	2.8	2.9	2.9	3.1	2.9	2.7	2.7	
Nobs	(28)	(28)	(28)	(28)	(28)	(28)	(28)	(28)	(672)

Tabell A10: Månedsvis relativ fuktighetsstatistikk fra Ås vinteren 1988/89. Middel-, maksimum- og minimumsverdier, antall observasjoner av relativ fuktighet under gitte grenser samt midlere døgnfordeling.

Stasjon : AAS
Periode : 01.12.88 - 28.02.89
Parameter: REL.FUKT.
Enhet : PROSENT

MIDDEL-, MAKSIMUM- OG MINIMUMVERDIER

			Maks			Min			Midlere	
Måned	Nobs	RHmidl	RH	Dag	Kl	RH	Dag	Kl	RHmaks	RHmin
Des 1988	31	.79	.99	*22	03	.46	31	02	.89	.67
Jan 1989	31	.77	.96	*24	21	.39	22	18	.89	.65
Feb 1989	28	.77	.98	3	23	.28	15	15	.90	.63

FOREKOMST INNEN GITTE GRENSER

	RH < .30		RH < .75		RH < .95	
Måned	Døgn	Timer	Døgn	Timer	Døgn	Timer
Des 1988	0	0	23	222	31	702
Jan 1989	0	0	23	273	31	732
Feb 1989	2	3	21	259	28	662

MIDLERE MÅNEDSVIS DØGNFORDELING

Måned: Des 1988 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	.80	.79	.80	.79	.78	.79	.81	.81	
Stand.avvik	.12	.13	.12	.12	.11	.12	.12	.11	
Nobs	(30)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(743)

Måned: Jan 1989 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	.78	.79	.79	.79	.75	.76	.77	.78	
Stand.avvik	.11	.10	.11	.11	.14	.15	.14	.12	
Nobs	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)

Måned: Feb 1989 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	.81	.82	.82	.78	.72	.70	.75	.80	
Stand.avvik	.13	.13	.13	.13	.17	.20	.17	.15	
Nobs	(28)	(28)	(28)	(28)	(28)	(28)	(28)	(28)	(672)

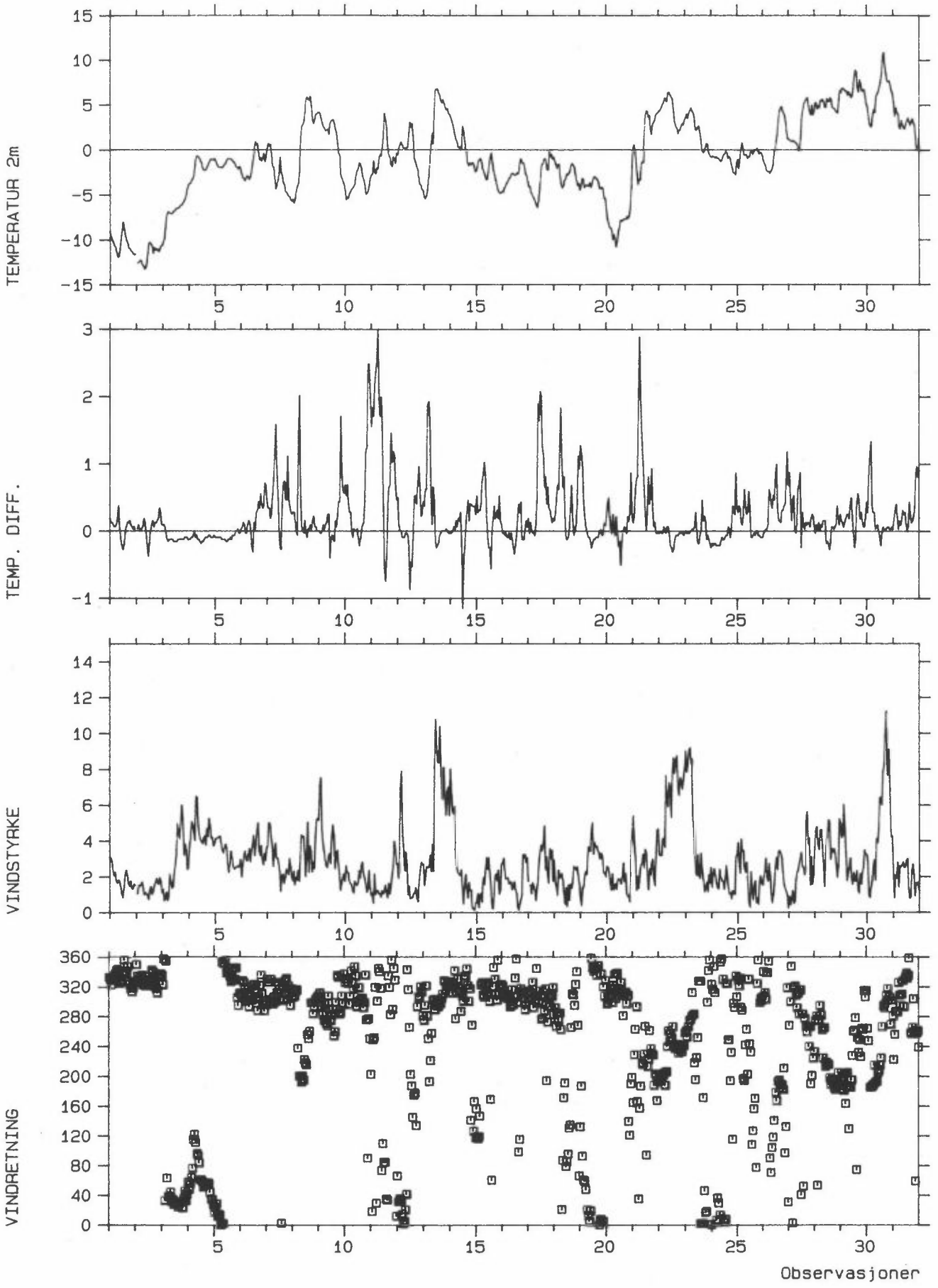
VEDLEGG B

Grafisk fremstilling av tidsforløpet av:

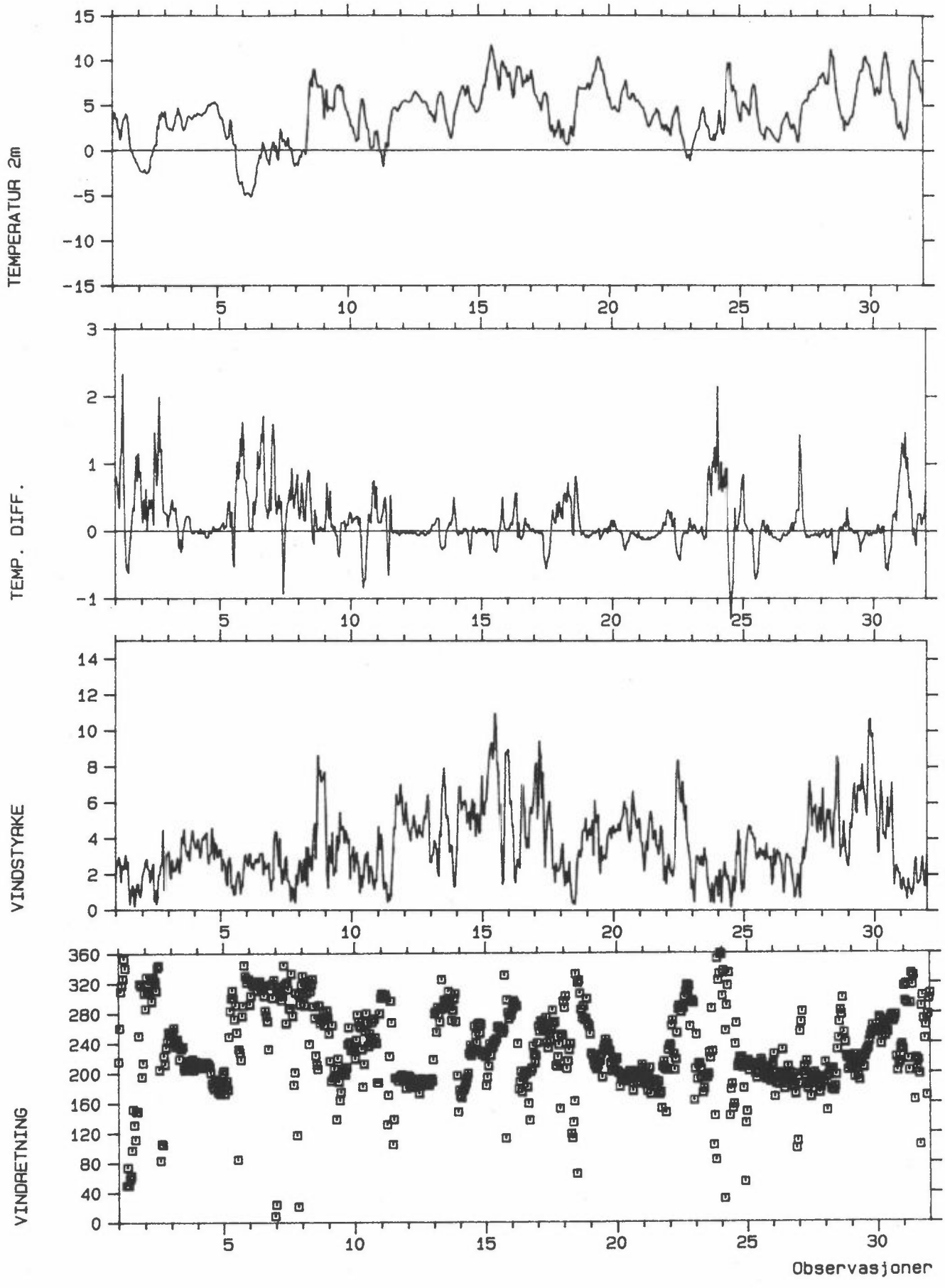
Temperatur	(2 m)	(^{0}C)
Temperatur differanse	(25-10 m)	(^{0}C)
Vindhastighet	(25 m)	(m/s)
Vindretning	(25 m)	(grader)

for månedene desember 1988, januar og februar 1989 ved Ås.

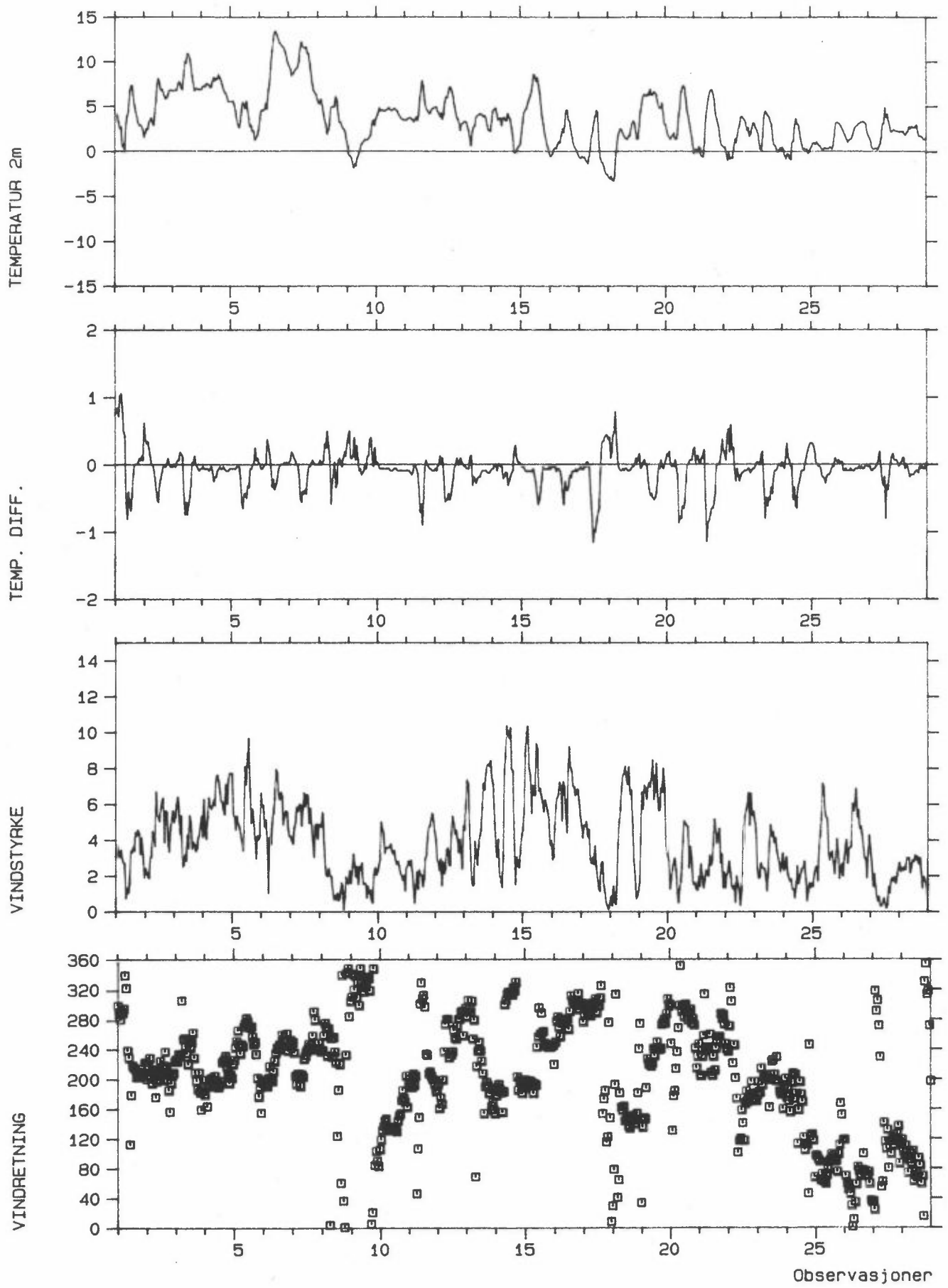
Stasjon: ÅS
Måned : DESEMBER 1988



Stasjon: ÅS
Måned : JANUAR 1989



Stasjon: ÅS
Måned : FEBRUAR 1989



VEDLEGG C

Liste over timesmidlede meteorologiske data
fra Ås.

Vinteren 1988/89 (01.12.88-28.02.89).

FØLGENDE PARAMETRE ER GITT I DEN SYNOPTISKE LISTEN AV DATA

1. DD-25 = vindretning (grader; 90 = vind fra øst,
   180 = vind fra sør, osv.)
2. FF-25 = vindstryke (m/s) 25 m over bakken ved Ås
3. GUST1 = høyeste 1 sek.-midl. vindhastighet 25 m over bakken ved Ås
4. GUST3 = høyeste 3 sek.-midl. vindhastighet 25 m over bakken ved Ås
5. SIGK = standardavvik i vindretningsfluktasjoner (σ_θ) midlet over 5 min. (grader)
6. SIGKL = timesmiddel av σ_θ (grader)
7. T-25 = lufttemperatur (^{0}C) 25 m over bakken ved Ås
8. T-2 = lufttemperatur (^{0}C) 2 m over bakken ved Ås
9. DT = temperaturforskjell (^{0}C) 25-10 m ved Ås
10. RH-2 = relativ fuktighet (%) 2 m over bakken ved Ås

Observasjon 99 betegner manglende data.

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
1	12	88	1	333.	3.1	5.0	4.8	6.0	7.8	-8.8	-9.1	.19	.76
1	12	88	2	330.	3.0	4.8	4.6	6.0	8.1	-9.3	-9.7	.12	.77
1	12	88	3	323.	2.9	4.4	4.2	5.3	10.4	-9.6	-10.0	.12	.76
1	12	88	4	333.	2.3	3.8	3.6	6.7	9.0	-9.9	-10.3	.09	.76
1	12	88	5	329.	2.1	3.6	3.2	7.6	9.1	-10.3	-10.6	.06	.75
1	12	88	6	335.	2.2	3.8	3.6	8.2	8.7	-10.5	-10.8	.06	.75
1	12	88	7	337.	1.8	3.4	3.2	7.2	8.3	-10.9	-11.4	.09	.74
1	12	88	8	342.	1.6	3.0	2.8	6.3	7.6	-11.1	-11.9	.19	.73
1	12	88	9	343.	1.8	2.8	2.8	4.9	8.6	-11.1	-11.9	.37	.73
1	12	88	10	339.	1.7	3.2	3.0	8.3	9.8	-11.0	-11.2	.03	.74
1	12	88	11	325.	1.4	2.8	2.6	9.4	10.3	-10.2	-10.0	-.12	.76
1	12	88	12	328.	1.0	2.0	1.6	9.4	10.2	-9.5	-9.0	-.22	.77
1	12	88	13	329.	.8	2.0	2.0	12.2	13.6	-8.8	-8.0	-.28	.79
1	12	88	14	339.	1.3	2.8	2.6	8.3	11.5	-8.8	-8.8	-.22	.77
1	12	88	15	356.	2.1	4.0	3.8	7.2	10.7	-9.2	-9.6	-.03	.76
1	12	88	16	340.	2.4	4.2	4.0	5.6	8.2	-9.5	-10.1	.06	.75
1	12	88	17	339.	2.1	4.0	3.6	6.4	8.0	-9.7	-10.4	.12	.75
1	12	88	18	347.	1.6	3.4	3.0	6.4	9.8	-9.9	-10.9	.12	.74
1	12	88	19	328.	1.5	3.0	2.8	7.3	12.0	-10.3	-11.0	.16	.74
1	12	88	20	323.	1.8	3.2	3.0	8.1	10.6	-10.7	-11.2	.09	.74
1	12	88	21	318.	1.3	3.0	2.8	6.6	8.1	-10.9	-11.4	.06	.74
1	12	88	22	314.	1.3	2.6	2.4	7.3	8.9	-11.1	-11.6	.03	.74
1	12	88	23	319.	1.6	2.8	2.6	9.5	12.3	-11.5	-11.7	.06	.73
1	12	88	24	328.	1.5	2.4	2.4	8.7	10.1	-11.6	-11.6	.00	.73
2	12	88	1	99.	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.00	99.00
2	12	88	2	350.	1.1	3.2	2.8	8.2	9.2	-12.1	-12.5	.03	.55
2	12	88	3	335.	1.5	3.2	3.0	7.4	9.9	-12.1	-12.4	.09	.58
2	12	88	4	329.	1.5	2.8	2.6	9.2	9.3	-12.1	-12.2	.03	.54
2	12	88	5	332.	1.6	2.8	2.6	8.3	9.3	-12.2	-12.3	.00	.60
2	12	88	6	335.	1.7	3.0	2.8	7.3	8.7	-12.5	-12.7	.03	.66
2	12	88	7	336.	1.4	2.6	2.4	7.4	8.8	-12.4	-12.8	.06	.64
2	12	88	8	323.	1.0	3.0	2.8	6.7	10.6	-12.5	-13.2	.19	.63
2	12	88	9	326.	1.2	2.0	2.0	7.4	8.4	-12.7	-13.1	.12	.64
2	12	88	10	322.	1.1	2.2	2.0	9.7	11.2	-12.4	-12.6	-.03	.63
2	12	88	11	322.	1.0	1.8	1.8	10.2	11.2	-11.8	-11.5	-.22	.70
2	12	88	12	322.	.8	1.8	1.4	10.7	13.3	-10.9	-10.3	-.37	.73
2	12	88	13	329.	1.3	2.6	2.4	9.1	11.1	-10.7	-10.2	-.19	.74
2	12	88	14	329.	1.5	3.2	3.0	9.4	11.0	-10.4	-10.4	.00	.73
2	12	88	15	328.	1.1	2.2	2.0	8.3	9.1	-10.5	-10.7	.09	.72
2	12	88	16	343.	1.2	3.6	3.4	6.4	9.3	-10.6	-11.4	.16	.71
2	12	88	17	340.	1.5	3.0	2.8	7.3	8.3	-10.5	-10.8	.06	.72
2	12	88	18	323.	1.7	2.8	2.6	7.0	8.7	-10.7	-11.0	.12	.72
2	12	88	19	321.	1.9	3.0	2.8	6.7	8.0	-10.8	-11.0	.12	.72
2	12	88	20	318.	1.7	2.6	2.4	6.3	7.3	-10.9	-11.1	.16	.72
2	12	88	21	312.	1.6	2.4	2.2	6.4	7.2	-11.0	-11.3	.19	.71
2	12	88	22	336.	2.0	3.2	3.0	6.4	8.1	-10.7	-10.9	.34	.72
2	12	88	23	336.	1.8	3.4	3.2	6.4	7.2	-10.4	-10.6	.28	.72
2	12	88	24	337.	1.1	2.4	2.2	11.1	12.5	-10.4	-10.6	.09	.73
3	12	88	1	336.	1.3	2.6	2.2	8.6	9.6	-10.2	-10.2	.09	.73
3	12	88	2	323.	.7	1.8	1.8	15.1	17.0	-9.9	-9.9	.09	.74
3	12	88	3	357.	.8	1.8	1.8	14.8	16.6	-8.9	-8.7	.06	.76
3	12	88	4	34.	1.2	3.2	2.8	20.1	22.8	-7.5	-7.3	-.03	.79
3	12	88	5	354.	.7	2.0	2.0	47.1	47.8	-7.1	-6.9	-.12	.80
3	12	88	6	63.	.9	4.2	4.0	52.5	62.7	-7.1	-6.8	-.16	.80
3	12	88	7	39.	2.2	4.8	4.6	16.5	17.3	-7.2	-7.0	-.12	.79
3	12	88	8	38.	1.8	4.2	3.8	17.4	18.0	-7.2	-7.0	-.12	.79
3	12	88	9	45.	1.4	4.6	4.2	31.6	32.1	-7.2	-7.0	-.12	.79
3	12	88	10	32.	1.5	3.8	3.6	23.3	24.2	-7.1	-6.8	-.12	.79
3	12	88	11	35.	2.2	4.4	4.0	17.3	18.0	-7.0	-6.7	-.16	.79
3	12	88	12	28.	2.7	4.8	4.4	15.7	16.0	-6.8	-6.6	-.16	.77
3	12	88	13	32.	3.2	6.2	6.0	14.5	14.5	-6.6	-6.4	-.16	.79
3	12	88	14	30.	5.0	8.0	7.4	11.8	12.1	-6.6	-6.4	-.16	.78
3	12	88	15	30.	4.7	8.0	7.0	12.6	12.9	-6.5	-6.4	-.12	.77
3	12	88	16	25.	4.2	7.4	7.0	13.0	13.0	-6.4	-6.2	-.12	.77
3	12	88	17	30.	4.9	8.8	8.2	12.8	13.0	-6.2	-6.1	-.12	.78
3	12	88	18	31.	6.0	10.0	9.4	11.0	11.0	-6.2	-6.1	-.12	.77
3	12	88	19	31.	5.4	9.4	8.4	12.3	12.3	-6.0	-5.9	-.12	.77
3	12	88	20	24.	3.3	8.2	7.6	17.4	18.2	-5.8	-5.6	-.12	.79
3	12	88	21	37.	3.9	7.6	7.2	15.6	16.0	-5.5	-5.3	-.09	.80
3	12	88	22	46.	3.6	7.8	7.2	17.7	18.7	-5.2	-5.0	-.09	.81
3	12	88	23	34.	2.5	6.6	6.0	26.9	27.5	-4.4	-4.3	-.09	.82
3	12	88	24	42.	2.6	6.2	5.8	26.3	26.6	-4.0	-3.8	-.12	.83

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	12	88	1	59.	3.7	8.0	7.6	22.7	22.9	-3.9	-3.7	-.12	.85
4	12	88	2	49.	4.2	8.6	7.8	17.3	17.6	-3.8	-3.7	-.12	.87
4	12	88	3	56.	5.1	10.2	9.4	15.8	16.2	-3.5	-3.3	-.09	.88
4	12	88	4	65.	5.0	10.0	9.4	14.0	14.2	-3.3	-3.2	-.09	.88
4	12	88	5	77.	4.5	9.2	8.8	13.3	14.4	-2.9	-2.8	-.06	.89
4	12	88	6	115.	4.1	9.4	9.2	13.6	17.4	-2.0	-1.9	.00	.91
4	12	88	7	122.	6.5	12.0	11.4	11.2	11.3	-.9	-.7	-.09	.92
4	12	88	8	111.	6.5	11.8	11.2	11.2	11.4	-.8	-.6	-.06	.88
4	12	88	9	97.	4.9	9.0	8.6	12.0	12.4	-1.0	-.7	-.12	.90
4	12	88	10	94.	4.4	7.8	7.4	11.5	12.0	-1.1	-.9	-.12	.91
4	12	88	11	84.	4.1	7.8	7.4	12.2	12.8	-1.3	-1.2	-.16	.91
4	12	88	12	62.	4.0	7.8	7.6	14.3	16.3	-1.6	-1.4	-.19	.90
4	12	88	13	62.	3.9	8.6	8.2	13.4	13.7	-2.1	-2.0	-.16	.90
4	12	88	14	59.	4.2	8.8	7.6	15.8	16.0	-2.3	-2.2	-.16	.89
4	12	88	15	52.	4.3	9.0	8.4	18.0	18.3	-2.4	-2.2	-.12	.89
4	12	88	16	55.	3.8	8.6	8.4	18.3	18.5	-2.3	-2.1	-.09	.89
4	12	88	17	56.	4.7	9.2	8.8	18.0	18.2	-2.0	-1.9	-.09	.89
4	12	88	18	56.	4.3	9.4	9.0	17.9	18.0	-1.8	-1.6	-.09	.89
4	12	88	19	58.	5.3	9.8	8.8	14.4	14.5	-1.5	-1.4	-.06	.89
4	12	88	20	56.	4.9	8.8	8.2	15.1	15.3	-1.2	-1.1	-.06	.89
4	12	88	21	45.	4.2	10.0	8.8	17.1	17.6	-1.2	-1.0	-.09	.90
4	12	88	22	35.	4.2	8.0	7.4	16.9	17.2	-1.2	-1.0	-.09	.90
4	12	88	23	35.	3.8	7.4	7.0	17.2	17.6	-1.2	-1.0	-.09	.89
4	12	88	24	28.	3.9	8.4	8.0	15.3	15.8	-1.1	-.9	-.06	.89
5	12	88	1	18.	4.2	9.0	8.6	15.5	16.2	-1.3	-1.2	-.09	.88
5	12	88	2	24.	4.2	7.8	7.4	13.5	13.8	-1.6	-1.5	-.09	.87
5	12	88	3	30.	4.2	9.4	9.2	15.5	15.8	-1.9	-1.8	-.09	.85
5	12	88	4	13.	4.3	9.8	9.4	14.4	15.1	-2.0	-1.9	-.09	.84
5	12	88	5	15.	4.3	8.4	7.8	15.1	15.8	-2.0	-1.9	-.09	.84
5	12	88	6	14.	3.9	8.4	8.2	13.5	13.6	-1.9	-1.8	-.09	.83
5	12	88	7	1.	3.5	6.8	6.6	12.4	13.0	-2.0	-1.9	-.12	.85
5	12	88	8	353.	3.4	7.0	6.8	10.8	11.0	-1.9	-1.8	-.12	.84
5	12	88	9	3.	3.6	7.8	7.0	12.6	12.7	-1.6	-1.6	-.12	.79
5	12	88	10	351.	3.8	7.8	7.4	12.2	12.7	-1.6	-1.5	-.12	.79
5	12	88	11	356.	3.7	7.8	7.0	12.8	13.4	-1.3	-1.2	-.16	.79
5	12	88	12	339.	2.7	7.0	6.8	10.7	12.1	-1.1	-1.0	-.16	.79
5	12	88	13	342.	2.3	4.6	4.4	8.2	8.7	-1.0	-.9	-.12	.81
5	12	88	14	339.	2.8	5.4	5.2	8.6	9.4	-1.0	-.9	-.12	.80
5	12	88	15	335.	3.5	6.0	5.8	8.9	9.1	-1.0	-1.0	-.09	.80
5	12	88	16	328.	3.1	5.4	5.0	9.2	10.2	-1.1	-1.0	-.12	.84
5	12	88	17	342.	2.6	4.0	3.8	6.1	8.4	-1.2	-1.3	-.06	.83
5	12	88	18	329.	2.5	3.8	3.6	6.1	8.3	-1.2	-1.3	-.06	.82
5	12	88	19	346.	2.5	4.8	4.4	6.1	9.0	-1.4	-1.5	-.06	.83
5	12	88	20	330.	2.6	4.4	4.2	6.3	8.3	-1.5	-1.8	.00	.80
5	12	88	21	346.	2.6	4.2	4.0	5.8	6.9	-1.6	-1.9	.00	.81
5	12	88	22	307.	2.6	4.0	3.8	4.9	17.4	-1.7	-2.1	.03	.81
5	12	88	23	295.	2.6	4.0	3.8	8.0	9.9	-1.8	-1.8	-.03	.85
5	12	88	24	312.	3.0	5.0	4.6	6.4	10.8	-1.9	-2.0	-.03	.84
6	12	88	1	312.	2.0	3.4	3.2	6.9	11.1	-2.1	-2.6	.03	.83
6	12	88	2	309.	2.7	5.0	4.8	7.2	9.8	-2.6	-3.0	.06	.85
6	12	88	3	329.	3.2	4.4	4.2	4.0	7.6	-2.7	-3.1	.12	.80
6	12	88	4	326.	3.5	5.0	4.8	6.4	9.2	-3.1	-3.4	.09	.83
6	12	88	5	316.	3.0	4.6	4.2	7.0	9.4	-3.2	-3.2	-.03	.85
6	12	88	6	301.	2.9	4.0	3.8	4.0	7.2	-2.9	-2.9	-.03	.86
6	12	88	7	302.	3.3	5.2	5.2	6.0	6.7	-2.7	-2.9	.09	.85
6	12	88	8	307.	3.6	5.8	5.6	4.4	7.2	-3.0	-3.2	.16	.85
6	12	88	9	294.	2.9	4.6	4.4	5.6	9.3	-2.8	-3.1	.12	.84
6	12	88	10	312.	3.5	6.2	6.0	6.0	8.6	-2.5	-2.5	.00	.84
6	12	88	11	302.	3.8	5.4	5.0	6.4	9.3	-1.9	-1.7	-.25	.82
6	12	88	12	302.	4.4	7.8	7.4	6.7	6.7	-1.1	-.8	-.31	.79
6	12	88	13	323.	3.2	6.8	6.4	16.3	25.7	-.1	-.3	.12	.79
6	12	88	14	323.	3.9	7.8	7.2	12.0	19.5	1.2	.9	.03	.78
6	12	88	15	316.	4.6	7.4	7.2	8.4	12.0	.9	.6	.28	.82
6	12	88	16	304.	5.0	7.4	7.0	6.3	9.0	1.1	.7	.31	.76
6	12	88	17	288.	3.5	6.0	5.8	5.1	8.9	.4	-.2	.43	.80
6	12	88	18	307.	3.2	5.0	4.6	5.4	9.6	-.6	-1.1	.34	.84
6	12	88	19	322.	3.8	6.4	6.2	4.7	6.3	-.2	-.9	.56	.80
6	12	88	20	336.	2.9	7.2	6.8	9.0	11.8	-.1	-1.3	.40	.79
6	12	88	21	311.	2.7	6.0	5.6	9.3	16.2	.3	-.9	.34	.76
6	12	88	22	297.	3.3	5.2	5.0	5.8	16.7	.3	-.4	.37	.74
6	12	88	23	288.	3.0	4.4	4.2	7.7	9.0	-.6	-1.3	.71	.79
6	12	88	24	301.	3.7	6.6	6.2	7.6	10.2	-.2	-.8	.68	.74

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	12	88	1	297.	3.8	8.6	7.6	10.8	12.7	.7	.1	.43	.67
7	12	88	2	330.	5.1	9.8	9.2	10.2	13.6	1.2	.7	.34	.63
7	12	88	3	326.	5.0	8.6	8.2	10.3	14.4	1.0	.5	.34	.64
7	12	88	4	302.	4.3	7.6	6.6	7.6	10.7	1.1	.6	.19	.60
7	12	88	5	330.	3.8	6.6	6.4	8.2	13.8	.2	-.4	.25	.68
7	12	88	6	302.	2.6	4.6	4.4	28.3	33.6	-1.0	-1.8	.53	.76
7	12	88	7	298.	3.3	5.4	5.0	4.9	12.5	-.9	-1.9	.75	.75
7	12	88	8	307.	3.9	5.4	5.0	2.8	4.2	-2.4	-3.0	1.12	.79
7	12	88	9	301.	3.1	5.8	5.6	6.1	17.4	-3.2	-4.3	1.58	.85
7	12	88	10	326.	3.0	4.2	4.0	4.0	7.4	-2.9	-4.0	.96	.82
7	12	88	11	312.	2.8	4.0	3.8	5.8	8.4	-3.4	-3.4	.59	.81
7	12	88	12	326.	2.4	4.0	3.8	5.6	14.1	-2.9	-2.8	.06	.80
7	12	88	13	316.	1.2	3.0	2.6	12.3	16.7	-1.1	-.8	-.25	.76
7	12	88	14	304.	2.1	3.4	3.2	8.2	15.1	-2.3	-2.5	-.28	.81
7	12	88	15	3.	2.2	4.2	4.0	9.3	24.8	-2.6	-2.8	.37	.83
7	12	88	16	321.	1.7	3.0	3.0	10.3	14.7	-2.8	-3.6	.71	.83
7	12	88	17	302.	2.0	3.4	3.2	6.9	15.6	-3.2	-3.9	.75	.84
7	12	88	18	329.	2.5	4.0	3.8	8.8	16.2	-4.1	-4.6	.47	.87
7	12	88	19	332.	2.3	4.4	4.4	11.2	18.1	-4.3	-4.7	.47	.85
7	12	88	20	304.	2.2	3.8	3.6	6.1	14.2	-4.2	-5.0	1.12	.84
7	12	88	21	322.	3.0	5.6	5.4	9.6	17.4	-4.8	-5.2	.47	.85
7	12	88	22	311.	2.6	4.6	4.4	5.4	9.8	-4.9	-5.2	.37	.85
7	12	88	23	295.	2.0	4.4	4.2	10.2	18.2	-5.4	-5.6	.28	.84
7	12	88	24	318.	1.8	4.4	4.2	13.0	17.0	-5.3	-5.7	.25	.84
8	12	88	1	307.	2.3	4.0	3.8	8.8	12.9	-5.2	-5.5	.28	.84
8	12	88	2	315.	1.6	3.6	3.4	18.0	23.2	-5.5	-5.9	.28	.84
8	12	88	3	308.	2.0	3.4	3.4	8.7	15.5	-5.3	-5.5	.16	.84
8	12	88	4	315.	1.8	3.2	3.2	10.1	15.5	-4.8	-4.6	.00	.86
8	12	88	5	316.	2.4	4.2	4.0	13.0	17.8	-4.3	-4.0	-.06	.87
8	12	88	6	238.	1.8	4.2	3.6	40.3	47.3	-3.7	-3.7	1.37	.87
8	12	88	7	201.	3.0	5.6	5.2	10.7	13.6	-1.1	-2.4	2.02	.89
8	12	88	8	201.	4.4	7.8	7.6	8.9	9.1	1.9	1.3	.53	.94
8	12	88	9	193.	4.3	8.8	8.6	11.6	12.6	2.8	2.6	.06	.96
8	12	88	10	201.	4.3	8.6	7.6	10.5	13.0	3.0	2.8	.00	.96
8	12	88	11	195.	3.5	7.6	7.0	10.7	11.9	3.2	3.1	-.03	.96
8	12	88	12	222.	2.0	4.8	4.8	17.2	18.6	4.4	4.1	.16	.96
8	12	88	13	218.	3.1	10.4	9.8	25.0	26.1	5.7	5.7	-.03	.94
8	12	88	14	215.	5.1	10.6	10.0	15.7	15.9	5.9	5.9	-.09	.96
8	12	88	15	256.	2.3	9.6	8.8	55.3	57.5	5.8	5.6	.03	.97
8	12	88	16	250.	3.7	8.8	8.6	13.8	15.5	5.7	5.5	.03	.96
8	12	88	17	260.	3.5	6.8	6.6	13.8	16.4	6.2	5.9	.09	.89
8	12	88	18	299.	2.3	4.6	4.0	14.3	20.4	5.3	4.9	.03	.92
8	12	88	19	299.	2.8	9.4	8.8	16.0	24.4	3.9	3.2	.16	.93
8	12	88	20	284.	2.5	5.2	4.8	11.5	24.8	3.5	2.9	.22	.89
8	12	88	21	292.	4.2	10.0	9.4	12.9	14.1	3.6	3.4	.06	.82
8	12	88	22	304.	5.2	10.6	9.6	11.3	12.8	4.2	3.9	.06	.74
8	12	88	23	305.	5.3	11.4	10.4	12.4	12.6	4.2	4.0	.00	.70
8	12	88	24	308.	5.2	10.8	10.2	18.5	18.9	4.3	4.2	.00	.67
9	12	88	1	308.	7.1	14.2	12.8	11.3	11.6	4.4	4.2	.00	.62
9	12	88	2	312.	7.6	14.4	14.0	10.2	10.7	4.2	4.0	-.03	.56
9	12	88	3	299.	4.6	10.6	10.2	10.9	13.0	3.7	3.4	-.03	.55
9	12	88	4	294.	3.9	8.2	8.0	11.8	12.3	3.3	3.0	.00	.58
9	12	88	5	283.	3.4	6.0	5.8	10.6	12.2	3.0	2.6	.09	.58
9	12	88	6	276.	2.9	6.0	5.6	14.5	15.3	2.8	2.4	.03	.58
9	12	88	7	297.	2.7	6.2	5.8	17.3	18.5	2.6	2.1	.09	.60
9	12	88	8	271.	2.5	5.6	5.2	16.4	19.6	2.7	2.2	.12	.60
9	12	88	9	269.	3.1	5.8	5.2	9.8	10.2	2.6	2.3	.25	.60
9	12	88	10	308.	3.3	8.0	7.2	24.3	25.2	2.1	1.7	.25	.65
9	12	88	11	290.	2.8	6.6	6.2	16.2	17.5	3.0	2.9	-.40	.64
9	12	88	12	276.	4.2	8.2	7.8	11.2	12.6	3.3	3.2	-.12	.60
9	12	88	13	283.	4.9	9.4	8.2	13.8	14.1	3.4	3.3	-.06	.56
9	12	88	14	290.	4.4	8.8	8.4	17.6	18.2	3.4	3.4	-.12	.54
9	12	88	15	254.	2.5	5.4	5.0	14.9	23.2	3.2	3.0	-.16	.54
9	12	88	16	260.	3.2	6.0	5.8	12.3	15.0	2.5	2.3	.16	.52
9	12	88	17	299.	3.5	6.4	6.0	14.7	17.9	2.1	1.9	.06	.51
9	12	88	18	336.	2.8	5.0	4.8	8.3	13.9	1.4	.7	.22	.55
9	12	88	19	333.	2.2	4.4	4.2	52.8	104.0	.8	-.4	.43	.57
9	12	88	20	284.	1.3	3.8	3.6	48.4	61.1	.5	-.6	.43	.58
9	12	88	21	285.	1.6	3.2	3.0	23.0	27.3	-1.7	-2.8	1.71	.76
9	12	88	22	308.	2.0	3.6	3.4	16.2	21.9	-2.0	-3.2	.84	.74
9	12	88	23	298.	2.2	4.2	3.8	35.2	37.7	-2.6	-3.6	.59	.74
9	12	88	24	337.	1.8	4.0	3.6	12.7	21.6	-3.1	-3.9	.56	.72

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	12	88	1	326.	2.6	3.8	3.8	5.1	10.1	-3.7	-4.5	.68	.69
10	12	88	2	330.	2.3	3.6	3.2	5.6	10.6	-4.9	-5.6	.53	.76
10	12	88	3	330.	2.2	3.4	3.4	5.8	9.1	-4.7	-5.3	.68	.69
10	12	88	4	325.	1.8	3.0	3.0	10.9	16.6	-5.3	-5.4	.40	.74
10	12	88	5	297.	1.6	3.0	2.8	9.4	16.7	-4.9	-4.9	.28	.73
10	12	88	6	308.	1.6	2.8	2.6	14.7	22.4	-4.7	-4.6	.28	.79
10	12	88	7	342.	1.2	2.4	2.2	11.7	19.3	-4.6	-4.4	.00	.85
10	12	88	8	326.	1.1	2.6	2.6	13.8	21.5	-4.4	-4.2	-.09	.85
10	12	88	9	316.	1.8	4.0	3.8	9.2	13.8	-4.2	-4.1	.03	.85
10	12	88	10	347.	1.6	4.4	3.8	13.8	28.9	-4.0	-3.8	.00	.86
10	12	88	11	335.	1.6	3.2	3.0	11.8	15.8	-3.0	-2.8	.00	.87
10	12	88	12	294.	1.7	3.2	3.0	14.2	25.0	-2.6	-2.3	.03	.87
10	12	88	13	299.	2.4	4.6	4.4	7.8	11.1	-2.3	-2.1	-.12	.89
10	12	88	14	319.	2.0	4.0	3.8	12.0	14.3	-1.8	-1.5	-.22	.89
10	12	88	15	301.	2.6	4.6	4.4	10.4	15.3	-1.7	-1.6	-.12	.88
10	12	88	16	302.	2.8	4.4	4.2	6.7	7.4	-1.9	-2.0	.00	.88
10	12	88	17	305.	2.2	3.6	3.4	10.8	11.8	-2.7	-3.0	.09	.86
10	12	88	18	292.	2.0	3.6	3.4	9.0	11.5	-3.0	-3.4	.12	.84
10	12	88	19	299.	1.6	5.4	5.2	19.4	21.5	-3.7	-3.9	.43	.84
10	12	88	20	336.	1.2	3.2	3.0	27.4	40.6	-3.9	-5.0	1.21	.79
10	12	88	21	276.	1.3	5.4	5.2	23.5	34.8	-4.1	-4.9	1.24	.83
10	12	88	22	90.	2.4	6.8	6.0	48.6	86.1	-3.5	-4.7	2.48	.83
10	12	88	23	277.	1.4	2.6	2.4	20.1	62.6	-2.3	-4.1	2.48	.84
10	12	88	24	250.	1.0	2.8	2.6	61.8	126.7	-1.1	-3.1	2.05	.86
11	12	88	1	202.	1.1	2.8	2.6	50.5	71.9	-.9	-2.8	1.55	.87
11	12	88	2	18.	.6	2.2	2.0	66.8	103.2	-.7	-2.7	1.83	.87
11	12	88	3	249.	2.2	4.6	4.6	29.0	41.0	1.9	-1.2	1.71	.87
11	12	88	4	252.	1.0	3.8	3.6	73.1	113.8	.2	-2.5	2.14	.85
11	12	88	5	319.	1.2	2.8	2.6	28.6	41.3	-.5	-2.7	2.36	.85
11	12	88	6	30.	1.3	3.6	3.4	50.3	56.1	-.3	-2.0	2.52	.87
11	12	88	7	301.	1.1	3.0	2.8	28.8	39.8	-.9	-2.1	2.98	.87
11	12	88	8	344.	1.1	2.8	2.6	25.2	31.9	.4	-1.0	1.99	.88
11	12	88	9	340.	.9	3.2	3.0	28.1	30.1	.8	-.5	1.71	.87
11	12	88	10	318.	1.2	3.6	3.4	38.1	43.1	.3	-.7	1.99	.86
11	12	88	11	73.	1.1	3.4	3.2	28.2	53.7	1.4	.2	1.58	.85
11	12	88	12	110.	1.2	2.8	2.6	35.5	50.5	2.5	1.3	.43	.87
11	12	88	13	84.	1.6	3.2	3.0	15.7	21.4	3.9	4.0	-.56	.84
11	12	88	14	84.	1.2	3.0	2.8	21.4	25.8	4.3	3.3	-.75	.88
11	12	88	15	35.	.9	2.0	2.0	18.7	23.0	3.4	2.4	-.40	.90
11	12	88	16	34.	1.7	2.8	2.6	8.8	11.1	1.6	.2	.31	.93
11	12	88	17	335.	1.1	2.4	2.2	19.3	30.9	.6	-.6	.65	.92
11	12	88	18	319.	1.4	3.0	2.8	23.9	45.2	.1	-.9	.68	.92
11	12	88	19	283.	2.0	4.2	4.0	23.7	37.8	-1.0	-1.7	1.46	.91
11	12	88	20	356.	2.5	4.4	4.2	44.9	56.8	-1.2	-1.9	1.02	.91
11	12	88	21	290.	4.0	5.4	5.2	10.7	15.6	-.3	-.8	1.18	.92
11	12	88	22	344.	3.6	5.4	5.2	6.1	15.4	-.3	-1.0	1.12	.92
11	12	88	23	329.	2.7	5.0	4.8	6.4	15.9	-.7	-1.5	.68	.91
11	12	88	24	13.	2.7	5.0	4.4	8.0	14.5	1.1	-.4	.47	.91
12	12	88	1	66.	1.9	4.2	4.0	10.0	27.0	.7	-.5	.50	.92
12	12	88	2	32.	3.3	9.8	9.2	14.5	16.7	.6	.2	.09	.87
12	12	88	3	37.	6.9	15.4	14.6	15.3	15.4	.7	.6	.00	.80
12	12	88	4	34.	7.9	14.4	13.4	11.9	13.8	.9	.9	.00	.75
12	12	88	5	15.	4.5	11.0	10.6	17.8	18.8	.5	.6	-.09	.75
12	12	88	6	3.	3.6	10.2	9.0	19.8	20.5	.2	.2	-.09	.74
12	12	88	7	6.	2.3	5.6	5.0	21.6	22.5	.2	.2	-.09	.72
12	12	88	8	21.	3.4	6.2	5.4	11.1	12.2	.2	.2	-.03	.71
12	12	88	9	42.	2.7	6.4	6.0	13.8	17.0	.2	.2	-.03	.69
12	12	88	10	343.	1.0	2.8	2.6	38.7	47.1	.4	.3	-.06	.71
12	12	88	11	316.	1.5	2.8	2.6	15.7	23.7	1.4	1.7	-.22	.73
12	12	88	12	266.	.8	2.0	1.8	8.0	14.5	2.8	3.1	-.87	.68
12	12	88	13	202.	.8	1.6	1.6	19.4	42.6	2.2	2.5	-.47	.77
12	12	88	14	187.	.8	1.6	1.6	11.6	19.6	2.7	2.9	-.53	.71
12	12	88	15	145.	1.0	2.0	2.0	11.8	29.6	2.0	1.5	-.09	.72
12	12	88	16	174.	1.1	2.6	2.4	19.6	28.4	.3	-1.0	.53	.82
12	12	88	17	177.	1.4	3.2	3.0	11.8	17.8	-.1	-1.4	.53	.83
12	12	88	18	134.	.8	2.0	1.8	21.6	40.9	-.4	-1.8	.40	.83
12	12	88	19	294.	.6	2.2	2.0	38.0	80.4	-1.4	-2.1	.68	.89
12	12	88	20	307.	1.7	2.8	2.8	4.7	13.9	-2.7	-3.1	.96	.89
12	12	88	21	308.	2.4	4.0	4.0	6.4	14.3	-2.8	-3.8	.68	.86
12	12	88	22	321.	2.8	4.0	3.8	3.7	8.8	-3.6	-3.9	.22	.86
12	12	88	23	314.	2.7	4.2	4.0	5.6	8.2	-4.0	-4.4	.25	.86
12	12	88	24	281.	2.7	4.2	4.0	6.0	13.3	-4.2	-4.5	.43	.86

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	12	88	1	276.	1.5	2.8	2.8	27.1	35.8	-4.7	-5.3	.37	.85
13	12	88	2	295.	2.1	3.8	3.6	16.6	20.9	-4.9	-5.4	.62	.85
13	12	88	3	322.	2.6	4.2	3.8	7.6	13.3	-4.9	-5.2	.62	.85
13	12	88	4	281.	2.5	4.2	4.2	8.4	16.8	-3.7	-4.5	1.86	.85
13	12	88	5	250.	2.5	6.0	5.6	15.6	26.8	-2.0	-3.0	1.93	.86
13	12	88	6	193.	3.2	6.4	6.0	14.1	35.4	.4	-1.4	1.68	.87
13	12	88	7	221.	2.3	6.0	5.2	18.9	20.9	2.2	.5	.56	.88
13	12	88	8	257.	3.8	9.0	8.8	16.6	17.8	2.3	1.8	.09	.84
13	12	88	9	302.	2.3	7.6	7.0	38.5	64.5	1.6	.7	.65	.87
13	12	88	10	304.	8.0	18.6	17.6	12.3	14.0	4.5	4.1	.47	.66
13	12	88	11	290.	10.8	23.0	21.6	11.9	12.5	6.8	6.8	-.16	.56
13	12	88	12	298.	9.3	21.2	20.2	14.7	15.2	6.7	6.7	-.25	.59
13	12	88	13	295.	8.4	15.4	14.6	13.6	13.8	6.7	6.8	-.22	.59
13	12	88	14	294.	8.4	23.4	21.2	15.3	16.1	6.4	6.3	-.19	.59
13	12	88	15	299.	10.4	20.2	18.4	12.2	12.3	6.2	6.1	-.06	.57
13	12	88	16	298.	8.0	18.0	17.4	16.3	16.8	5.6	5.5	-.03	.57
13	12	88	17	305.	6.3	12.8	11.6	12.1	12.4	5.4	5.2	.00	.58
13	12	88	18	311.	8.1	15.4	14.4	12.7	12.8	5.7	5.6	.00	.57
13	12	88	19	329.	6.3	14.0	13.2	13.3	15.5	5.5	5.2	.00	.54
13	12	88	20	328.	5.5	9.8	9.2	11.4	12.2	5.2	4.7	.00	.50
13	12	88	21	316.	6.8	13.8	12.4	10.6	11.8	4.8	4.5	.03	.51
13	12	88	22	321.	7.0	16.4	16.0	12.3	12.5	4.8	4.6	.00	.51
13	12	88	23	321.	5.5	11.0	10.2	13.8	13.9	4.4	4.1	-.03	.53
13	12	88	24	328.	8.1	15.8	15.4	12.7	12.7	4.2	3.9	-.03	.53
14	12	88	1	321.	6.6	15.0	13.6	13.1	13.5	3.9	3.6	-.03	.52
14	12	88	2	323.	5.6	10.8	10.0	12.1	12.8	3.5	3.3	-.03	.52
14	12	88	3	312.	5.5	9.4	8.8	9.6	10.2	3.1	2.8	.00	.54
14	12	88	4	325.	5.9	10.8	10.0	11.0	11.4	2.6	2.3	.06	.55
14	12	88	5	342.	3.5	8.2	7.8	15.0	21.8	2.0	1.6	.00	.55
14	12	88	6	277.	2.5	5.4	5.2	18.5	28.8	1.7	1.2	.16	.55
14	12	88	7	312.	2.2	4.0	3.8	9.9	14.1	1.2	.9	.06	.61
14	12	88	8	330.	2.1	3.8	3.6	14.0	23.4	.8	.3	.19	.64
14	12	88	9	318.	2.1	3.6	3.4	7.4	14.3	.9	.3	.16	.63
14	12	88	10	314.	2.4	4.6	4.4	7.2	16.2	.6	.0	.28	.62
14	12	88	11	287.	1.4	3.4	3.2	54.1	91.3	.5	.1	-.12	.65
14	12	88	12	308.	.5	1.6	1.4	23.5	27.8	2.6	2.6	-1.15	.66
14	12	88	13	301.	1.5	2.6	2.4	5.6	17.5	1.7	1.9	-.43	.64
14	12	88	14	335.	2.1	3.2	3.0	6.4	14.1	1.1	.9	-.25	.69
14	12	88	15	335.	1.2	2.4	2.2	4.9	11.8	.6	-.1	.12	.71
14	12	88	16	344.	.8	1.6	1.4	9.6	31.2	-.3	-1.4	.31	.76
14	12	88	17	322.	1.7	3.0	3.0	5.3	16.5	-.9	-1.7	.47	.82
14	12	88	18	301.	1.2	2.4	2.2	16.7	33.7	-.9	-1.5	.16	.79
14	12	88	19	318.	1.3	2.2	2.0	5.6	8.7	-1.3	-1.6	.40	.83
14	12	88	20	141.	.2	1.2	1.2	79.9	120.7	-.7	-1.5	.40	.81
14	12	88	21	269.	.2	1.2	1.2	57.8	86.0	-1.0	-1.4	.37	.85
14	12	88	22	127.	.2	1.0	.8	26.1	130.7	-.9	-1.8	.37	.86
14	12	88	23	166.	.6	1.6	1.4	36.3	57.5	-1.3	-2.4	.37	.81
14	12	88	24	118.	.5	1.8	1.6	18.9	30.7	-1.0	-2.3	.25	.84
15	12	88	1	156.	1.1	3.0	2.8	11.4	16.1	-.8	-1.9	.53	.83
15	12	88	2	117.	.3	2.8	2.4	51.3	62.2	-.1	-1.2	.28	.83
15	12	88	3	120.	1.0	2.8	2.6	24.2	29.4	.0	-1.1	.31	.82
15	12	88	4	146.	1.1	3.0	2.8	14.0	15.6	.3	-.9	.31	.80
15	12	88	5	323.	.6	3.2	3.0	74.9	112.6	-.1	-1.4	.40	.81
15	12	88	6	326.	2.0	3.6	3.4	7.6	14.4	-1.4	-2.1	.75	.85
15	12	88	7	309.	1.6	2.2	2.0	4.2	15.1	-1.5	-2.4	.84	.90
15	12	88	8	307.	2.2	3.6	3.4	5.8	12.2	-2.1	-2.7	1.02	.90
15	12	88	9	316.	3.1	3.8	3.6	2.8	7.6	-3.0	-3.3	.84	.89
15	12	88	10	323.	2.4	3.6	3.6	5.6	8.9	-3.0	-3.3	.22	.89
15	12	88	11	312.	3.1	4.8	4.6	3.4	8.1	-2.7	-2.5	-.09	.89
15	12	88	12	326.	2.3	4.0	3.8	8.1	10.1	-1.9	-1.6	-.25	.82
15	12	88	13	301.	1.7	3.4	3.0	9.0	12.0	-1.2	-.8	-.25	.77
15	12	88	14	169.	.4	1.8	1.6	24.6	58.0	-.1	-.3	-.56	.78
15	12	88	15	60.	.2	1.2	1.2	23.5	108.1	-.4	-1.4	-.03	.80
15	12	88	16	321.	1.0	2.6	2.4	44.4	54.5	-1.6	-2.3	.16	.81
15	12	88	17	346.	2.0	3.2	3.0	5.6	12.0	-2.3	-2.7	.37	.85
15	12	88	18	330.	2.2	3.8	3.6	8.2	8.8	-2.7	-3.3	.19	.83
15	12	88	19	309.	1.8	3.6	3.4	6.3	16.0	-3.2	-3.8	.22	.86
15	12	88	20	302.	2.4	3.6	3.4	4.0	9.0	-4.1	-4.4	.31	.88
15	12	88	21	356.	1.1	2.6	2.4	5.4	22.4	-4.2	-4.7	.19	.87
15	12	88	22	311.	1.3	4.0	3.8	10.2	23.0	-4.5	-4.8	.53	.87
15	12	88	23	322.	2.7	4.2	4.0	7.8	11.7	-4.8	-4.7	.16	.87
15	12	88	24	323.	2.8	5.0	4.8	9.2	10.4	-4.7	-4.6	.09	.86

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	12	88	1	322.	3.0	6.4	6.0	11.0	12.7	-4.9	-4.7	-.03	.85
16	12	88	2	309.	2.3	4.6	4.4	11.4	19.2	-4.4	-4.2	.00	.86
16	12	88	3	308.	1.9	3.6	3.4	10.9	15.7	-4.2	-4.0	-.06	.87
16	12	88	4	309.	1.9	3.2	3.0	9.8	14.8	-3.9	-3.8	-.03	.88
16	12	88	5	305.	2.0	3.4	3.2	9.4	10.8	-3.7	-3.6	-.09	.88
16	12	88	6	308.	1.6	3.2	3.0	12.7	14.1	-3.5	-3.3	-.09	.89
16	12	88	7	309.	1.7	3.2	3.0	12.3	15.8	-3.2	-3.1	-.03	.89
16	12	88	8	294.	1.7	3.0	2.8	9.1	10.6	-3.0	-2.9	-.12	.89
16	12	88	9	295.	1.3	2.8	2.6	9.8	17.3	-2.8	-2.6	-.03	.89
16	12	88	10	316.	1.5	3.2	3.0	10.2	10.8	-2.7	-2.6	-.12	.90
16	12	88	11	297.	1.7	3.0	3.0	9.5	13.3	-2.9	-2.7	-.25	.89
16	12	88	12	307.	1.3	2.4	2.2	9.4	11.6	-3.0	-2.8	-.34	.89
16	12	88	13	332.	1.1	2.4	2.2	15.5	19.2	-2.9	-2.7	-.22	.89
16	12	88	14	357.	.4	1.4	1.2	19.2	21.8	-2.8	-2.5	-.06	.89
16	12	88	15	299.	.2	1.2	1.0	56.3	66.5	-2.4	-2.6	.22	.89
16	12	88	16	98.	.5	1.6	1.4	40.8	61.0	-2.2	-2.2	.40	.90
16	12	88	17	115.	.7	2.2	2.2	24.2	35.0	-1.1	-1.0	.28	.92
16	12	88	18	318.	1.0	3.4	3.2	59.1	120.7	-1.0	-1.0	.43	.92
16	12	88	19	314.	3.3	4.8	4.6	6.0	10.0	-1.6	-1.4	-.12	.91
16	12	88	20	307.	3.1	4.8	4.6	6.9	7.3	-1.6	-1.5	-.12	.91
16	12	88	21	311.	3.3	5.4	5.0	8.4	9.5	-2.0	-1.9	-.12	.91
16	12	88	22	290.	2.8	4.0	3.8	5.6	9.8	-2.5	-2.7	.03	.89
16	12	88	23	297.	3.1	4.4	4.4	4.7	8.4	-2.7	-2.9	.16	.88
16	12	88	24	315.	1.8	3.0	3.0	11.4	16.3	-3.2	-3.5	.06	.87
17	12	88	1	304.	99.0	99.0	99.0	18.3	19.5	-3.7	-4.1	.19	.86
17	12	88	2	315.	1.6	3.6	3.4	8.2	10.3	-4.0	-4.1	-.03	.86
17	12	88	3	312.	1.1	2.4	2.2	18.3	22.1	-4.7	-4.7	.12	.85
17	12	88	4	304.	1.7	3.2	3.0	19.8	22.5	-5.0	-5.0	.00	.84
17	12	88	5	326.	1.5	3.2	3.0	11.1	14.1	-5.3	-5.2	-.03	.83
17	12	88	6	292.	1.2	2.4	2.4	13.6	21.2	-5.5	-5.4	-.03	.83
17	12	88	7	308.	.7	2.4	2.2	13.2	20.1	-5.8	-5.8	-.06	.82
17	12	88	8	302.	1.3	3.4	3.2	8.7	10.4	-6.1	-6.1	.09	.81
17	12	88	9	344.	1.8	3.4	3.2	8.0	20.9	-5.9	-6.4	.43	.80
17	12	88	10	308.	2.9	3.8	3.6	3.1	10.5	-5.0	-5.7	1.89	.81
17	12	88	11	298.	3.4	4.6	4.4	4.9	10.3	-4.0	-4.4	1.65	.84
17	12	88	12	315.	3.8	5.6	5.4	7.0	12.0	-2.7	-2.9	2.08	.87
17	12	88	13	277.	3.5	4.6	4.4	6.3	10.7	-1.6	-1.6	2.02	.90
17	12	88	14	278.	3.8	6.2	6.0	8.1	9.1	-.9	-1.5	1.24	.89
17	12	88	15	299.	4.9	8.6	8.2	9.4	11.5	-.3	-1.0	1.15	.81
17	12	88	16	287.	2.4	6.8	6.4	14.5	22.5	-.1	-.9	.65	.75
17	12	88	17	318.	3.1	6.0	5.6	13.1	19.9	.3	-1.5	.81	.76
17	12	88	18	194.	2.0	5.0	4.8	20.6	44.0	-1.2	-2.2	.40	.83
17	12	88	19	273.	1.7	3.8	3.6	24.7	48.7	-.6	-2.2	.65	.78
17	12	88	20	305.	3.6	7.2	7.0	11.2	13.6	.6	-.1	.34	.64
17	12	88	21	294.	3.0	6.4	6.2	23.3	32.9	-.1	-.7	.31	.68
17	12	88	22	311.	3.5	6.4	6.2	12.1	14.8	-.1	-.5	.22	.66
17	12	88	23	308.	1.8	4.6	4.2	22.6	26.6	-.6	-1.0	.12	.70
17	12	88	24	319.	3.0	5.0	4.8	8.0	12.8	-.4	-.8	.19	.66
18	12	88	1	283.	1.7	4.8	4.6	28.4	40.4	-.6	-1.2	.16	.68
18	12	88	2	292.	1.5	4.4	4.2	22.5	39.7	-1.1	-1.6	.25	.75
18	12	88	3	267.	1.0	2.6	2.4	35.3	51.5	-.9	-2.0	.43	.78
18	12	88	4	285.	2.4	3.4	3.2	3.1	9.7	-1.2	-1.6	.68	.79
18	12	88	5	276.	1.9	2.6	2.6	1.4	6.7	-.5	-1.6	.62	.71
18	12	88	6	285.	2.1	3.6	3.4	2.4	6.1	-1.8	-3.0	1.24	.77
18	12	88	7	263.	2.2	3.4	3.2	4.2	8.6	-3.1	-3.9	1.83	.75
18	12	88	8	21.	1.8	3.0	3.0	14.4	37.1	-3.5	-4.2	1.06	.75
18	12	88	9	87.	1.1	2.2	2.0	30.1	54.3	-3.5	-4.0	.65	.72
18	12	88	10	172.	.5	4.0	3.6	38.0	50.9	-2.7	-3.4	.81	.75
18	12	88	11	191.	1.4	3.2	3.0	17.4	22.9	-3.0	-3.2	.16	.83
18	12	88	12	79.	.4	1.2	1.2	37.4	91.5	-2.9	-2.7	-.12	.86
18	12	88	13	86.	1.6	3.2	3.0	8.9	11.2	-2.9	-2.8	-.12	.87
18	12	88	14	96.	.7	2.6	2.4	53.6	68.9	-2.7	-2.6	-.09	.87
18	12	88	15	131.	1.6	3.8	3.6	22.2	26.4	-2.5	-2.4	.03	.87
18	12	88	16	135.	1.4	3.4	3.4	16.3	17.4	-1.6	-1.7	.34	.88
18	12	88	17	266.	1.6	5.2	5.0	43.9	85.4	-1.2	-1.5	.68	.89
18	12	88	18	311.	2.6	5.6	5.0	13.2	21.1	-1.7	-1.7	.16	.89
18	12	88	19	309.	2.5	5.0	4.8	17.5	19.5	-1.9	-1.9	-.06	.89
18	12	88	20	295.	2.4	4.8	4.4	13.6	19.3	-2.5	-2.7	.00	.87
18	12	88	21	323.	2.6	4.2	4.0	10.3	23.9	-3.1	-3.4	.09	.85
18	12	88	22	340.	2.1	4.4	4.2	20.2	24.2	-3.1	-3.9	.40	.83
18	12	88	23	269.	1.7	3.2	2.8	18.0	26.9	-2.6	-3.7	1.12	.83
18	12	88	24	66.	.9	1.8	1.8	31.6	124.5	-3.3	-4.4	.93	.83

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	12	88	1	132.	.4	1.6	1.4	58.2	78.1	-3.1	-4.1	1.27	.83
19	12	88	2	187.	1.4	2.6	2.6	16.1	22.3	-2.1	-3.2	1.15	.84
19	12	88	3	93.	1.5	3.6	3.4	26.9	34.5	-2.2	-3.2	.96	.84
19	12	88	4	60.	2.1	5.2	5.0	15.5	24.3	-3.6	-4.2	.40	.82
19	12	88	5	59.	2.3	5.6	5.0	16.0	16.3	-3.8	-4.1	.19	.80
19	12	88	6	48.	2.2	5.8	5.6	22.0	24.2	-3.6	-3.9	.06	.78
19	12	88	7	21.	3.7	8.6	8.2	19.7	22.8	-3.9	-4.0	-.03	.75
19	12	88	8	13.	3.5	8.6	8.2	15.3	16.2	-3.9	-4.0	-.09	.70
19	12	88	9	6.	3.4	7.6	7.0	16.8	17.4	-3.6	-3.7	-.09	.66
19	12	88	10	20.	4.6	10.8	10.4	18.2	18.8	-4.0	-4.1	-.16	.65
19	12	88	11	359.	5.0	10.0	9.8	12.8	16.2	-4.1	-3.8	-.25	.64
19	12	88	12	346.	3.3	9.0	8.4	13.2	16.3	-3.5	-3.3	-.19	.63
19	12	88	13	342.	3.9	8.6	8.0	13.1	15.2	-3.1	-3.0	-.12	.65
19	12	88	14	344.	3.7	7.4	6.8	11.0	11.8	-3.1	-3.0	-.12	.66
19	12	88	15	344.	3.7	6.8	6.6	10.0	11.8	-3.2	-3.2	-.09	.67
19	12	88	16	336.	3.5	7.2	6.8	11.6	14.3	-3.2	-3.3	-.09	.69
19	12	88	17	349.	3.4	7.0	6.4	11.1	12.5	-3.5	-3.6	-.09	.70
19	12	88	18	1.	3.0	6.2	6.0	10.4	11.8	-3.9	-4.3	-.03	.70
19	12	88	19	8.	3.3	6.6	6.0	11.8	12.2	-3.9	-4.3	.03	.69
19	12	88	20	337.	3.1	7.0	7.0	14.7	18.8	-3.9	-4.2	-.03	.67
19	12	88	21	6.	2.2	4.8	4.6	13.6	17.6	-4.0	-4.4	-.06	.67
19	12	88	22	321.	2.3	4.2	4.0	11.0	25.1	-4.4	-5.3	.12	.70
19	12	88	23	308.	2.0	4.0	3.6	9.9	18.6	-4.7	-5.4	.09	.76
19	12	88	24	329.	2.6	4.0	3.8	7.8	17.6	-5.8	-6.5	.22	.79
20	12	88	1	298.	2.6	4.0	3.8	9.4	21.8	-7.1	-7.7	.40	.78
20	12	88	2	299.	2.3	3.4	3.2	4.2	6.1	-7.5	-8.1	.50	.77
20	12	88	3	305.	1.7	3.4	3.4	14.5	18.3	-8.1	-8.6	.22	.77
20	12	88	4	311.	1.3	3.2	3.0	9.8	15.3	-8.5	-8.7	.03	.77
20	12	88	5	318.	2.2	3.6	3.4	6.6	11.2	-8.9	-8.9	-.03	.76
20	12	88	6	299.	1.3	2.4	2.2	8.7	19.4	-9.5	-10.0	.25	.73
20	12	88	7	322.	1.4	3.2	3.0	14.5	19.1	-9.3	-9.4	.06	.74
20	12	88	8	337.	1.6	3.0	2.8	9.7	11.3	-9.8	-9.8	-.06	.74
20	12	88	9	305.	1.3	2.4	2.0	8.9	17.0	-10.3	-10.8	.22	.71
20	12	88	10	339.	1.9	3.2	3.0	8.9	14.3	-10.2	-10.2	-.03	.72
20	12	88	11	318.	1.9	3.0	2.8	8.4	10.1	-9.1	-9.0	-.22	.73
20	12	88	12	309.	1.9	3.0	2.8	8.8	13.0	-8.8	-8.6	-.16	.74
20	12	88	13	314.	1.6	2.6	2.4	6.9	9.5	-7.9	-7.8	-.50	.76
20	12	88	14	326.	2.0	3.6	3.4	9.1	14.0	-7.9	-7.9	-.16	.76
20	12	88	15	311.	2.8	5.2	4.8	6.0	7.3	-7.9	-7.8	.00	.76
20	12	88	16	281.	1.8	3.8	3.6	8.1	23.7	-7.6	-7.7	.00	.76
20	12	88	17	312.	2.2	3.6	3.6	8.6	13.8	-7.5	-7.7	.06	.76
20	12	88	18	314.	1.1	3.8	3.4	28.2	31.1	-7.4	-7.7	.00	.76
20	12	88	19	298.	.9	2.8	2.6	39.4	46.9	-7.3	-7.4	-.03	.77
20	12	88	20	309.	1.0	2.6	2.6	34.5	36.1	-7.2	-7.6	.22	.76
20	12	88	21	139.	.6	2.2	2.2	30.7	88.5	-6.9	-7.3	.16	.77
20	12	88	22	121.	2.1	5.2	4.8	8.0	15.8	-6.5	-6.5	.25	.77
20	12	88	23	190.	4.1	8.2	7.6	12.1	27.5	-3.9	-4.2	.87	.80
20	12	88	24	198.	5.4	10.0	9.0	10.7	12.1	-.2	-.6	.22	.86
21	12	88	1	165.	3.9	8.6	8.2	14.4	17.3	.7	.3	.12	.88
21	12	88	2	229.	3.2	6.4	6.2	14.8	23.4	1.1	.6	.22	.90
21	12	88	3	263.	1.3	3.4	3.0	54.5	101.7	.5	-.9	.56	.90
21	12	88	4	294.	2.1	4.4	4.2	26.3	35.5	-2.0	-2.6	.78	.88
21	12	88	5	166.	1.4	5.4	5.2	45.9	96.1	-2.9	-3.8	.81	.85
21	12	88	6	35.	2.2	5.0	4.8	60.5	85.5	-1.8	-3.3	2.02	.85
21	12	88	7	157.	2.7	5.2	5.0	26.5	39.9	-1.8	-3.3	2.89	.84
21	12	88	8	187.	2.8	5.2	5.0	8.7	13.8	1.1	-1.5	1.93	.82
21	12	88	9	218.	3.3	6.6	6.2	12.5	16.5	.7	-1.3	1.40	.79
21	12	88	10	217.	2.5	5.2	5.0	10.9	13.8	.1	-1.4	1.06	.80
21	12	88	11	231.	3.5	6.4	6.0	11.4	12.0	2.0	.7	.65	.77
21	12	88	12	267.	3.3	8.4	8.2	14.1	18.3	4.1	3.6	.25	.66
21	12	88	13	94.	2.0	6.4	5.8	54.1	86.3	4.8	4.4	.00	.65
21	12	88	14	214.	1.3	3.4	3.2	55.3	87.8	5.4	4.3	.31	.69
21	12	88	15	224.	2.4	4.6	4.4	34.7	42.0	5.0	3.6	.81	.72
21	12	88	16	262.	2.1	5.4	5.2	21.0	25.4	4.6	3.8	.40	.69
21	12	88	17	238.	2.8	5.8	5.4	25.1	41.4	3.9	2.3	.53	.75
21	12	88	18	231.	3.0	5.2	5.0	5.4	6.6	2.5	1.7	.93	.79
21	12	88	19	229.	1.9	5.0	4.6	10.5	16.3	3.6	2.8	.31	.75
21	12	88	20	188.	1.5	5.6	5.6	27.8	34.2	3.8	3.1	.06	.77
21	12	88	21	204.	3.3	7.8	7.4	11.8	13.6	3.8	3.3	.12	.82
21	12	88	22	201.	4.6	9.4	9.2	11.8	12.3	4.1	3.9	-.03	.84
21	12	88	23	167.	4.7	8.8	8.4	11.5	15.3	4.2	4.0	-.03	.88
21	12	88	24	193.	3.2	6.0	5.8	13.0	17.2	4.4	4.2	-.03	.94

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	12	88	1	195.	3.2	6.2	5.8	12.1	12.8	4.6	4.3	-.03	.98
22	12	88	2	194.	3.2	5.6	5.6	13.2	14.5	4.9	4.5	.00	.99
22	12	88	3	201.	4.2	9.2	8.6	9.9	10.5	5.0	4.7	-.03	.99
22	12	88	4	202.	4.1	8.2	7.6	12.7	14.1	5.4	5.1	-.03	.99
22	12	88	5	205.	3.7	9.0	8.4	15.2	16.2	5.7	5.3	.06	.96
22	12	88	6	188.	7.7	14.6	13.6	11.2	12.7	6.1	5.8	.00	.93
22	12	88	7	207.	6.2	13.0	11.2	12.5	15.1	5.7	5.5	-.03	.97
22	12	88	8	240.	5.9	12.6	11.2	11.5	14.6	5.7	5.4	.06	.93
22	12	88	9	262.	7.3	19.2	18.6	16.9	20.4	6.5	6.4	.06	.71
22	12	88	10	247.	7.0	18.6	17.6	16.5	18.2	6.5	6.4	-.03	.57
22	12	88	11	257.	5.4	14.2	12.4	20.7	21.2	6.1	6.1	-.22	.61
22	12	88	12	252.	7.7	22.8	21.2	18.7	19.3	5.9	5.9	-.25	.62
22	12	88	13	267.	8.7	20.4	19.6	17.0	17.7	5.6	5.7	-.31	.66
22	12	88	14	242.	7.8	15.8	15.4	17.2	19.2	4.5	4.4	-.28	.75
22	12	88	15	238.	8.5	19.0	18.0	16.3	16.7	3.0	3.0	-.12	.85
22	12	88	16	239.	8.8	18.2	17.2	14.6	14.7	2.6	2.6	-.06	.86
22	12	88	17	243.	7.0	16.4	15.8	17.7	18.4	2.4	2.4	-.06	.87
22	12	88	18	232.	6.6	16.6	15.8	17.3	17.8	1.7	1.8	-.06	.92
22	12	88	19	236.	7.6	16.2	15.2	13.9	14.1	2.1	2.1	-.03	.86
22	12	88	20	238.	7.4	15.8	14.8	14.3	14.5	2.3	2.2	-.03	.85
22	12	88	21	233.	6.9	13.6	12.8	14.1	14.2	2.6	2.6	-.03	.81
22	12	88	22	242.	7.5	16.8	15.4	16.1	16.7	3.0	2.9	-.03	.79
22	12	88	23	242.	8.0	16.8	15.2	16.9	17.3	2.8	2.8	-.06	.81
22	12	88	24	259.	9.0	20.2	19.2	17.1	17.4	3.3	3.3	-.03	.76
23	12	88	1	262.	7.9	18.2	17.2	17.3	17.4	3.6	3.6	.00	.66
23	12	88	2	253.	8.2	15.8	15.0	16.0	16.4	4.0	4.0	-.03	.54
23	12	88	3	267.	9.0	21.0	19.6	15.7	16.5	3.5	3.5	-.03	.60
23	12	88	4	276.	9.2	18.2	16.8	14.3	15.1	4.1	4.1	-.03	.56
23	12	88	5	277.	8.3	18.0	16.8	13.8	14.0	4.5	4.4	.00	.56
23	12	88	6	281.	8.6	16.2	15.4	16.6	16.6	4.7	4.6	.00	.56
23	12	88	7	312.	5.2	14.0	13.2	19.4	23.6	4.5	4.3	.03	.55
23	12	88	8	284.	4.6	9.0	8.2	13.7	19.0	4.3	4.1	.03	.56
23	12	88	9	218.	2.2	7.8	7.4	22.2	32.0	3.8	3.6	.06	.59
23	12	88	10	195.	2.1	5.6	5.2	37.9	46.0	2.9	2.2	.28	.64
23	12	88	11	225.	3.2	7.2	7.0	13.0	18.3	2.4	2.2	.00	.65
23	12	88	12	252.	2.1	5.2	5.0	38.0	45.5	2.6	2.5	-.19	.65
23	12	88	13	328.	1.9	6.4	6.0	33.1	42.2	2.6	2.6	-.19	.68
23	12	88	14	3.	3.3	6.4	6.2	9.2	20.8	2.3	2.0	-.06	.70
23	12	88	15	328.	2.3	6.2	5.4	18.9	24.5	1.7	1.2	.00	.70
23	12	88	16	3.	1.9	3.8	3.4	10.2	15.1	1.3	-.1	.47	.74
23	12	88	17	172.	1.2	2.4	2.2	38.9	89.9	.6	-.3	.16	.81
23	12	88	18	46.	1.4	3.2	3.0	13.5	39.0	.9	-.2	.22	.80
23	12	88	19	17.	1.7	3.4	3.0	15.5	25.9	.9	.3	.16	.79
23	12	88	20	18.	1.2	4.0	3.8	26.1	27.8	1.0	.7	-.12	.78
23	12	88	21	299.	2.1	5.2	4.8	48.9	67.9	.8	.6	-.06	.80
23	12	88	22	342.	1.7	3.6	3.4	22.9	24.5	-.2	-.3	-.12	.91
23	12	88	23	356.	2.5	4.2	4.0	8.6	13.1	-.6	-.6	-.19	.93
23	12	88	24	1.	1.4	3.4	3.2	13.3	13.7	-.8	-.8	-.25	.92
24	12	88	1	323.	2.1	4.4	4.0	10.7	23.6	-.8	-.8	-.19	.92
24	12	88	2	316.	2.4	3.8	3.6	7.3	9.9	-.8	-.7	-.22	.92
24	12	88	3	347.	2.1	4.2	3.8	9.7	17.0	-.8	-.8	-.19	.92
24	12	88	4	312.	1.7	2.8	2.8	9.1	13.3	-.7	-.9	-.19	.92
24	12	88	5	7.	1.4	2.6	2.6	10.9	18.6	-.6	-.8	-.22	.92
24	12	88	6	37.	1.3	4.2	4.0	16.8	19.6	-.7	-.9	-.22	.91
24	12	88	7	30.	2.4	5.8	5.4	17.4	18.3	-1.0	-.9	-.22	.86
24	12	88	8	14.	2.0	5.6	5.2	25.3	26.5	-1.1	-1.1	-.22	.84
24	12	88	9	353.	1.8	4.6	4.4	17.5	18.9	-1.3	-1.3	-.16	.83
24	12	88	10	357.	1.7	4.6	4.6	24.4	25.6	-1.3	-1.2	-.09	.82
24	12	88	11	330.	1.3	3.8	3.6	23.8	25.7	-1.0	-.9	-.12	.81
24	12	88	12	4.	1.9	4.6	4.2	12.6	16.8	-.7	-.5	-.12	.80
24	12	88	13	8.	2.6	5.2	4.8	10.2	12.6	-.6	-.4	-.09	.80
24	12	88	14	325.	2.0	3.4	3.2	9.9	16.2	-.2	-.2	-.06	.79
24	12	88	15	325.	1.4	2.4	2.2	6.7	11.3	-.3	-.3	-.06	.84
24	12	88	16	249.	1.1	1.8	1.6	6.6	29.7	-.5	-.9	.06	.87
24	12	88	17	249.	1.1	2.4	2.2	6.9	19.1	-.6	-.8	.03	.89
24	12	88	18	194.	.8	1.8	1.6	12.4	27.6	-1.0	-.9	-.09	.90
24	12	88	19	232.	1.2	2.4	2.4	8.2	14.7	-1.4	-1.5	.03	.91
24	12	88	20	115.	1.1	2.2	2.0	18.2	39.5	-1.6	-2.1	.37	.90
24	12	88	21	298.	1.0	3.0	2.6	26.3	132.1	-1.9	-2.5	.28	.89
24	12	88	22	292.	3.1	5.0	4.8	6.6	9.2	-2.2	-2.6	.25	.89
24	12	88	23	335.	3.3	5.2	4.8	4.7	17.0	-2.3	-2.8	.87	.89
24	12	88	24	307.	3.9	8.4	7.8	12.1	14.8	-.1	-1.3	.34	.77

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	12	88	1	329.	2.6	7.6	7.0	14.5	19.3	-.4	-1.1	.28	.73
25	12	88	2	322.	2.2	4.8	4.2	10.6	16.6	-.3	-2.1	.37	.77
25	12	88	3	332.	4.1	9.6	9.0	10.6	14.8	-.3	-1.0	.34	.73
25	12	88	4	292.	3.4	10.0	9.4	15.3	18.6	.3	.0	.12	.73
25	12	88	5	288.	3.5	8.0	6.8	19.1	19.7	1.0	.8	.09	.69
25	12	88	6	197.	2.5	6.2	6.0	37.5	67.3	.9	.2	.22	.68
25	12	88	7	194.	2.3	4.6	4.2	8.6	20.8	.4	-.5	.62	.70
25	12	88	8	242.	2.8	5.4	5.2	9.1	16.5	.1	-.6	.37	.71
25	12	88	9	263.	1.7	4.0	3.4	10.8	16.5	-.2	-.5	.25	.76
25	12	88	10	202.	.6	1.6	1.4	42.4	46.4	-.3	-.9	.28	.79
25	12	88	11	330.	.3	1.8	1.6	38.4	48.5	-.3	-.8	.59	.82
25	12	88	12	243.	2.3	4.8	4.6	10.0	27.1	-.7	-.7	.37	.81
25	12	88	13	232.	1.3	3.2	3.2	13.6	17.9	-.3	-.2	-.09	.86
25	12	88	14	108.	.7	2.0	1.8	23.6	39.1	-.1	-.1	-.09	.90
25	12	88	15	127.	1.5	2.2	2.0	7.4	16.3	-.6	-.5	-.06	.90
25	12	88	16	156.	1.8	3.4	3.2	10.9	13.7	-.3	-.3	-.03	.91
25	12	88	17	170.	.6	1.8	1.8	17.4	31.9	-.1	.0	-.06	.93
25	12	88	18	77.	.8	1.8	1.6	13.0	25.5	-.1	.0	.00	.93
25	12	88	19	325.	.5	1.6	1.4	34.7	53.9	.0	.2	.00	.93
25	12	88	20	356.	1.7	3.6	3.4	6.7	23.7	-.3	-.1	-.06	.92
25	12	88	21	299.	2.1	3.8	3.6	8.9	16.8	-.6	-.5	-.06	.92
25	12	88	22	305.	1.6	3.2	3.0	12.7	15.1	-.4	-.3	-.09	.92
25	12	88	23	302.	1.6	2.8	2.6	9.9	12.9	-.5	-.4	-.09	.92
25	12	88	24	308.	2.0	3.2	3.2	9.7	12.1	-.8	-.7	-.09	.92
26	12	88	1	340.	2.3	4.2	3.8	11.2	19.2	-1.2	-1.2	-.03	.91
26	12	88	2	312.	3.0	4.8	4.6	6.9	10.1	-1.6	-1.5	.00	.90
26	12	88	3	304.	2.0	4.2	4.0	11.4	18.8	-1.7	-1.7	.03	.89
26	12	88	4	339.	1.8	4.6	4.4	12.0	15.1	-2.1	-2.3	.03	.88
26	12	88	5	339.	2.7	5.0	4.8	9.3	11.8	-2.2	-2.4	.09	.86
26	12	88	6	354.	2.2	5.4	5.0	19.1	24.6	-2.2	-2.4	.62	.86
26	12	88	7	90.	1.1	3.2	3.0	38.0	49.0	-2.3	-2.6	.56	.86
26	12	88	8	70.	.6	1.8	1.6	73.2	105.7	-2.0	-2.4	.40	.87
26	12	88	9	104.	1.0	2.0	2.0	45.3	47.5	-1.7	-2.2	.34	.88
26	12	88	10	118.	1.7	3.0	2.8	22.2	29.2	-1.5	-1.7	.53	.89
26	12	88	11	141.	2.7	5.0	4.6	7.3	11.7	-.6	-.6	.47	.91
26	12	88	12	179.	3.1	5.8	5.4	9.5	22.4	1.2	.9	.81	.93
26	12	88	13	167.	2.4	4.0	3.8	10.1	12.4	2.4	1.6	.99	.94
26	12	88	14	194.	3.5	5.8	5.6	9.0	11.0	3.5	3.1	.34	.96
26	12	88	15	195.	3.5	6.6	6.2	11.4	12.0	4.6	4.3	.16	.98
26	12	88	16	184.	3.3	6.2	5.8	11.9	13.6	5.0	4.7	.16	.98
26	12	88	17	190.	3.1	6.0	5.4	11.2	13.2	5.2	4.8	.12	.98
26	12	88	18	188.	2.2	5.0	4.6	13.9	15.3	4.9	4.4	.31	.98
26	12	88	19	183.	1.6	3.6	3.4	25.7	28.2	4.9	4.1	.31	.97
26	12	88	20	211.	1.4	3.4	3.2	17.2	21.5	4.6	3.8	.37	.97
26	12	88	21	97.	1.2	2.4	2.2	33.4	43.8	4.0	3.1	.40	.96
26	12	88	22	132.	1.0	2.4	2.4	34.5	45.6	3.3	2.0	.71	.95
26	12	88	23	319.	.3	1.6	1.4	54.9	74.6	1.9	1.2	1.18	.94
26	12	88	24	31.	.9	3.0	2.8	14.7	27.4	1.4	1.2	.68	.94
27	12	88	1	269.	.5	1.6	1.6	52.3	62.0	1.2	1.0	.87	.94
27	12	88	2	301.	.9	2.2	2.0	51.1	114.1	1.2	1.0	.47	.94
27	12	88	3	347.	1.2	2.4	2.2	8.3	16.9	1.0	1.0	.16	.93
27	12	88	4	3.	.5	2.0	1.8	44.7	55.9	1.3	1.0	.47	.93
27	12	88	5	321.	.6	2.6	2.6	39.3	41.5	1.1	1.0	.53	.93
27	12	88	6	322.	1.8	3.0	2.8	7.6	14.8	.7	.8	.00	.93
27	12	88	7	309.	2.3	4.2	3.8	8.0	11.1	.7	.7	-.03	.93
27	12	88	8	292.	2.3	4.2	4.0	9.6	15.9	.5	.6	.09	.92
27	12	88	9	312.	2.8	4.6	4.2	9.5	12.7	.3	.0	.65	.92
27	12	88	10	284.	3.0	6.0	5.6	12.0	16.6	.3	-.1	.68	.91
27	12	88	11	316.	3.3	5.2	5.0	13.4	17.9	2.1	1.4	.87	.92
27	12	88	12	41.	2.6	5.0	4.8	26.2	55.1	3.9	3.8	-.25	.90
27	12	88	13	284.	2.6	7.0	6.6	35.2	49.7	5.0	4.5	.28	.77
27	12	88	14	52.	2.1	6.4	5.8	46.0	72.2	5.9	5.2	.09	.72
27	12	88	15	278.	2.4	8.6	8.4	49.4	57.0	5.9	5.4	.03	.70
27	12	88	16	267.	5.3	11.2	9.6	21.4	23.3	5.9	5.7	.12	.73
27	12	88	17	260.	5.6	9.8	9.4	11.0	12.2	5.9	5.8	.09	.75
27	12	88	18	267.	3.8	7.2	6.8	14.3	15.5	5.0	4.8	.12	.80
27	12	88	19	240.	4.1	8.6	8.2	16.3	17.6	4.5	4.3	.12	.83
27	12	88	20	267.	1.5	5.0	4.8	34.9	38.7	4.3	3.9	.06	.85
27	12	88	21	190.	3.1	9.0	8.4	30.0	33.4	5.4	5.0	.19	.81
27	12	88	22	201.	1.6	6.6	6.4	76.4	141.2	5.0	3.9	.25	.86
27	12	88	23	225.	2.1	6.8	6.2	50.9	53.3	4.8	4.2	.22	.86
27	12	88	24	233.	3.6	9.2	7.6	22.8	23.1	5.3	5.2	.06	.76

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	12	88	1	276.	4.6	11.0	10.0	24.6	27.3	5.3	5.3	-.03	.76
28	12	88	2	281.	4.8	10.0	8.8	28.2	33.9	4.8	4.6	.09	.82
28	12	88	3	53.	3.8	9.0	8.6	32.6	58.0	5.0	4.9	.00	.82
28	12	88	4	276.	3.5	11.0	10.2	30.0	41.3	4.9	4.7	.12	.82
28	12	88	5	295.	4.6	11.6	10.6	16.8	23.1	5.7	5.6	.00	.80
28	12	88	6	283.	4.6	7.6	7.2	10.2	15.8	5.7	5.4	.09	.82
28	12	88	7	263.	3.8	9.8	9.2	13.3	22.4	5.9	5.6	.06	.82
28	12	88	8	225.	2.7	5.2	4.8	11.8	21.1	5.6	5.4	.16	.84
28	12	88	9	266.	1.4	4.0	3.8	34.6	40.9	5.3	4.8	.16	.87
28	12	88	10	214.	3.1	7.6	7.2	25.4	39.4	5.1	4.8	.16	.86
28	12	88	11	219.	4.3	9.4	8.4	12.3	15.1	5.8	5.8	-.19	.87
28	12	88	12	217.	5.2	9.6	9.0	12.0	12.2	5.4	5.4	-.16	.91
28	12	88	13	217.	5.1	10.0	9.4	11.3	11.7	5.4	5.4	-.19	.93
28	12	88	14	198.	3.0	6.0	5.4	13.2	13.8	5.8	5.8	-.28	.92
28	12	88	15	190.	3.6	7.0	7.0	10.0	11.5	5.7	5.6	-.19	.94
28	12	88	16	194.	3.4	6.4	6.0	9.3	10.8	5.2	4.7	.06	.97
28	12	88	17	195.	3.6	6.4	6.2	10.1	12.0	5.0	4.6	.06	.97
28	12	88	18	186.	3.3	6.0	5.6	10.5	11.7	5.0	4.6	.03	.97
28	12	88	19	183.	2.7	5.0	4.8	10.4	15.0	4.7	4.3	.06	.97
28	12	88	20	188.	2.0	4.2	4.0	16.2	17.2	4.5	4.2	.09	.97
28	12	88	21	194.	2.6	5.8	5.6	17.7	20.3	4.9	4.1	.37	.97
28	12	88	22	205.	5.2	9.8	8.6	11.4	11.5	6.0	5.6	.19	.98
28	12	88	23	187.	5.0	10.6	10.0	13.8	15.7	7.0	6.7	.09	.98
28	12	88	24	194.	4.2	9.4	8.6	15.7	18.8	6.9	6.4	.25	.99
29	12	88	1	183.	4.3	10.8	9.8	16.6	22.5	7.4	6.9	.16	.98
29	12	88	2	200.	6.1	10.0	9.6	10.3	10.7	7.4	6.9	.12	.98
29	12	88	3	181.	4.8	9.2	8.4	11.4	12.6	7.2	6.7	.06	.98
29	12	88	4	204.	3.4	8.0	6.6	18.5	20.4	6.9	6.5	.12	.98
29	12	88	5	163.	1.8	7.0	6.4	70.3	71.6	7.2	6.6	.19	.96
29	12	88	6	205.	2.2	5.2	4.8	23.7	52.0	7.0	6.1	.25	.97
29	12	88	7	187.	2.6	4.6	4.4	10.3	11.4	7.2	6.5	.25	.95
29	12	88	8	129.	3.0	5.6	5.4	26.4	34.2	7.1	6.3	.19	.94
29	12	88	9	186.	1.8	5.2	5.0	25.7	39.6	7.0	5.9	.40	.95
29	12	88	10	195.	1.6	4.6	4.2	29.3	35.6	7.0	6.0	.50	.95
29	12	88	11	228.	2.2	5.0	4.6	11.7	19.3	7.4	6.7	.22	.94
29	12	88	12	260.	1.8	5.0	4.8	50.3	55.2	8.4	8.1	-.06	.84
29	12	88	13	262.	1.8	3.6	3.2	21.6	27.1	9.0	8.9	-.25	.83
29	12	88	14	278.	2.4	4.4	4.2	10.6	13.0	9.2	8.8	-.12	.79
29	12	88	15	75.	1.3	3.6	3.6	54.1	114.3	7.9	6.8	.40	.85
29	12	88	16	252.	1.1	4.0	3.8	44.5	76.4	8.0	6.5	.56	.82
29	12	88	17	232.	2.2	4.0	3.8	16.6	29.1	8.7	7.8	.47	.68
29	12	88	18	249.	1.6	4.0	3.6	30.3	32.1	8.3	7.5	.19	.69
29	12	88	19	226.	2.3	4.2	4.0	13.2	17.6	7.2	6.6	.28	.74
29	12	88	20	264.	2.5	5.2	5.0	14.5	18.8	7.1	6.6	.16	.73
29	12	88	21	263.	3.5	8.6	8.2	15.9	16.3	7.0	6.7	.06	.73
29	12	88	22	315.	3.3	7.4	6.6	14.9	23.8	6.5	6.1	.06	.75
29	12	88	23	307.	3.2	5.4	5.2	8.2	11.7	5.9	5.2	.19	.77
29	12	88	24	315.	2.9	4.6	4.2	5.4	7.6	5.5	4.9	.43	.78
30	12	88	1	264.	1.0	2.2	2.0	26.6	37.5	5.2	3.9	.28	.82
30	12	88	2	247.	.9	1.8	1.6	35.6	58.9	4.2	3.0	.84	.87
30	12	88	3	186.	1.5	3.4	3.2	31.3	40.9	3.8	2.6	1.12	.89
30	12	88	4	187.	1.8	3.4	3.4	17.5	25.1	3.9	2.7	1.34	.88
30	12	88	5	187.	2.6	5.4	5.2	10.1	12.3	5.1	4.1	.37	.86
30	12	88	6	190.	3.0	6.0	5.6	15.7	16.3	5.5	4.5	.28	.91
30	12	88	7	215.	1.8	7.4	7.0	39.6	47.5	5.0	4.2	.28	.96
30	12	88	8	193.	4.1	8.4	8.2	13.1	15.3	6.3	6.0	.03	.97
30	12	88	9	194.	3.9	7.4	6.6	14.5	17.0	6.7	6.3	.06	.97
30	12	88	10	205.	4.6	11.2	10.4	14.1	14.9	6.9	6.6	.09	.95
30	12	88	11	208.	6.4	12.6	11.6	12.3	12.7	7.3	7.1	.00	.90
30	12	88	12	215.	6.5	11.6	11.0	11.2	11.5	7.8	7.6	-.09	.85
30	12	88	13	225.	6.0	10.2	9.8	11.0	11.5	8.4	8.4	-.22	.83
30	12	88	14	267.	7.9	17.2	16.0	16.8	21.1	10.7	10.4	-.03	.69
30	12	88	15	295.	8.2	17.4	16.4	15.0	18.1	11.2	10.9	.06	.61
30	12	88	16	292.	9.8	19.0	17.4	13.3	13.4	9.8	9.5	.03	.58
30	12	88	17	298.	11.3	23.0	20.2	12.8	13.3	8.8	8.6	.03	.56
30	12	88	18	309.	9.3	21.2	20.6	13.4	13.8	8.0	7.8	.03	.58
30	12	88	19	318.	7.6	17.2	14.6	13.0	13.3	8.0	7.6	.06	.55
30	12	88	20	302.	9.1	15.2	14.8	9.7	10.3	8.0	7.7	.06	.51
30	12	88	21	307.	7.5	13.2	12.6	11.6	12.2	7.5	7.3	.03	.50
30	12	88	22	270.	4.2	10.6	9.4	16.4	21.8	6.9	6.6	.03	.51
30	12	88	23	302.	4.2	9.4	8.4	18.4	22.6	6.4	6.2	.06	.49
30	12	88	24	281.	2.4	8.6	8.2	46.5	55.7	5.8	5.3	.03	.51

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
31	12	88	1	222.	.8	2.8	2.6	49.6	77.8	5.0	3.8	.19	.53
31	12	88	2	256.	2.1	4.4	4.2	15.1	29.8	5.6	4.8	.31	.46
31	12	88	3	287.	1.9	3.8	3.4	9.8	13.7	5.0	4.2	.40	.47
31	12	88	4	287.	2.8	5.6	5.4	10.7	11.5	4.6	4.1	.22	.46
31	12	88	5	326.	1.4	4.0	3.8	35.3	37.1	3.0	2.6	.03	.55
31	12	88	6	309.	2.6	6.6	6.2	22.0	29.0	3.1	2.4	.16	.54
31	12	88	7	295.	2.5	4.8	4.4	12.2	16.7	3.8	3.3	.09	.49
31	12	88	8	311.	2.6	4.6	4.4	10.1	12.9	3.6	2.9	.16	.49
31	12	88	9	329.	2.8	5.2	5.0	10.0	15.0	3.1	2.5	.31	.51
31	12	88	10	294.	2.5	7.0	6.4	13.2	18.0	3.0	2.4	.25	.52
31	12	88	11	333.	2.6	5.4	5.0	9.6	17.9	3.5	2.9	.28	.52
31	12	88	12	339.	2.9	5.0	4.8	6.7	14.1	3.6	3.3	.09	.52
31	12	88	13	332.	3.0	5.4	5.0	7.2	9.9	3.8	3.6	.00	.52
31	12	88	14	336.	1.3	3.0	2.8	16.1	22.0	3.6	3.2	.06	.54
31	12	88	15	359.	.8	2.8	2.6	30.8	48.3	3.5	2.8	.43	.54
31	12	88	16	259.	.8	3.6	3.4	49.1	84.7	4.0	3.2	.25	.51
31	12	88	17	257.	2.2	4.4	4.2	8.9	10.7	3.8	3.5	.12	.50
31	12	88	18	266.	2.7	5.8	5.6	10.5	13.6	3.3	3.1	.16	.54
31	12	88	19	304.	2.1	4.6	4.2	38.8	40.9	3.2	2.8	.22	.56
31	12	88	20	257.	.9	2.0	1.8	40.6	61.8	2.6	1.6	.34	.59
31	12	88	21	59.	1.6	2.8	2.6	19.3	64.2	1.0	.3	.87	.77
31	12	88	22	259.	1.7	3.2	3.0	29.6	54.5	.9	.2	.96	.77
31	12	88	23	262.	1.6	3.4	3.2	17.2	20.4	1.5	.6	.81	.75
31	12	88	24	239.	1.2	3.2	3.0	33.4	43.2	2.8	1.3	.90	.71
MANGLER(ANT)				1	2	2	2	1	1	1	1	1	1
MANGLER(%)				.1	.3	.3	.3	.1	.1	.1	.1	.1	.1

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
1	1	89	1	215.	1.8	3.4	3.2	27.4	45.0	3.3	1.9	.75	.70
1	1	89	2	260.	2.4	5.2	4.6	7.0	22.8	4.9	3.9	.81	.76
1	1	89	3	309.	2.5	4.6	4.4	9.1	28.0	5.2	4.2	.71	.77
1	1	89	4	318.	2.9	4.6	4.2	6.3	9.0	4.5	3.5	.50	.77
1	1	89	5	326.	2.6	4.2	4.0	5.1	5.6	4.5	3.6	.34	.75
1	1	89	6	353.	1.6	4.0	3.8	7.2	14.8	4.3	2.4	1.06	.73
1	1	89	7	340.	2.5	3.8	3.4	5.1	7.3	4.9	2.3	1.18	.79
1	1	89	8	51.	2.3	4.0	3.8	10.7	29.0	2.8	1.2	2.33	.84
1	1	89	9	75.	2.3	5.6	5.2	11.2	19.3	2.9	1.6	.68	.85
1	1	89	10	51.	3.0	6.6	6.0	12.8	16.9	3.0	2.8	-.03	.69
1	1	89	11	59.	2.3	4.6	4.4	11.7	12.9	3.2	3.4	-.50	.65
1	1	89	12	63.	2.7	5.2	4.8	15.6	16.8	3.3	3.6	-.59	.62
1	1	89	13	97.	1.2	3.4	3.2	18.9	26.9	3.7	4.0	-.62	.62
1	1	89	14	152.	.3	1.4	1.2	51.8	100.4	3.8	3.9	-.31	.64
1	1	89	15	131.	.9	1.8	1.6	8.8	13.2	3.0	3.1	-.09	.65
1	1	89	16	111.	1.4	2.0	1.8	4.2	13.4	1.8	1.4	.12	.70
1	1	89	17	149.	1.2	2.0	1.8	10.2	20.6	1.3	.3	.34	.72
1	1	89	18	149.	.2	1.2	1.0	33.4	57.9	.9	-.2	.31	.79
1	1	89	19	250.	.8	1.8	1.6	38.3	150.9	.5	-.2	.71	.81
1	1	89	20	321.	1.4	2.2	2.0	14.6	19.3	.0	-.7	1.12	.86
1	1	89	21	318.	1.4	2.8	2.4	19.9	32.9	-.1	-.9	.75	.86
1	1	89	22	195.	.9	2.4	2.2	29.6	101.2	-.5	-1.4	1.15	.86
1	1	89	23	214.	.7	1.8	1.6	19.8	35.2	-.9	-1.4	.81	.84
1	1	89	24	308.	1.1	2.8	2.8	10.3	29.5	-1.2	-1.7	.87	.85
2	1	89	1	287.	1.9	3.6	3.4	4.0	11.5	-1.6	-1.9	.40	.85
2	1	89	2	329.	2.1	3.4	3.2	7.2	10.6	-2.0	-2.2	.12	.84
2	1	89	3	311.	2.3	4.2	4.0	4.7	16.5	-2.0	-2.3	.47	.83
2	1	89	4	311.	2.8	4.0	4.0	7.6	10.7	-2.2	-2.4	.19	.83
2	1	89	5	308.	2.8	4.8	4.8	9.0	17.8	-1.8	-2.4	.62	.83
2	1	89	6	325.	2.3	5.2	4.8	12.1	15.8	-2.1	-2.2	.00	.83
2	1	89	7	297.	2.2	3.4	3.4	7.2	12.9	-2.3	-2.5	.28	.82
2	1	89	8	329.	1.6	2.6	2.4	6.9	12.7	-2.2	-2.5	.47	.82
2	1	89	9	325.	1.8	2.8	2.6	7.8	11.9	-2.0	-2.5	.34	.82
2	1	89	10	323.	2.3	3.4	3.2	6.0	10.3	-2.3	-2.3	.47	.83
2	1	89	11	311.	2.6	4.8	4.6	8.3	10.3	-2.0	-2.0	.40	.83
2	1	89	12	342.	.5	1.8	1.6	17.8	22.8	-.6	-.8	.09	.84
2	1	89	13	344.	1.1	2.2	2.0	12.5	25.4	-.1	-.6	1.46	.85
2	1	89	14	205.	.3	1.6	1.4	54.0	113.5	1.2	-.1	1.18	.85
2	1	89	15	83.	.6	1.8	1.6	43.9	79.0	1.4	.3	.68	.85
2	1	89	16	105.	1.9	4.4	4.2	16.5	23.0	2.1	.6	.87	.86
2	1	89	17	104.	2.0	4.0	3.8	44.7	69.7	2.1	.6	1.99	.87
2	1	89	18	224.	2.5	5.6	5.4	29.8	50.6	4.1	2.7	1.18	.87
2	1	89	19	212.	2.5	4.4	4.2	9.5	12.9	3.8	2.4	1.21	.87
2	1	89	20	235.	4.5	8.2	7.8	8.2	12.8	5.0	3.9	.59	.83
2	1	89	21	243.	1.1	5.2	4.8	72.3	113.7	4.5	3.4	.28	.86
2	1	89	22	256.	2.7	5.2	5.0	9.9	13.4	4.8	4.2	.28	.85
2	1	89	23	253.	3.1	6.0	5.4	14.0	14.2	4.1	3.9	.25	.83
2	1	89	24	242.	3.1	8.0	7.6	18.0	18.7	4.0	3.7	.25	.83
3	1	89	1	256.	3.3	8.4	8.0	19.3	20.0	4.4	4.3	.06	.79
3	1	89	2	256.	2.1	5.2	5.0	19.0	19.5	3.5	3.0	.22	.82
3	1	89	3	262.	1.8	4.6	4.2	20.8	21.1	3.1	2.6	.25	.81
3	1	89	4	245.	2.8	5.6	5.0	11.8	12.6	2.8	2.5	.37	.80
3	1	89	5	236.	2.2	4.2	4.0	8.3	10.3	2.7	2.3	.47	.79
3	1	89	6	246.	2.4	4.8	4.4	11.9	12.3	2.9	2.4	.31	.76
3	1	89	7	238.	2.2	4.2	4.0	12.0	12.4	2.7	2.3	.31	.75
3	1	89	8	219.	2.5	5.2	5.0	11.9	12.8	2.8	2.2	.34	.75
3	1	89	9	233.	2.9	6.2	6.0	13.6	13.9	3.2	2.7	.16	.76
3	1	89	10	233.	2.6	6.6	6.0	20.0	20.4	3.3	3.0	.06	.77
3	1	89	11	236.	2.1	4.8	4.6	17.2	17.6	3.9	3.8	-.25	.74
3	1	89	12	208.	2.7	5.2	5.0	14.3	18.5	4.0	3.9	-.12	.72
3	1	89	13	205.	4.1	7.0	6.8	10.1	11.0	4.6	4.7	-.31	.69
3	1	89	14	208.	3.8	6.4	6.0	9.6	9.8	4.3	4.2	-.25	.72
3	1	89	15	218.	4.5	7.4	7.0	8.7	9.6	4.1	3.8	.00	.71
3	1	89	16	214.	3.7	7.6	7.0	12.4	13.2	3.8	3.4	.06	.70
3	1	89	17	215.	3.3	6.0	5.8	12.3	13.0	3.2	2.6	.16	.72
3	1	89	18	215.	3.1	5.8	5.6	11.6	11.8	2.9	2.2	.22	.74
3	1	89	19	218.	3.3	6.2	5.8	10.8	11.1	2.9	2.3	.22	.73
3	1	89	20	219.	2.8	5.8	5.4	11.8	12.3	3.2	2.6	.22	.72
3	1	89	21	205.	3.5	6.2	5.8	8.6	9.4	3.6	3.1	.19	.74
3	1	89	22	208.	4.1	7.4	7.0	9.8	10.3	3.8	3.7	.03	.76
3	1	89	23	217.	4.5	8.6	8.0	9.6	10.8	3.9	3.8	-.03	.80
3	1	89	24	209.	3.9	6.8	6.4	9.0	9.9	3.8	3.7	-.03	.86

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	1	89	1	209.	3.6	5.8	5.4	8.0	8.8	3.6	3.5	-.03	.89
4	1	89	2	211.	3.5	5.8	5.2	9.2	9.5	3.5	3.5	.00	.91
4	1	89	3	215.	3.7	7.0	6.4	9.2	9.4	3.7	3.6	.00	.89
4	1	89	4	215.	3.9	7.6	6.8	9.3	9.8	4.0	3.9	.00	.87
4	1	89	5	208.	3.4	5.8	5.4	9.4	10.0	3.9	3.8	-.03	.88
4	1	89	6	209.	3.0	5.8	5.4	10.9	11.9	3.9	3.8	-.03	.89
4	1	89	7	212.	3.2	6.4	6.0	11.4	15.3	4.2	4.1	.03	.86
4	1	89	8	215.	4.1	7.4	6.6	11.2	11.6	4.1	4.0	-.03	.84
4	1	89	9	215.	4.0	7.4	7.0	11.7	12.2	4.1	4.0	-.03	.78
4	1	89	10	214.	4.2	8.2	7.8	10.8	10.9	4.0	3.9	-.03	.79
4	1	89	11	212.	4.1	7.6	7.4	11.1	12.4	3.9	3.8	-.03	.80
4	1	89	12	209.	4.3	8.2	7.2	10.2	10.6	4.0	3.9	-.09	.80
4	1	89	13	201.	3.0	6.8	6.0	12.1	12.7	4.1	4.1	-.09	.82
4	1	89	14	187.	2.6	5.0	4.6	14.7	16.0	4.2	4.1	-.09	.87
4	1	89	15	183.	3.1	5.4	5.0	12.0	13.8	4.4	4.3	-.03	.92
4	1	89	16	180.	3.2	6.4	5.6	12.1	13.2	4.8	4.6	.00	.93
4	1	89	17	193.	4.6	8.8	8.2	11.8	13.5	5.1	5.0	-.03	.96
4	1	89	18	191.	4.0	8.0	7.6	11.5	12.6	5.2	5.1	.00	.96
4	1	89	19	187.	2.9	5.2	5.0	12.4	13.1	5.3	4.9	.06	.95
4	1	89	20	174.	3.8	7.4	7.0	12.8	14.3	5.4	5.1	.03	.92
4	1	89	21	177.	3.6	7.0	6.8	12.4	13.5	5.5	5.3	.03	.92
4	1	89	22	173.	3.0	5.8	5.4	13.8	15.1	5.4	5.2	.03	.92
4	1	89	23	190.	3.1	6.2	5.8	15.2	17.4	5.5	5.3	.00	.90
4	1	89	24	200.	3.4	6.6	6.4	15.0	17.2	5.4	5.2	.03	.88
5	1	89	1	204.	3.4	6.6	6.4	13.0	15.3	5.3	5.1	.03	.88
5	1	89	2	173.	2.2	4.8	4.4	13.3	17.2	4.8	4.4	.06	.91
5	1	89	3	184.	2.8	6.6	6.4	13.3	16.2	4.5	4.0	.09	.92
5	1	89	4	190.	2.7	5.2	4.8	10.9	12.0	4.0	3.5	.12	.92
5	1	89	5	179.	2.5	5.0	4.8	13.8	14.4	3.9	3.6	.03	.92
5	1	89	6	249.	1.5	4.6	4.4	53.9	64.3	3.7	3.4	.06	.91
5	1	89	7	284.	1.4	3.2	3.0	43.0	49.1	3.4	2.9	.06	.91
5	1	89	8	301.	2.7	4.4	4.2	6.6	10.2	2.5	2.1	.25	.91
5	1	89	9	311.	3.0	4.8	4.6	5.4	9.9	1.9	1.6	.43	.91
5	1	89	10	301.	2.6	3.8	3.4	3.7	6.6	1.6	1.2	.43	.90
5	1	89	11	273.	1.2	2.8	2.6	18.7	24.4	1.8	1.3	.06	.90
5	1	89	12	291.	1.4	2.6	2.4	8.8	18.2	2.1	1.5	.28	.90
5	1	89	13	254.	.9	3.4	3.2	52.8	89.3	3.5	3.3	-.40	.84
5	1	89	14	84.	.9	2.2	2.0	41.5	63.2	3.5	3.1	-.53	.82
5	1	89	15	232.	1.5	4.0	3.6	20.5	44.8	2.5	1.7	.25	.83
5	1	89	16	228.	1.9	3.0	2.8	6.4	14.0	1.9	.7	.62	.84
5	1	89	17	218.	2.2	3.0	2.8	4.2	7.0	1.3	.5	1.02	.81
5	1	89	18	277.	2.0	3.0	2.8	9.5	17.7	1.4	.6	.78	.78
5	1	89	19	291.	.9	2.4	2.2	27.0	35.7	-.4	-2.1	.87	.85
5	1	89	20	344.	1.4	2.8	2.6	9.4	24.4	-1.6	-2.8	1.37	.84
5	1	89	21	330.	1.4	2.8	2.4	8.9	14.4	-2.4	-3.5	1.12	.83
5	1	89	22	322.	2.3	3.8	3.6	5.1	11.3	-2.9	-3.8	1.61	.83
5	1	89	23	326.	3.0	4.2	4.2	3.1	5.4	-2.9	-3.6	1.34	.82
5	1	89	24	326.	3.1	4.2	4.0	3.1	4.4	-2.8	-3.5	.78	.82
6	1	89	1	292.	2.7	4.0	3.8	4.9	14.2	-3.9	-4.2	.75	.81
6	1	89	2	304.	2.5	4.0	3.8	5.6	8.1	-4.7	-4.9	.56	.81
6	1	89	3	321.	3.2	4.2	4.0	4.2	8.9	-4.8	-5.0	.47	.80
6	1	89	4	318.	3.2	4.6	4.4	6.3	8.8	-4.8	-4.8	.03	.80
6	1	89	5	322.	2.4	3.8	3.6	6.6	9.0	-4.7	-4.8	.03	.80
6	1	89	6	319.	2.6	4.0	3.8	7.3	8.7	-4.8	-4.8	.00	.80
6	1	89	7	323.	2.3	3.4	3.2	7.2	8.4	-4.9	-4.9	.00	.79
6	1	89	8	311.	2.6	3.6	3.4	6.7	8.4	-5.1	-5.2	.43	.79
6	1	89	9	319.	2.8	4.0	3.8	4.0	7.7	-5.0	-5.0	.25	.79
6	1	89	10	323.	2.7	3.8	3.4	4.7	7.0	-4.5	-4.5	.43	.80
6	1	89	11	318.	2.9	4.2	4.0	4.2	5.8	-4.2	-4.1	.53	.81
6	1	89	12	314.	2.7	3.4	3.4	3.1	7.2	-3.8	-3.7	1.18	.81
6	1	89	13	312.	3.2	4.2	4.0	4.0	10.6	-2.8	-2.6	.93	.83
6	1	89	14	304.	3.1	4.6	4.4	7.6	11.7	-1.8	-1.7	.99	.84
6	1	89	15	284.	3.2	4.6	4.6	3.7	8.7	-1.1	-1.4	1.43	.83
6	1	89	16	277.	2.0	3.6	3.4	11.2	16.8	1.1	-.6	1.34	.80
6	1	89	17	270.	2.7	4.8	4.6	15.7	18.2	-.1	-.9	1.71	.82
6	1	89	18	232.	2.3	6.0	5.8	17.7	29.5	.8	-.3	.81	.78
6	1	89	19	318.	2.5	7.6	7.2	26.0	35.4	1.5	.8	.37	.73
6	1	89	20	319.	2.4	5.8	5.4	21.3	28.7	1.3	.4	.31	.74
6	1	89	21	319.	2.6	4.6	4.4	11.8	15.9	.7	.0	.19	.76
6	1	89	22	301.	1.6	3.2	3.0	23.1	30.6	.8	-.5	.28	.78
6	1	89	23	325.	1.1	2.6	2.4	14.9	18.2	-.3	-1.1	.62	.81
6	1	89	24	8.	1.7	4.4	3.8	21.3	26.0	-.3	-1.2	.31	.79

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	1	89	1	24.	1.7	3.6	3.6	20.9	36.4	-.9	-1.6	1.34	.81
7	1	89	2	311.	3.9	5.6	5.4	15.0	19.5	.1	-.8	1.58	.77
7	1	89	3	311.	4.4	6.6	6.2	4.4	8.7	.9	.2	1.30	.72
7	1	89	4	316.	4.3	7.6	7.6	6.6	7.3	1.2	.8	.50	.64
7	1	89	5	305.	3.4	5.6	5.4	7.2	13.8	1.3	.9	.25	.60
7	1	89	6	298.	2.5	5.2	5.0	12.3	16.0	.6	-.1	.34	.65
7	1	89	7	304.	4.0	5.6	5.4	3.7	5.4	1.0	.5	.53	.59
7	1	89	8	344.	2.3	4.6	4.4	12.1	17.8	.1	-.9	.34	.64
7	1	89	9	319.	1.5	3.8	3.4	27.8	39.9	.3	-1.1	.43	.63
7	1	89	10	267.	2.3	4.6	4.4	9.9	20.8	1.2	.2	.03	.57
7	1	89	11	322.	1.7	3.4	3.4	16.3	28.2	2.4	2.3	-.93	.51
7	1	89	12	312.	2.8	4.6	4.4	7.2	9.9	1.8	2.0	-.47	.52
7	1	89	13	287.	3.0	5.2	5.0	9.2	15.3	1.0	.9	.06	.56
7	1	89	14	287.	1.7	2.6	2.6	10.5	19.0	1.5	1.2	.22	.57
7	1	89	15	333.	1.7	2.8	2.6	7.2	26.0	1.5	1.0	.40	.57
7	1	89	16	277.	1.4	2.6	2.4	14.2	31.3	1.3	.4	.43	.61
7	1	89	17	184.	.6	1.2	1.0	9.8	34.1	1.4	.6	.62	.58
7	1	89	18	201.	1.3	2.0	1.8	6.0	18.8	1.8	1.3	.47	.56
7	1	89	19	308.	1.2	2.4	2.2	9.5	39.0	.9	.3	.93	.73
7	1	89	20	117.	.7	1.6	1.4	54.5	114.1	.8	.1	.53	.73
7	1	89	21	21.	.5	1.4	1.2	45.6	101.3	.6	.2	.34	.71
7	1	89	22	305.	2.0	3.6	3.4	8.1	17.0	-.1	-.7	.53	.75
7	1	89	23	292.	1.5	3.0	2.8	27.7	39.3	-.7	-1.4	.65	.80
7	1	89	24	318.	2.2	3.6	3.4	10.2	23.2	-1.3	-1.7	.84	.81
8	1	89	1	330.	2.8	4.0	4.0	6.3	10.4	-1.2	-1.5	.34	.77
8	1	89	2	304.	2.7	3.6	3.6	9.3	17.8	-1.2	-1.5	.19	.77
8	1	89	3	291.	1.6	3.6	3.4	37.6	48.4	-1.6	-1.6	.28	.82
8	1	89	4	322.	1.7	3.2	3.0	13.6	31.6	-.5	-1.1	.71	.78
8	1	89	5	308.	2.9	6.8	6.4	9.0	17.4	-.4	-.6	.56	.75
8	1	89	6	316.	1.7	5.2	5.0	20.7	26.8	-.7	-.7	.16	.80
8	1	89	7	239.	3.5	6.2	5.8	11.6	32.6	-.1	-.1	.16	.77
8	1	89	8	311.	1.4	3.6	3.4	30.1	57.5	.2	.0	.47	.81
8	1	89	9	319.	3.5	5.0	4.8	5.3	9.2	.2	.0	.75	.79
8	1	89	10	326.	2.5	5.0	4.8	11.2	12.7	-.3	-.4	.90	.81
8	1	89	11	290.	3.0	7.0	6.6	16.0	19.9	1.8	1.2	.87	.79
8	1	89	12	274.	2.3	4.2	3.6	14.7	18.7	3.7	2.8	.50	.82
8	1	89	13	224.	3.0	7.2	7.0	17.1	24.8	6.3	6.0	.22	.85
8	1	89	14	211.	4.5	11.6	11.2	15.8	18.5	7.6	7.5	-.12	.86
8	1	89	15	205.	4.8	9.8	9.0	10.8	11.7	8.2	8.0	-.19	.88
8	1	89	16	291.	2.9	8.4	7.8	65.7	86.0	7.6	7.1	.31	.85
8	1	89	17	267.	4.9	13.4	12.2	16.0	17.6	9.2	9.0	.22	.57
8	1	89	18	273.	8.6	18.2	16.2	15.8	16.1	9.2	9.0	.03	.54
8	1	89	19	271.	7.6	16.8	15.0	15.4	15.6	8.2	8.1	.00	.61
8	1	89	20	283.	7.8	13.8	13.4	13.4	14.1	7.6	7.5	.03	.61
8	1	89	21	264.	7.2	15.0	14.2	13.6	16.7	7.2	7.1	.06	.60
8	1	89	22	276.	7.3	15.8	14.4	15.3	16.3	7.3	7.1	.03	.58
8	1	89	23	284.	7.4	15.0	14.2	15.7	16.1	7.2	7.1	.03	.58
8	1	89	24	274.	7.7	14.6	13.2	15.3	15.5	7.3	7.2	.03	.56
9	1	89	1	253.	5.3	14.6	12.4	23.4	25.8	7.1	7.0	.03	.57
9	1	89	2	217.	2.1	11.0	10.0	41.7	50.1	6.2	5.7	.19	.60
9	1	89	3	190.	1.3	6.0	5.4	86.7	88.4	4.7	3.5	.71	.70
9	1	89	4	264.	3.6	10.4	9.2	32.4	41.4	6.0	5.4	.40	.70
9	1	89	5	194.	3.0	10.8	10.6	48.3	52.6	7.0	6.7	.19	.67
9	1	89	6	205.	2.7	8.4	7.8	24.4	28.7	5.4	4.4	.59	.75
9	1	89	7	197.	4.4	8.4	8.2	12.6	13.3	5.1	4.8	.06	.73
9	1	89	8	138.	2.0	5.8	5.4	49.0	51.4	5.1	4.8	.09	.73
9	1	89	9	219.	2.4	7.4	7.0	37.1	43.1	4.8	4.7	.00	.73
9	1	89	10	188.	2.2	8.4	7.8	45.9	52.4	4.9	4.7	.06	.74
9	1	89	11	163.	4.2	7.6	7.4	12.0	14.3	4.5	4.4	-.06	.82
9	1	89	12	174.	3.4	6.8	6.6	13.8	14.1	4.7	4.8	-.06	.92
9	1	89	13	201.	3.8	8.8	8.4	16.9	18.9	6.2	6.7	-.34	.87
9	1	89	14	205.	5.5	10.2	9.2	11.0	11.1	6.9	7.0	-.37	.88
9	1	89	15	202.	4.5	7.4	7.0	9.8	9.9	7.4	7.2	-.22	.89
9	1	89	16	198.	4.7	7.4	6.8	7.8	8.4	7.5	7.0	.12	.88
9	1	89	17	208.	4.6	7.8	7.6	10.6	11.1	7.7	7.3	.12	.86
9	1	89	18	239.	3.8	6.8	6.6	12.3	15.8	7.1	6.7	.12	.88
9	1	89	19	262.	4.4	12.2	11.2	16.4	19.9	7.2	7.0	.16	.68
9	1	89	20	242.	4.3	9.2	8.4	16.9	18.9	6.9	6.7	.03	.53
9	1	89	21	231.	3.8	7.2	6.8	15.5	16.5	5.5	5.3	.09	.55
9	1	89	22	232.	4.0	7.8	7.2	15.3	16.0	5.1	4.9	.09	.58
9	1	89	23	231.	1.8	4.6	4.4	29.3	29.8	5.0	4.5	.19	.59
9	1	89	24	233.	3.0	6.4	6.0	11.8	12.3	4.7	4.3	.28	.60

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	1	89	1	219.	3.1	6.0	5.8	10.9	12.4	4.4	3.8	.25	.64
10	1	89	2	245.	3.6	7.4	7.2	16.5	19.4	3.8	3.5	.12	.65
10	1	89	3	278.	2.2	5.8	5.2	24.8	26.7	3.2	2.7	.16	.69
10	1	89	4	269.	2.8	6.0	5.8	17.3	18.5	3.0	2.7	.19	.70
10	1	89	5	263.	3.2	6.0	5.6	13.3	16.3	2.8	2.5	.19	.70
10	1	89	6	262.	2.8	6.2	6.2	22.8	28.2	2.4	1.9	.22	.73
10	1	89	7	232.	2.4	6.0	5.6	33.4	34.5	2.0	1.7	.22	.74
10	1	89	8	181.	1.0	4.6	4.2	83.7	110.2	1.9	1.1	.09	.75
10	1	89	9	212.	1.9	5.4	5.0	55.4	79.2	1.7	1.1	.19	.75
10	1	89	10	256.	1.3	5.4	5.2	51.2	53.5	2.0	1.2	-.06	.74
10	1	89	11	280.	1.8	5.2	4.8	41.7	45.0	3.5	3.5	-.56	.68
10	1	89	12	267.	2.5	6.4	6.0	14.5	18.8	4.5	4.8	-.84	.62
10	1	89	13	236.	3.1	6.4	6.2	18.0	22.9	5.4	5.6	-.71	.55
10	1	89	14	253.	2.7	6.2	5.8	19.1	21.1	5.8	5.7	-.71	.54
10	1	89	15	240.	3.3	5.6	5.2	13.7	14.3	5.3	5.1	-.34	.55
10	1	89	16	269.	1.5	5.8	5.0	32.9	34.7	4.4	3.8	-.06	.57
10	1	89	17	242.	2.5	6.6	6.2	16.2	21.6	3.6	3.1	.25	.59
10	1	89	18	273.	2.5	5.2	4.6	17.4	20.4	2.8	2.5	.19	.63
10	1	89	19	247.	2.1	5.6	5.2	21.8	23.7	2.7	2.3	.12	.64
10	1	89	20	240.	1.5	3.6	3.2	39.6	42.0	2.3	1.3	.37	.67
10	1	89	21	187.	1.2	2.2	2.0	29.5	35.4	1.3	.3	.71	.72
10	1	89	22	187.	1.7	4.0	3.8	20.2	28.0	1.1	.3	.75	.74
10	1	89	23	280.	1.7	3.2	3.0	40.4	50.9	1.0	.4	.34	.73
10	1	89	24	301.	3.1	5.2	5.2	6.7	13.3	1.3	.4	.65	.76
11	1	89	1	307.	4.7	9.4	8.6	11.6	12.2	2.4	2.1	.22	.70
11	1	89	2	304.	3.4	7.6	6.8	13.1	13.6	2.1	1.8	.12	.70
11	1	89	3	301.	4.2	7.2	7.0	10.8	11.2	2.4	2.2	.12	.64
11	1	89	4	305.	4.0	7.4	7.0	28.5	28.9	1.5	1.3	.12	.66
11	1	89	5	301.	2.0	4.6	4.4	44.2	51.2	.9	.3	.22	.67
11	1	89	6	131.	1.2	2.4	2.2	15.3	50.7	.9	-.1	.28	.66
11	1	89	7	170.	1.6	2.6	2.4	10.8	24.0	.7	-.4	.43	.68
11	1	89	8	222.	1.4	2.8	2.6	23.1	36.7	-.3	-1.2	.50	.70
11	1	89	9	297.	.5	1.6	1.4	52.4	103.3	-.5	-1.8	.28	.71
11	1	89	10	267.	.9	2.0	1.8	9.8	15.1	.5	-.6	-.28	.71
11	1	89	11	104.	.6	2.4	2.2	34.4	108.6	1.1	.8	-.65	.66
11	1	89	12	138.	.9	2.4	2.2	32.9	37.9	.4	.4	-.12	.67
11	1	89	13	194.	1.9	4.6	4.4	20.9	26.8	.7	.5	.53	.72
11	1	89	14	194.	3.3	7.2	7.0	11.9	12.3	2.3	2.3	.00	.75
11	1	89	15	194.	4.6	9.0	8.4	11.7	12.4	3.2	3.2	-.03	.83
11	1	89	16	190.	4.6	9.0	8.2	13.2	14.1	3.9	3.8	.00	.88
11	1	89	17	195.	6.5	12.4	11.8	12.0	12.3	4.6	4.5	.00	.87
11	1	89	18	197.	6.0	11.6	11.2	12.3	12.7	4.8	4.7	-.03	.85
11	1	89	19	198.	5.9	10.2	9.8	11.0	11.2	4.9	4.8	-.03	.81
11	1	89	20	190.	6.1	11.4	10.6	11.1	11.7	4.8	4.7	-.03	.82
11	1	89	21	193.	7.0	12.0	11.4	10.5	10.5	4.6	4.5	-.06	.88
11	1	89	22	194.	6.3	11.2	10.8	11.0	11.1	4.5	4.4	-.03	.88
11	1	89	23	180.	5.4	9.4	8.4	11.0	12.0	4.8	4.6	-.03	.86
11	1	89	24	194.	4.8	10.0	9.4	11.6	12.0	5.1	4.9	.00	.84
12	1	89	1	197.	5.2	9.6	9.0	10.6	11.1	5.3	5.1	.00	.82
12	1	89	2	195.	6.0	10.6	9.8	10.7	10.9	5.6	5.4	-.03	.82
12	1	89	3	183.	4.9	8.8	8.6	11.2	11.8	5.6	5.4	-.03	.83
12	1	89	4	193.	4.5	8.4	7.8	12.3	13.4	5.7	5.5	.00	.83
12	1	89	5	184.	4.2	7.6	7.0	12.9	13.3	5.7	5.6	-.03	.82
12	1	89	6	181.	3.9	7.4	7.0	13.3	14.9	5.6	5.4	-.03	.83
12	1	89	7	190.	4.6	8.0	7.6	11.0	11.2	5.6	5.4	.00	.84
12	1	89	8	188.	4.7	8.8	8.2	11.6	12.5	5.5	5.4	-.03	.86
12	1	89	9	191.	5.3	9.8	9.2	11.3	11.9	5.6	5.4	-.03	.90
12	1	89	10	184.	5.0	8.6	8.2	11.7	11.8	5.6	5.5	-.03	.92
12	1	89	11	173.	4.4	8.8	8.4	11.7	13.8	6.0	5.8	-.03	.93
12	1	89	12	183.	4.1	7.6	7.0	12.3	12.8	6.2	6.1	-.03	.94
12	1	89	13	193.	4.4	8.0	7.4	12.1	12.6	6.5	6.4	-.06	.94
12	1	89	14	184.	4.8	8.0	7.6	10.9	11.7	6.7	6.5	-.06	.94
12	1	89	15	190.	4.3	7.4	7.2	12.4	13.4	6.5	6.4	-.06	.94
12	1	89	16	188.	4.4	8.4	8.2	11.8	12.0	6.3	6.2	-.03	.95
12	1	89	17	184.	4.1	7.6	7.4	12.6	13.4	6.2	6.1	-.03	.95
12	1	89	18	188.	4.9	10.4	9.6	12.8	13.1	6.0	5.9	-.03	.95
12	1	89	19	187.	5.3	11.0	10.0	13.4	13.6	5.8	5.7	-.03	.94
12	1	89	20	184.	5.2	10.0	9.4	13.4	13.6	5.4	5.4	-.06	.93
12	1	89	21	190.	5.9	11.6	11.0	12.9	13.0	5.4	5.4	-.06	.93
12	1	89	22	193.	6.5	12.4	11.6	13.3	13.7	5.5	5.4	-.03	.93
12	1	89	23	190.	4.9	10.6	10.2	11.1	11.3	5.5	5.4	-.03	.92
12	1	89	24	218.	2.7	5.4	5.2	11.6	14.4	5.4	5.3	-.03	.92

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	1	89	1	280.	2.7	5.4	5.2	12.5	24.5	5.0	5.0	.00	.92
13	1	89	2	283.	3.0	5.6	5.2	12.3	12.8	4.5	4.4	.03	.89
13	1	89	3	254.	3.1	6.8	6.2	14.5	18.6	4.1	4.1	.09	.86
13	1	89	4	288.	3.9	9.0	7.8	14.9	19.3	4.4	4.3	.09	.81
13	1	89	5	278.	3.7	7.6	7.2	12.8	14.0	4.0	3.8	.09	.79
13	1	89	6	269.	3.4	7.4	7.0	16.8	18.4	4.1	3.9	.12	.70
13	1	89	7	285.	2.2	5.0	4.8	25.5	30.7	3.6	3.3	.19	.68
13	1	89	8	325.	1.9	5.2	4.8	22.5	30.9	4.0	3.2	.19	.65
13	1	89	9	287.	4.4	14.4	13.0	22.3	27.8	4.6	4.1	.19	.60
13	1	89	10	298.	4.1	9.0	8.8	17.7	18.9	5.4	5.3	-.16	.56
13	1	89	11	294.	6.2	15.8	15.2	13.3	14.3	5.9	5.9	-.25	.52
13	1	89	12	298.	7.1	14.2	13.2	12.7	12.8	6.1	6.2	-.28	.49
13	1	89	13	299.	7.9	15.0	14.0	10.9	11.1	6.3	6.5	-.25	.45
13	1	89	14	309.	6.9	14.4	13.6	12.3	12.7	6.3	6.3	-.25	.47
13	1	89	15	292.	5.2	10.2	9.4	15.1	16.2	6.1	6.0	-.22	.46
13	1	89	16	290.	5.2	9.0	8.4	12.0	15.1	5.3	5.2	.00	.45
13	1	89	17	270.	4.8	9.2	8.2	13.6	14.3	4.6	4.4	.03	.44
13	1	89	18	284.	3.2	6.2	5.8	15.8	20.2	3.8	3.5	.06	.46
13	1	89	19	299.	3.6	7.2	6.6	9.5	12.0	3.3	2.9	.12	.47
13	1	89	20	307.	3.6	6.6	6.2	8.2	10.7	2.8	2.5	.09	.48
13	1	89	21	269.	2.6	5.8	5.6	16.5	22.4	2.4	2.0	.16	.50
13	1	89	22	197.	1.3	3.2	3.0	23.4	31.8	2.1	1.4	.25	.55
13	1	89	23	148.	1.3	2.8	2.6	14.5	22.9	1.8	1.4	.50	.58
13	1	89	24	177.	2.4	4.2	4.0	10.5	14.0	2.2	1.9	.31	.63
14	1	89	1	170.	3.4	7.4	7.0	13.0	16.0	2.8	2.7	.16	.77
14	1	89	2	167.	5.5	11.8	11.0	14.6	15.3	4.0	4.0	-.03	.90
14	1	89	3	177.	6.9	13.8	13.2	15.1	15.5	4.4	4.4	-.06	.93
14	1	89	4	179.	6.9	14.6	13.0	13.9	14.3	4.9	4.9	-.03	.94
14	1	89	5	183.	5.6	11.6	10.0	15.8	16.3	5.3	5.3	-.03	.94
14	1	89	6	187.	6.0	11.6	11.0	14.1	14.3	5.9	5.9	-.03	.95
14	1	89	7	194.	5.9	11.0	10.8	12.2	12.5	6.3	6.3	-.03	.95
14	1	89	8	200.	6.1	11.0	10.0	11.6	11.7	6.9	6.7	.03	.95
14	1	89	9	226.	5.9	11.0	10.4	12.3	14.6	7.2	7.1	.03	.92
14	1	89	10	238.	4.9	9.8	9.6	13.1	13.7	7.3	7.2	.03	.89
14	1	89	11	224.	5.4	11.0	10.6	14.9	15.5	6.9	6.8	.00	.81
14	1	89	12	232.	5.5	10.8	10.2	12.3	12.4	6.1	6.1	-.06	.80
14	1	89	13	229.	4.5	10.4	9.2	14.1	14.5	6.3	6.4	-.22	.73
14	1	89	14	263.	5.6	12.6	12.0	19.0	21.0	7.1	7.1	-.34	.60
14	1	89	15	250.	6.2	12.6	12.0	17.4	17.7	6.9	6.7	-.22	.59
14	1	89	16	240.	5.1	9.2	8.6	15.3	16.2	6.0	5.9	.00	.61
14	1	89	17	266.	6.0	13.4	13.0	15.8	17.2	5.4	5.3	.06	.61
14	1	89	18	267.	4.1	10.4	10.2	19.5	20.5	5.4	5.2	.00	.62
14	1	89	19	253.	5.3	14.2	12.8	18.5	19.8	5.0	4.9	.00	.66
14	1	89	20	266.	5.4	10.6	10.0	16.3	17.6	5.0	4.9	-.03	.64
14	1	89	21	225.	4.3	9.6	8.4	15.1	22.2	4.6	4.4	.00	.68
14	1	89	22	229.	4.4	10.0	9.8	15.0	16.0	4.4	4.2	.03	.69
14	1	89	23	229.	5.8	12.8	11.6	13.3	14.0	4.4	4.3	.00	.69
14	1	89	24	222.	7.5	14.4	13.4	12.1	13.0	4.5	4.4	.00	.72
15	1	89	1	183.	5.4	11.8	11.6	12.4	19.6	4.9	4.7	.03	.74
15	1	89	2	194.	5.3	9.6	8.8	12.4	13.6	5.3	5.1	.03	.74
15	1	89	3	209.	6.0	11.4	11.2	12.3	14.6	5.7	5.6	.00	.77
15	1	89	4	239.	6.2	19.4	16.2	14.5	16.8	6.6	6.5	.03	.74
15	1	89	5	224.	7.1	18.4	17.6	17.0	17.3	7.3	7.2	-.06	.74
15	1	89	6	233.	8.0	16.0	15.4	15.0	15.5	7.1	7.1	-.03	.77
15	1	89	7	235.	8.6	18.8	16.6	14.7	15.0	7.8	7.7	.00	.77
15	1	89	8	243.	9.3	21.8	21.0	17.4	17.5	8.8	8.7	.00	.77
15	1	89	9	242.	9.3	21.2	20.2	16.2	16.2	9.5	9.4	.00	.76
15	1	89	10	246.	8.5	20.6	17.6	17.5	17.7	10.1	10.0	.00	.75
15	1	89	11	262.	9.0	20.0	18.6	18.6	19.3	11.1	11.0	-.06	.72
15	1	89	12	263.	11.0	22.0	20.4	15.7	15.7	11.6	11.7	-.28	.69
15	1	89	13	260.	10.2	20.8	19.4	16.2	16.4	11.2	11.3	-.28	.69
15	1	89	14	254.	8.2	17.6	17.2	16.8	17.0	10.6	10.6	-.31	.68
15	1	89	15	260.	7.8	16.2	15.4	17.1	17.3	10.1	10.0	-.25	.69
15	1	89	16	254.	5.4	13.2	12.0	18.2	18.5	9.1	9.1	-.06	.72
15	1	89	17	259.	5.9	13.2	12.0	19.1	19.3	9.0	8.9	.00	.72
15	1	89	18	330.	3.6	10.4	9.4	19.1	31.6	8.4	8.0	.06	.76
15	1	89	19	112.	1.4	3.8	3.6	39.5	70.5	7.9	6.7	.22	.80
15	1	89	20	298.	1.7	7.2	7.0	59.3	70.9	8.5	7.2	.50	.77
15	1	89	21	281.	5.0	13.4	12.6	13.5	15.8	9.8	9.3	.16	.69
15	1	89	22	273.	8.8	16.0	15.6	11.9	12.7	10.1	10.0	.03	.67
15	1	89	23	277.	8.7	15.4	14.6	11.8	12.1	9.8	9.7	.03	.66
15	1	89	24	278.	8.9	16.8	16.4	13.3	14.3	9.2	9.1	.00	.65

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	1	89	1	285.	8.3	21.4	18.2	15.1	15.1	9.4	9.2	.03	.62
16	1	89	2	297.	5.9	14.0	12.8	17.0	17.5	8.9	8.8	.03	.63
16	1	89	3	294.	6.1	10.2	9.2	9.7	10.3	8.4	8.1	.09	.66
16	1	89	4	290.	4.8	8.6	8.4	13.3	14.5	8.6	8.3	.12	.65
16	1	89	5	290.	4.4	9.2	8.6	14.8	15.3	8.8	8.6	.09	.63
16	1	89	6	239.	1.8	6.2	5.8	25.0	40.6	8.4	7.6	.22	.66
16	1	89	7	179.	1.6	4.2	3.8	34.6	42.2	7.6	6.7	.37	.70
16	1	89	8	188.	2.4	5.4	4.8	11.8	12.0	6.9	5.8	.56	.75
16	1	89	9	202.	2.8	6.0	5.6	10.1	12.6	7.2	6.1	.56	.79
16	1	89	10	174.	2.7	5.0	4.6	10.6	13.9	8.4	7.7	-.09	.79
16	1	89	11	194.	2.3	6.4	6.2	20.8	23.4	8.5	8.2	.12	.80
16	1	89	12	197.	4.5	10.4	10.0	12.8	13.3	9.4	9.3	-.09	.80
16	1	89	13	202.	7.0	11.0	10.4	9.0	9.2	9.4	9.3	-.12	.84
16	1	89	14	200.	6.9	11.0	10.2	9.2	9.4	9.3	9.3	-.09	.85
16	1	89	15	181.	5.7	10.2	9.6	9.9	13.4	9.1	9.0	-.06	.86
16	1	89	16	159.	4.2	7.0	6.6	9.9	13.5	8.5	8.1	.09	.88
16	1	89	17	136.	3.5	6.8	6.2	13.1	22.5	7.5	7.1	.19	.90
16	1	89	18	202.	4.0	7.6	7.4	16.1	27.6	7.9	7.7	.09	.87
16	1	89	19	207.	3.5	7.4	7.2	13.0	13.8	7.9	7.5	.06	.84
16	1	89	20	236.	5.4	11.0	10.6	13.7	16.3	8.0	7.7	.09	.79
16	1	89	21	225.	5.7	10.6	10.2	10.9	11.2	8.5	8.3	.03	.74
16	1	89	22	214.	5.4	10.2	9.4	11.5	12.5	8.0	7.7	.00	.77
16	1	89	23	224.	5.9	11.4	10.6	13.7	14.5	8.1	7.9	.00	.78
16	1	89	24	240.	6.5	11.8	11.2	12.2	13.3	8.2	8.0	.03	.78
17	1	89	1	263.	8.0	17.8	17.4	17.5	19.0	9.0	8.9	.00	.68
17	1	89	2	256.	8.2	17.6	16.6	16.8	17.0	8.0	8.0	-.03	.56
17	1	89	3	270.	5.1	12.0	11.4	17.1	17.8	7.1	7.0	.00	.53
17	1	89	4	263.	5.9	13.6	12.6	15.3	15.7	6.3	6.2	.00	.55
17	1	89	5	269.	9.4	16.4	15.0	14.0	14.5	6.1	6.1	-.03	.53
17	1	89	6	256.	8.7	16.4	15.0	15.1	15.7	5.9	5.8	-.03	.52
17	1	89	7	260.	6.3	17.4	16.6	19.4	20.1	5.5	5.4	-.03	.54
17	1	89	8	274.	7.7	16.0	15.6	15.2	15.5	5.4	5.3	-.03	.55
17	1	89	9	240.	4.9	11.8	11.0	16.4	19.0	5.0	4.9	-.06	.53
17	1	89	10	233.	2.4	6.4	5.8	20.4	20.8	4.8	4.4	-.37	.54
17	1	89	11	252.	4.1	10.4	8.6	20.7	22.2	5.2	5.3	-.47	.55
17	1	89	12	243.	4.9	10.8	10.4	18.4	19.3	5.8	6.0	-.56	.54
17	1	89	13	257.	5.7	12.8	11.8	19.0	19.4	6.1	6.3	-.47	.54
17	1	89	14	284.	6.1	14.0	11.6	15.0	16.3	6.3	6.4	-.40	.53
17	1	89	15	267.	5.1	10.6	9.6	15.8	17.9	6.1	6.1	-.34	.50
17	1	89	16	269.	4.4	10.6	9.0	15.1	15.8	5.3	5.2	-.16	.51
17	1	89	17	209.	2.3	5.2	4.8	18.1	23.0	4.2	3.8	.09	.54
17	1	89	18	208.	2.5	4.8	4.6	11.6	12.5	3.2	2.4	.31	.59
17	1	89	19	221.	1.6	5.8	5.4	78.1	107.4	2.8	2.1	.19	.64
17	1	89	20	238.	2.6	6.4	6.0	30.4	35.4	3.2	2.8	.12	.67
17	1	89	21	152.	2.2	4.6	4.6	20.9	34.8	2.7	2.1	.12	.70
17	1	89	22	252.	2.2	4.4	4.0	20.2	42.8	2.3	1.5	.40	.74
17	1	89	23	250.	2.3	4.6	4.4	13.8	14.7	2.5	2.2	.22	.71
17	1	89	24	295.	2.6	5.8	5.2	18.9	25.0	2.4	2.0	.43	.70
18	1	89	1	287.	3.3	8.0	7.0	11.8	14.8	3.1	2.6	.34	.65
18	1	89	2	302.	3.7	9.4	8.4	17.0	17.8	3.6	3.3	.22	.62
18	1	89	3	205.	2.5	7.2	6.8	33.9	56.8	3.2	2.7	.19	.61
18	1	89	4	215.	1.4	3.0	2.8	51.2	60.4	2.6	1.4	.53	.62
18	1	89	5	231.	2.2	3.6	3.4	9.7	14.6	2.8	1.9	.56	.58
18	1	89	6	239.	1.6	3.2	3.0	10.6	12.7	2.9	2.3	.43	.55
18	1	89	7	118.	1.7	3.6	3.4	18.9	66.0	2.2	1.0	.43	.59
18	1	89	8	112.	2.7	4.0	3.8	5.1	8.0	1.3	.9	.71	.66
18	1	89	9	134.	1.5	2.8	2.6	8.1	12.6	1.1	.7	.53	.70
18	1	89	10	162.	.8	2.2	2.2	18.7	23.1	1.4	.7	.50	.74
18	1	89	11	332.	.4	1.8	1.6	48.1	67.2	1.4	.8	.43	.76
18	1	89	12	65.	.5	1.8	1.6	26.1	32.4	2.3	1.8	-.03	.76
18	1	89	13	321.	.4	1.4	1.4	43.2	55.9	3.1	2.7	-.06	.78
18	1	89	14	323.	1.0	3.0	2.6	31.0	37.3	3.0	2.2	.47	.79
18	1	89	15	307.	2.5	5.6	5.2	12.7	16.0	2.3	1.6	.81	.77
18	1	89	16	285.	3.1	6.4	6.2	13.0	20.2	3.2	2.6	.71	.77
18	1	89	17	274.	3.4	5.6	5.4	9.6	11.8	4.6	4.1	.43	.79
18	1	89	18	290.	3.0	7.0	6.6	17.0	20.9	5.5	4.8	.19	.77
18	1	89	19	271.	3.4	10.0	8.8	20.9	21.9	6.4	6.2	.06	.77
18	1	89	20	273.	4.4	9.6	8.6	17.7	18.1	7.2	7.1	-.06	.75
18	1	89	21	299.	4.5	8.8	8.0	11.0	13.1	7.1	6.9	.00	.75
18	1	89	22	266.	4.5	8.8	8.4	12.8	17.6	7.0	6.9	-.03	.75
18	1	89	23	263.	5.1	10.6	9.6	16.2	16.5	7.0	6.9	-.06	.75
18	1	89	24	252.	3.9	9.2	8.6	22.5	23.3	6.9	6.9	-.09	.78

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	1	89	1	226.	4.3	10.0	9.2	21.0	23.8	7.0	6.9	-.06	.81
19	1	89	2	224.	4.6	12.2	10.8	23.0	23.4	6.9	6.8	-.09	.84
19	1	89	3	217.	4.2	10.8	10.4	20.4	20.7	7.0	6.9	-.09	.81
19	1	89	4	211.	4.4	9.8	9.6	16.4	16.6	7.5	7.4	-.06	.86
19	1	89	5	208.	5.0	10.4	10.0	14.4	15.2	7.6	7.5	-.06	.91
19	1	89	6	205.	3.1	10.0	9.8	29.4	30.4	7.1	6.8	-.03	.93
19	1	89	7	209.	6.1	13.4	12.4	13.7	13.8	7.4	7.2	-.03	.92
19	1	89	8	221.	5.0	11.4	10.6	16.2	16.4	7.6	7.4	-.03	.92
19	1	89	9	215.	4.9	9.8	9.4	13.5	13.8	8.3	8.1	-.03	.87
19	1	89	10	225.	5.3	11.0	10.2	13.6	14.1	8.7	8.5	.00	.87
19	1	89	11	194.	2.9	8.0	7.2	33.2	34.0	8.9	8.8	.00	.87
19	1	89	12	232.	2.1	9.4	8.6	57.3	61.8	9.4	9.2	.03	.85
19	1	89	13	238.	3.6	9.0	8.2	25.0	26.7	10.1	10.1	-.12	.79
19	1	89	14	245.	2.8	8.0	7.8	40.7	41.3	10.4	10.4	-.09	.77
19	1	89	15	232.	2.9	6.8	6.6	26.6	27.2	10.2	10.2	-.06	.76
19	1	89	16	239.	3.1	7.6	6.8	27.6	28.6	9.8	9.6	-.03	.78
19	1	89	17	229.	2.9	6.4	5.8	15.7	17.5	9.3	9.0	.03	.81
19	1	89	18	229.	3.4	8.2	7.8	24.1	24.3	9.2	8.9	.00	.80
19	1	89	19	212.	4.2	8.2	7.6	10.7	12.7	8.9	8.4	.03	.80
19	1	89	20	202.	4.4	7.2	7.0	8.6	8.9	7.8	7.3	-.03	.85
19	1	89	21	219.	4.6	8.2	7.6	10.4	11.5	7.4	7.0	.06	.84
19	1	89	22	205.	4.0	8.2	7.8	10.8	11.2	7.0	6.4	.00	.85
19	1	89	23	218.	4.6	8.6	7.8	7.7	9.6	6.3	5.7	.16	.90
19	1	89	24	219.	4.7	9.0	8.6	8.9	9.2	6.5	5.9	.16	.84
20	1	89	1	202.	4.3	7.4	6.6	8.7	9.5	5.8	5.2	.06	.84
20	1	89	2	200.	4.5	6.8	6.4	7.2	7.3	5.4	4.7	.16	.85
20	1	89	3	181.	4.4	7.2	6.8	11.0	12.3	5.3	4.6	.09	.87
20	1	89	4	194.	4.5	8.4	8.2	10.2	10.8	5.2	4.7	.03	.87
20	1	89	5	195.	4.8	9.4	8.6	13.4	13.5	5.3	4.9	.00	.85
20	1	89	6	197.	4.5	10.2	9.0	14.3	14.9	5.0	4.6	.00	.87
20	1	89	7	197.	5.0	9.0	8.4	10.9	11.3	4.8	4.4	.00	.88
20	1	89	8	198.	5.2	8.8	8.4	9.9	10.5	4.7	4.4	-.03	.90
20	1	89	9	188.	5.4	9.4	9.0	9.7	11.8	4.5	4.3	-.03	.91
20	1	89	10	194.	6.1	10.6	10.0	11.2	12.1	5.2	5.2	-.12	.87
20	1	89	11	191.	5.7	10.2	9.4	12.3	12.8	5.9	6.1	-.25	.85
20	1	89	12	202.	5.7	12.6	12.4	13.7	14.1	6.4	6.7	-.28	.85
20	1	89	13	194.	4.8	8.8	8.6	11.0	11.6	6.6	6.9	-.22	.86
20	1	89	14	195.	4.2	7.2	7.0	11.2	12.6	7.1	7.2	-.16	.86
20	1	89	15	176.	3.8	7.2	6.6	11.4	14.7	7.7	7.7	-.16	.85
20	1	89	16	202.	4.3	8.4	8.0	11.5	14.3	7.4	7.2	-.09	.85
20	1	89	17	201.	5.6	9.8	9.0	9.1	9.3	6.3	6.0	-.03	.89
20	1	89	18	197.	6.6	10.4	9.8	8.1	8.6	5.9	5.8	-.03	.92
20	1	89	19	187.	5.7	9.8	9.4	10.1	10.5	5.9	5.7	-.03	.90
20	1	89	20	200.	5.3	9.6	9.4	12.3	12.5	6.0	5.8	-.03	.92
20	1	89	21	193.	4.8	8.8	8.2	9.4	9.6	6.4	6.3	-.06	.91
20	1	89	22	186.	4.6	9.6	8.6	10.8	11.6	6.3	6.3	-.06	.90
20	1	89	23	211.	5.1	10.6	9.8	10.6	13.2	6.0	5.9	-.09	.91
20	1	89	24	205.	4.9	9.0	8.6	9.7	11.8	5.6	5.4	-.03	.91
21	1	89	1	194.	3.8	7.6	7.2	12.8	13.8	5.5	5.5	-.09	.90
21	1	89	2	200.	3.8	8.0	7.4	16.7	16.9	5.5	5.6	-.09	.92
21	1	89	3	184.	3.1	7.8	7.4	25.0	25.7	5.3	5.4	-.12	.94
21	1	89	4	176.	2.2	6.6	6.2	24.4	25.8	5.1	5.1	-.09	.93
21	1	89	5	194.	3.0	7.2	6.4	17.8	19.3	4.8	4.9	-.12	.92
21	1	89	6	207.	3.9	8.4	7.6	16.5	16.9	4.7	4.8	-.12	.90
21	1	89	7	172.	3.4	7.0	6.4	11.8	14.9	4.7	4.7	-.12	.90
21	1	89	8	190.	4.4	9.6	9.2	13.3	14.0	4.1	4.2	-.12	.95
21	1	89	9	190.	5.1	9.8	9.4	12.3	12.7	3.8	3.9	-.09	.94
21	1	89	10	188.	5.5	11.6	11.0	11.9	12.2	3.2	3.4	-.12	.93
21	1	89	11	190.	5.2	10.8	10.4	12.6	12.9	2.7	2.8	-.12	.92
21	1	89	12	183.	4.0	8.2	8.2	12.7	13.3	2.5	2.6	-.09	.92
21	1	89	13	180.	4.3	7.8	7.4	12.4	12.9	2.7	2.8	-.09	.92
21	1	89	14	188.	4.5	8.4	8.0	12.7	13.0	3.0	3.1	-.09	.92
21	1	89	15	172.	3.7	6.6	6.2	12.5	14.3	3.4	3.5	-.09	.92
21	1	89	16	174.	3.5	6.4	6.2	12.8	13.2	3.8	3.8	-.06	.93
21	1	89	17	152.	3.2	6.2	5.6	11.4	14.2	3.9	4.0	-.06	.93
21	1	89	18	208.	3.5	7.0	6.6	12.7	22.8	4.1	4.1	-.03	.93
21	1	89	19	215.	4.7	9.2	8.8	13.6	15.4	4.6	4.6	-.03	.90
21	1	89	20	205.	4.5	8.6	8.2	11.2	11.7	4.6	4.5	-.03	.90
21	1	89	21	146.	3.5	8.8	8.2	17.7	26.6	4.4	4.2	.00	.91
21	1	89	22	204.	1.7	4.6	4.4	34.8	43.0	3.9	3.5	.03	.92
21	1	89	23	231.	2.5	6.0	5.4	62.0	62.6	3.5	3.0	.12	.90
21	1	89	24	236.	1.5	5.4	4.8	54.0	56.4	3.1	2.5	.09	.87

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	1	89	1	238.	2.4	7.0	6.4	26.2	26.6	3.1	2.8	.09	.81
22	1	89	2	263.	3.1	6.2	5.6	11.5	15.1	2.6	2.3	.28	.80
22	1	89	3	270.	2.7	5.8	5.2	12.8	19.8	3.1	2.8	.31	.71
22	1	89	4	225.	2.1	4.6	4.2	15.4	18.4	3.2	2.8	.28	.67
22	1	89	5	204.	2.2	5.2	4.6	26.9	29.0	2.6	2.2	.19	.70
22	1	89	6	218.	1.9	4.2	4.0	27.7	29.8	2.9	2.5	.28	.66
22	1	89	7	253.	2.4	5.2	5.0	23.4	29.6	2.4	2.0	.06	.67
22	1	89	8	285.	3.0	6.2	5.6	20.9	28.9	1.9	1.7	.09	.69
22	1	89	9	290.	5.2	9.4	9.0	13.6	14.5	3.0	2.7	.19	.65
22	1	89	10	285.	7.6	15.8	15.0	15.5	16.2	3.8	3.7	-.19	.57
22	1	89	11	281.	8.4	17.2	15.8	17.0	17.5	3.8	3.9	-.31	.47
22	1	89	12	288.	7.6	16.4	15.2	16.9	17.0	4.1	4.3	-.37	.43
22	1	89	13	287.	6.3	15.6	14.6	19.5	19.8	4.4	4.8	-.40	.43
22	1	89	14	301.	6.1	13.2	12.8	15.6	17.3	4.7	4.9	-.43	.40
22	1	89	15	309.	7.2	15.2	14.0	14.0	14.4	4.1	4.1	-.22	.39
22	1	89	16	318.	6.0	13.8	13.4	12.7	14.7	3.0	2.9	-.09	.40
22	1	89	17	305.	5.0	10.4	10.2	11.0	12.7	2.2	2.0	-.03	.40
22	1	89	18	316.	5.8	11.4	10.8	10.5	12.5	1.8	1.7	-.03	.39
22	1	89	19	262.	4.1	12.2	11.0	17.9	23.9	1.4	1.3	-.03	.40
22	1	89	20	295.	3.7	6.6	6.2	14.5	18.4	.9	.9	-.03	.40
22	1	89	21	297.	3.3	6.2	6.0	12.7	14.1	.1	.0	-.03	.45
22	1	89	22	294.	2.8	6.4	6.0	15.9	16.5	-.2	-.3	.03	.52
22	1	89	23	163.	1.2	3.0	2.8	47.3	114.7	-.3	-.9	.19	.54
22	1	89	24	205.	1.7	4.0	3.6	21.4	31.3	-.3	-.6	.09	.53
23	1	89	1	250.	1.2	3.6	3.2	33.4	37.5	-.2	-.5	.03	.53
23	1	89	2	191.	.5	2.2	2.0	78.1	130.5	-.3	-1.2	.03	.58
23	1	89	3	212.	1.8	4.6	4.4	28.6	32.4	-.1	-.5	.09	.61
23	1	89	4	212.	3.0	5.8	5.4	12.2	14.9	.5	.2	.06	.64
23	1	89	5	205.	3.0	5.0	4.8	9.8	10.5	.8	.7	.00	.66
23	1	89	6	194.	2.8	5.2	4.6	10.0	11.0	1.2	1.1	-.03	.71
23	1	89	7	173.	2.6	4.6	4.4	12.0	15.9	1.6	1.6	-.03	.75
23	1	89	8	179.	3.0	5.8	5.6	13.0	13.7	2.1	2.1	.00	.81
23	1	89	9	193.	2.6	4.8	4.6	14.3	18.4	2.5	2.2	.00	.87
23	1	89	10	194.	2.5	6.0	5.6	16.6	19.0	2.6	2.4	.06	.88
23	1	89	11	194.	3.5	6.8	6.4	11.2	12.5	3.3	3.3	-.06	.88
23	1	89	12	198.	3.0	5.6	5.4	9.9	10.1	3.9	3.9	-.12	.87
23	1	89	13	226.	2.8	4.8	4.6	9.8	14.3	4.4	4.4	-.09	.86
23	1	89	14	219.	1.8	3.8	3.6	11.8	15.2	4.7	4.8	-.09	.85
23	1	89	15	285.	1.3	3.2	3.0	14.2	30.8	4.4	4.2	.25	.86
23	1	89	16	228.	1.0	3.2	3.0	14.9	23.4	3.9	3.1	.84	.88
23	1	89	17	103.	.5	2.0	1.8	34.9	59.7	3.9	2.6	.96	.90
23	1	89	18	142.	1.5	2.8	2.6	8.1	14.6	3.6	2.7	.71	.90
23	1	89	19	83.	1.0	2.0	1.8	23.4	29.6	3.0	2.3	.53	.92
23	1	89	20	353.	.5	2.2	2.0	56.7	65.2	2.1	1.4	1.02	.90
23	1	89	21	323.	1.5	3.2	3.0	44.0	95.0	1.5	1.1	.96	.90
23	1	89	22	332.	1.9	3.0	3.0	5.3	12.7	1.5	1.2	1.24	.88
23	1	89	23	0.	1.7	3.2	3.2	10.8	19.5	1.3	1.1	.87	.87
23	1	89	24	359.	.8	2.2	2.0	16.9	27.3	2.8	1.8	1.02	.88
24	1	89	1	302.	2.2	3.4	3.2	9.2	14.1	1.3	1.1	2.14	.89
24	1	89	2	336.	2.3	3.4	3.2	26.6	30.0	2.0	1.7	.62	.88
24	1	89	3	31.	.5	1.8	1.6	44.4	52.9	2.6	2.0	.68	.89
24	1	89	4	256.	1.9	5.2	4.6	30.0	51.8	4.1	2.9	1.02	.90
24	1	89	5	290.	2.0	5.4	5.2	12.4	22.0	5.4	4.4	.59	.85
24	1	89	6	316.	2.7	5.6	5.2	11.5	22.8	5.2	3.6	.81	.87
24	1	89	7	333.	2.1	4.4	4.0	18.4	27.8	3.9	2.2	.65	.90
24	1	89	8	142.	1.8	3.4	3.0	21.5	74.8	3.0	1.8	.93	.91
24	1	89	9	177.	1.9	4.0	3.6	51.3	66.4	2.8	1.8	.93	.91
24	1	89	10	184.	1.5	3.4	3.2	32.2	40.7	3.6	2.8	.03	.89
24	1	89	11	152.	1.0	3.0	2.8	67.2	81.2	5.1	5.2	-.56	.85
24	1	89	12	157.	.2	1.8	1.6	93.1	123.9	7.8	8.5	-.90	.77
24	1	89	13	238.	.9	3.6	3.4	36.0	40.4	9.2	9.8	-1.30	.73
24	1	89	14	266.	1.9	4.4	4.0	15.7	18.5	9.0	9.2	-.93	.73
24	1	89	15	208.	1.1	4.0	3.6	21.0	29.3	9.9	9.7	-.78	.72
24	1	89	16	212.	1.6	3.2	3.0	9.8	10.3	8.7	7.3	-.16	.82
24	1	89	17	221.	3.3	7.0	6.6	9.4	10.2	7.6	6.6	.34	.86
24	1	89	18	208.	3.1	7.6	7.0	15.1	16.5	7.7	7.2	.00	.88
24	1	89	19	221.	4.5	8.8	8.0	13.7	14.4	7.1	6.7	.03	.92
24	1	89	20	207.	3.9	9.0	8.6	11.7	13.3	7.1	6.6	.09	.94
24	1	89	21	179.	2.2	5.0	4.8	26.7	29.0	6.4	5.5	.22	.96
24	1	89	22	53.	1.1	3.2	3.0	53.5	75.4	5.7	4.4	.31	.96
24	1	89	23	132.	1.6	3.4	3.0	40.1	44.1	5.3	4.1	.62	.95
24	1	89	24	148.	1.2	2.8	2.6	30.7	33.6	4.5	3.3	.78	.95

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	1	89	1	217.	2.5	7.0	6.6	20.9	39.3	4.6	3.3	.84	.94
25	1	89	2	202.	3.3	7.0	6.4	10.4	12.2	6.1	5.1	.12	.93
25	1	89	3	209.	4.0	7.6	6.8	11.6	12.0	6.1	5.4	.09	.90
25	1	89	4	212.	4.5	8.8	8.0	9.9	10.2	5.5	5.0	.06	.90
25	1	89	5	212.	4.7	8.4	8.0	11.2	11.3	5.4	5.1	.00	.88
25	1	89	6	211.	4.7	8.2	7.6	11.8	11.9	4.9	4.7	.00	.89
25	1	89	7	211.	4.3	7.6	7.0	10.6	11.0	4.9	4.7	-.03	.86
25	1	89	8	198.	4.3	7.6	7.0	10.7	11.1	4.6	4.2	-.03	.88
25	1	89	9	193.	4.0	6.8	6.6	10.7	11.2	4.4	4.0	.03	.89
25	1	89	10	208.	4.0	7.4	6.8	10.4	11.9	4.7	4.6	-.25	.86
25	1	89	11	201.	3.1	6.6	6.2	13.6	13.8	5.7	6.1	-.59	.81
25	1	89	12	211.	2.9	7.0	6.8	17.8	18.1	6.5	7.1	-.71	.74
25	1	89	13	218.	3.2	7.6	7.0	17.9	18.4	6.8	7.3	-.68	.71
25	1	89	14	214.	3.0	7.2	6.8	18.0	18.3	6.8	7.1	-.62	.72
25	1	89	15	201.	3.5	7.0	6.2	13.2	13.8	6.2	6.2	-.50	.75
25	1	89	16	207.	3.3	7.4	7.2	11.5	12.0	4.8	4.6	-.16	.79
25	1	89	17	202.	3.1	6.8	6.2	11.5	12.0	4.1	3.7	.00	.82
25	1	89	18	191.	3.3	6.2	5.8	10.3	11.7	3.6	3.1	.06	.84
25	1	89	19	194.	3.0	5.6	5.2	9.9	11.1	3.0	2.2	.16	.86
25	1	89	20	195.	2.9	5.8	5.6	11.5	12.3	2.6	1.9	.16	.84
25	1	89	21	202.	3.7	7.0	6.4	11.6	12.0	2.3	1.8	.03	.83
25	1	89	22	188.	3.0	6.0	5.8	18.1	18.8	2.0	1.8	-.03	.81
25	1	89	23	208.	2.9	7.0	6.8	13.3	14.3	1.6	1.2	.09	.83
25	1	89	24	212.	2.9	6.8	6.6	11.8	13.2	2.3	2.1	.06	.78
26	1	89	1	225.	3.0	7.6	7.2	12.7	14.9	2.7	2.6	-.06	.77
26	1	89	2	167.	1.5	4.2	3.8	14.0	24.4	2.6	2.5	-.03	.78
26	1	89	3	186.	1.8	4.6	4.2	13.2	14.3	2.5	2.4	-.03	.80
26	1	89	4	187.	3.5	8.0	7.4	12.2	14.1	2.4	2.3	-.09	.78
26	1	89	5	193.	2.6	5.2	5.0	11.5	13.6	2.1	2.1	-.09	.79
26	1	89	6	184.	3.0	6.2	5.8	13.0	13.3	1.9	1.9	-.09	.78
26	1	89	7	200.	3.4	6.8	6.4	12.7	14.3	1.7	1.7	-.09	.77
26	1	89	8	200.	3.2	7.6	7.2	12.7	13.5	1.4	1.5	-.12	.77
26	1	89	9	231.	3.2	7.6	7.2	13.3	15.9	1.3	1.3	-.12	.78
26	1	89	10	197.	2.8	7.6	7.2	13.6	16.4	1.2	1.2	-.12	.75
26	1	89	11	179.	2.6	4.6	4.4	11.6	14.4	.9	1.0	-.16	.80
26	1	89	12	197.	1.9	3.8	3.4	12.7	14.7	.8	1.0	-.12	.89
26	1	89	13	184.	1.0	2.6	2.4	22.2	27.6	1.2	1.3	-.06	.92
26	1	89	14	208.	1.7	6.8	6.0	18.3	19.8	1.8	1.9	-.03	.91
26	1	89	15	190.	2.9	6.6	5.8	15.8	17.4	2.8	2.8	-.06	.86
26	1	89	16	200.	3.1	6.6	6.4	13.8	14.4	3.2	3.2	-.06	.83
26	1	89	17	193.	3.0	6.2	6.2	14.6	16.4	3.5	3.5	-.06	.81
26	1	89	18	183.	2.9	6.4	6.0	12.2	13.0	3.7	3.6	-.03	.82
26	1	89	19	198.	2.9	5.6	5.2	15.0	17.9	4.2	4.1	-.03	.84
26	1	89	20	180.	2.4	4.8	4.6	19.0	20.7	4.4	4.2	.00	.88
26	1	89	21	172.	2.0	6.0	5.6	21.1	23.5	4.1	3.6	.09	.91
26	1	89	22	98.	1.5	4.6	4.2	59.1	86.9	3.8	3.1	.12	.93
26	1	89	23	108.	.8	1.8	1.6	38.6	44.5	3.8	2.6	.00	.93
26	1	89	24	184.	.9	3.2	2.8	45.5	67.7	3.6	2.4	.12	.92
27	1	89	1	254.	1.5	4.4	4.2	23.8	25.9	3.7	2.8	.12	.91
27	1	89	2	267.	2.0	3.8	3.6	10.2	15.5	3.7	2.9	.31	.91
27	1	89	3	281.	1.4	3.6	3.4	16.2	21.4	3.5	2.4	.31	.91
27	1	89	4	200.	.7	1.8	1.6	22.8	38.9	3.1	1.9	.31	.92
27	1	89	5	208.	2.6	4.6	4.4	6.0	8.8	2.5	1.1	1.43	.91
27	1	89	6	195.	2.6	4.6	4.2	4.7	6.4	2.4	1.0	1.15	.90
27	1	89	7	215.	3.5	6.0	5.6	6.7	8.1	2.6	1.7	.65	.91
27	1	89	8	179.	2.9	4.8	4.6	9.2	16.6	3.9	3.5	.19	.94
27	1	89	9	183.	3.3	7.6	7.0	13.0	14.5	4.6	4.3	.09	.95
27	1	89	10	186.	3.9	8.0	7.6	12.7	13.2	5.3	5.2	-.03	.95
27	1	89	11	167.	4.4	8.6	7.8	13.3	15.1	5.2	5.3	-.09	.96
27	1	89	12	193.	5.9	12.2	11.6	12.9	14.8	5.5	5.5	-.06	.96
27	1	89	13	194.	7.2	14.2	13.6	12.2	12.3	5.5	5.6	-.09	.96
27	1	89	14	200.	6.5	12.6	12.2	13.9	14.8	5.4	5.5	-.09	.96
27	1	89	15	195.	4.7	9.8	8.2	13.1	15.3	5.8	5.9	-.06	.96
27	1	89	16	193.	5.7	9.8	9.4	11.0	11.3	6.6	6.6	-.06	.94
27	1	89	17	190.	5.5	10.0	9.4	11.6	11.9	6.5	6.4	-.06	.94
27	1	89	18	184.	5.9	11.0	10.2	11.9	13.0	6.7	6.7	-.06	.93
27	1	89	19	173.	4.9	9.4	9.0	13.0	18.2	6.8	6.8	-.03	.93
27	1	89	20	180.	4.4	8.4	7.8	13.3	14.0	6.8	6.8	-.06	.93
27	1	89	21	193.	5.3	9.2	8.6	12.1	12.3	6.7	6.7	-.06	.95
27	1	89	22	194.	5.7	9.6	9.2	10.6	10.9	7.2	7.1	-.03	.94
27	1	89	23	187.	4.5	8.6	7.6	13.0	14.2	7.3	7.2	-.09	.93
27	1	89	24	214.	5.3	13.0	12.0	13.6	16.3	7.3	7.3	-.06	.93

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	1	89	1	194.	6.8	13.0	12.2	11.9	14.9	8.0	8.0	-.03	.91
28	1	89	2	149.	3.8	9.4	9.2	16.9	22.2	8.3	8.2	-.03	.90
28	1	89	3	197.	4.1	9.2	8.2	17.5	23.4	8.2	8.1	.03	.90
28	1	89	4	205.	5.0	11.0	10.2	14.7	16.9	8.6	8.5	.00	.88
28	1	89	5	205.	5.6	13.4	12.6	14.8	15.5	8.6	8.6	-.09	.89
28	1	89	6	177.	5.1	12.2	11.6	16.0	19.9	8.2	8.1	-.09	.92
28	1	89	7	205.	5.6	12.4	10.4	14.8	16.5	7.4	7.4	-.09	.94
28	1	89	8	176.	4.7	10.8	10.0	14.1	15.8	7.5	7.5	-.06	.94
28	1	89	9	181.	4.3	8.8	8.4	13.6	14.1	7.5	7.4	-.03	.95
28	1	89	10	197.	3.5	8.2	7.4	16.8	20.5	8.1	8.1	.03	.92
28	1	89	11	231.	5.3	11.4	10.6	13.2	17.1	9.6	9.8	-.25	.85
28	1	89	12	246.	5.7	14.0	13.0	16.6	18.2	11.0	11.2	-.50	.74
28	1	89	13	267.	6.4	14.2	13.0	17.8	18.9	10.6	10.7	-.31	.58
28	1	89	14	283.	8.6	16.4	15.6	14.5	15.3	10.3	10.4	-.40	.49
28	1	89	15	277.	8.2	15.0	14.6	13.8	14.3	9.1	9.1	-.34	.45
28	1	89	16	299.	5.2	12.0	11.4	15.1	16.5	7.8	7.8	-.19	.46
28	1	89	17	253.	3.0	7.6	7.0	15.4	21.6	6.6	6.3	.03	.49
28	1	89	18	240.	3.6	9.2	8.0	20.0	20.4	5.9	5.8	.06	.47
28	1	89	19	222.	3.5	7.8	7.6	18.3	19.3	5.3	5.1	.03	.49
28	1	89	20	219.	5.0	8.6	8.2	11.2	11.7	4.7	4.4	.00	.52
28	1	89	21	204.	4.0	9.2	8.4	13.6	15.6	4.3	3.9	.09	.57
28	1	89	22	221.	3.2	6.4	6.2	14.1	18.8	4.0	3.5	.12	.60
28	1	89	23	208.	2.7	7.6	7.2	23.7	27.3	4.1	3.7	.06	.59
28	1	89	24	218.	2.5	8.0	7.6	34.0	42.4	3.0	2.2	.34	.62
29	1	89	1	207.	3.0	7.8	7.0	28.7	29.4	3.8	3.3	.16	.62
29	1	89	2	224.	4.8	11.0	10.4	14.9	17.6	3.3	3.0	.00	.66
29	1	89	3	194.	4.6	9.4	9.0	11.8	13.8	3.2	2.8	.03	.69
29	1	89	4	209.	5.3	10.8	10.0	12.1	14.5	3.2	2.9	.03	.73
29	1	89	5	209.	6.7	13.2	13.0	12.9	13.1	3.6	3.4	.00	.76
29	1	89	6	195.	7.1	12.4	11.6	10.9	11.9	3.8	3.7	-.03	.78
29	1	89	7	190.	5.6	12.0	11.0	12.8	13.3	3.9	3.7	-.03	.80
29	1	89	8	212.	5.4	11.6	10.8	13.6	15.4	4.3	4.1	.00	.79
29	1	89	9	218.	6.9	13.4	12.4	12.7	13.1	5.1	5.0	.00	.76
29	1	89	10	224.	6.9	16.0	14.6	13.5	13.6	5.8	5.8	-.06	.76
29	1	89	11	207.	6.7	13.2	12.4	13.0	14.5	6.5	6.5	-.12	.77
29	1	89	12	222.	6.7	14.6	13.8	14.7	15.9	7.4	7.6	-.31	.75
29	1	89	13	228.	8.1	15.4	15.0	13.4	13.6	7.8	7.8	-.19	.75
29	1	89	14	231.	6.9	12.6	12.2	14.3	14.5	8.7	8.7	-.16	.73
29	1	89	15	233.	6.5	14.2	13.6	15.6	16.5	8.9	8.9	-.12	.72
29	1	89	16	242.	6.0	14.0	12.4	18.1	18.4	8.9	8.8	-.06	.72
29	1	89	17	249.	5.3	12.6	11.8	21.2	21.5	9.4	9.2	.00	.72
29	1	89	18	254.	7.2	18.4	16.8	19.6	20.1	10.4	10.3	.00	.71
29	1	89	19	263.	10.6	20.2	18.8	16.1	17.3	10.5	10.5	-.06	.71
29	1	89	20	254.	10.7	24.0	22.0	16.6	16.8	10.0	10.0	-.06	.71
29	1	89	21	256.	9.7	21.2	19.6	16.8	17.2	9.8	9.7	-.03	.71
29	1	89	22	256.	9.8	23.8	22.2	17.6	17.8	9.7	9.6	-.06	.70
29	1	89	23	253.	8.8	18.8	18.0	18.5	18.6	9.4	9.4	-.03	.64
29	1	89	24	257.	7.4	15.6	14.4	18.1	18.8	8.5	8.5	-.03	.64
30	1	89	1	274.	6.1	15.0	14.2	18.5	20.0	8.2	8.1	-.03	.62
30	1	89	2	273.	5.7	12.2	11.6	16.2	16.9	7.7	7.6	-.03	.66
30	1	89	3	238.	3.2	7.8	7.0	20.9	24.9	6.9	6.8	-.03	.72
30	1	89	4	247.	3.3	9.6	9.2	16.6	17.6	6.4	6.1	.09	.76
30	1	89	5	260.	5.4	11.6	11.0	19.6	20.3	6.7	6.6	.03	.75
30	1	89	6	267.	7.2	13.4	12.8	14.7	15.5	7.1	7.0	-.03	.74
30	1	89	7	249.	6.3	12.4	11.8	13.8	16.6	6.7	6.6	-.03	.75
30	1	89	8	254.	4.2	9.2	8.4	17.2	17.5	6.4	6.3	.06	.76
30	1	89	9	254.	4.3	12.6	11.4	20.3	20.6	6.6	6.5	.06	.74
30	1	89	10	269.	4.0	9.0	8.4	22.9	24.0	8.0	8.0	-.22	.71
30	1	89	11	271.	4.7	11.8	11.4	17.8	18.1	9.2	9.4	-.56	.68
30	1	89	12	276.	6.3	13.6	12.8	17.6	18.0	9.9	10.2	-.50	.59
30	1	89	13	277.	4.7	11.6	11.4	17.9	18.4	10.6	10.9	-.59	.55
30	1	89	14	269.	5.5	11.4	11.0	16.6	20.1	10.6	10.7	-.40	.54
30	1	89	15	271.	5.7	11.6	11.2	18.0	18.4	9.8	9.9	-.31	.55
30	1	89	16	277.	7.1	15.2	14.0	15.8	16.0	9.2	9.2	-.25	.57
30	1	89	17	221.	3.5	11.8	11.0	17.4	25.7	8.2	7.9	.03	.60
30	1	89	18	202.	1.5	4.0	3.8	48.1	50.1	7.3	6.5	.25	.65
30	1	89	19	211.	2.0	4.6	4.2	13.6	17.3	7.0	6.3	.22	.69
30	1	89	20	214.	2.5	6.0	5.6	11.5	14.4	6.3	5.6	.28	.73
30	1	89	21	233.	2.3	5.2	5.0	21.0	23.7	6.1	5.7	.16	.75
30	1	89	22	238.	2.1	3.2	3.2	10.3	14.3	5.9	5.4	.53	.78
30	1	89	23	231.	2.1	3.4	3.4	8.6	14.5	5.6	4.6	.65	.80
30	1	89	24	315.	1.2	3.6	3.4	22.1	59.3	4.0	2.9	.87	.85

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
31	1	89	1	295.	1.2	4.2	4.0	18.5	27.7	3.8	2.6	.96	.87
31	1	89	2	318.	1.8	3.6	3.2	12.5	17.4	3.7	2.5	1.30	.86
31	1	89	3	292.	1.6	2.6	2.4	13.6	21.6	3.8	3.2	1.18	.83
31	1	89	4	218.	1.3	2.0	2.0	27.6	56.9	3.4	2.7	1.09	.87
31	1	89	5	202.	1.1	4.6	4.4	75.1	92.7	3.3	2.2	1.46	.87
31	1	89	6	292.	.7	6.2	6.0	84.5	125.1	3.0	1.7	.93	.90
31	1	89	7	332.	1.8	3.8	3.6	14.8	25.2	2.4	1.3	1.09	.89
31	1	89	8	316.	1.3	2.4	2.4	18.4	27.6	3.4	2.0	.81	.89
31	1	89	9	329.	1.2	2.6	2.4	27.0	34.2	3.4	2.2	.50	.88
31	1	89	10	163.	.9	2.2	2.0	34.3	101.3	4.8	3.5	.59	.90
31	1	89	11	219.	1.1	3.4	3.2	31.4	40.7	7.1	5.9	.40	.88
31	1	89	12	204.	1.5	4.0	3.6	44.6	58.0	8.4	8.4	-.06	.85
31	1	89	13	217.	2.7	4.2	4.0	7.2	7.8	9.2	9.5	.03	.82
31	1	89	14	198.	2.9	6.0	5.6	10.4	11.2	9.9	9.9	-.12	.81
31	1	89	15	103.	1.6	3.4	3.2	28.2	44.0	10.1	10.0	-.22	.82
31	1	89	16	288.	1.5	3.2	3.0	40.7	73.5	10.1	9.4	.12	.83
31	1	89	17	302.	1.6	4.2	4.0	25.1	27.0	9.7	8.8	.25	.81
31	1	89	18	271.	1.7	5.4	4.8	41.7	45.5	9.5	8.5	.25	.75
31	1	89	19	245.	2.4	6.6	6.4	22.6	26.8	8.6	8.1	.25	.73
31	1	89	20	263.	3.0	8.0	7.0	19.6	21.4	8.5	8.2	.09	.71
31	1	89	21	169.	2.1	5.0	4.6	20.3	31.0	7.7	7.1	.19	.73
31	1	89	22	277.	1.4	3.4	3.4	45.2	72.5	7.5	6.6	.19	.75
31	1	89	23	298.	2.0	4.0	3.8	13.0	19.5	7.0	6.3	.28	.75
31	1	89	24	305.	3.1	4.2	4.0	6.7	8.9	6.2	5.4	.59	.77
MANGLER(ANT)				0	0	0	0	0	0	0	0	0	0
MANGLER(%)				.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	2	89	1	299.	3.1	4.2	4.0	4.4	5.3	5.2	4.5	.75	.81
1	2	89	2	288.	3.7	5.0	5.0	5.1	6.1	4.9	4.1	.81	.81
1	2	89	3	281.	3.3	4.4	4.2	4.2	6.6	4.7	4.0	.84	.81
1	2	89	4	290.	3.1	4.2	4.0	4.9	6.3	4.2	3.3	.71	.82
1	2	89	5	290.	3.5	4.6	4.4	3.1	5.3	3.4	2.5	1.02	.84
1	2	89	6	295.	3.0	4.2	4.0	2.8	6.7	3.6	2.7	1.06	.83
1	2	89	7	339.	2.8	4.2	4.0	7.3	18.4	1.8	.6	.87	.89
1	2	89	8	322.	2.7	4.6	4.4	5.8	11.5	1.5	.8	.50	.87
1	2	89	9	239.	.8	2.2	2.0	42.0	60.7	1.1	.1	.43	.90
1	2	89	10	229.	1.4	2.6	2.4	8.3	10.8	3.3	3.1	-.56	.82
1	2	89	11	112.	1.1	2.6	2.4	20.5	42.4	3.7	4.0	-.81	.82
1	2	89	12	179.	1.6	2.8	2.6	14.5	24.2	4.0	4.4	-.40	.80
1	2	89	13	219.	3.4	6.6	6.2	12.1	17.7	5.9	6.5	-.59	.74
1	2	89	14	217.	3.4	7.2	6.8	15.8	17.0	6.9	7.3	-.68	.72
1	2	89	15	215.	3.6	6.6	6.4	13.4	13.8	7.2	7.3	-.47	.70
1	2	89	16	204.	3.5	6.0	5.8	10.4	11.2	6.3	6.2	-.16	.73
1	2	89	17	204.	4.5	7.6	7.0	9.8	10.2	5.5	5.2	.00	.76
1	2	89	18	204.	4.3	8.0	7.6	12.2	12.3	4.8	4.4	.00	.79
1	2	89	19	205.	4.6	8.2	7.6	10.2	10.5	4.2	3.9	.00	.81
1	2	89	20	209.	4.4	7.6	7.2	9.8	9.9	3.6	3.3	.03	.84
1	2	89	21	205.	3.2	6.2	6.2	11.6	11.9	3.3	2.9	.09	.85
1	2	89	22	208.	4.2	7.2	6.8	9.8	10.0	3.2	2.9	.06	.83
1	2	89	23	224.	3.2	6.8	6.6	17.8	18.5	3.2	2.8	.12	.82
1	2	89	24	224.	1.9	3.8	3.6	35.2	39.5	3.0	2.4	.06	.81
2	2	89	1	201.	2.5	5.0	4.6	13.8	18.4	2.6	1.5	.62	.83
2	2	89	2	218.	2.2	5.0	4.6	11.4	14.3	3.0	2.0	.37	.78
2	2	89	3	229.	2.0	5.8	5.4	37.0	38.0	3.5	2.5	.31	.77
2	2	89	4	201.	1.9	4.8	4.4	43.1	51.6	3.4	2.5	.34	.79
2	2	89	5	195.	3.1	6.8	6.4	13.3	15.9	3.8	3.2	.25	.77
2	2	89	6	214.	3.1	9.0	8.2	18.7	20.4	3.9	3.5	.12	.77
2	2	89	7	205.	4.5	9.2	8.8	13.4	14.0	4.0	3.7	.00	.80
2	2	89	8	176.	4.3	8.4	8.2	14.3	18.0	3.5	3.3	.00	.86
2	2	89	9	198.	3.7	8.4	7.8	14.5	16.3	3.1	2.9	-.06	.89
2	2	89	10	200.	6.7	11.6	10.6	9.7	10.3	4.1	4.2	-.19	.85
2	2	89	11	212.	5.4	10.4	9.8	11.4	12.9	5.3	5.6	-.37	.81
2	2	89	12	225.	5.3	10.4	10.0	13.3	13.8	6.8	7.2	-.53	.78
2	2	89	13	208.	5.1	10.0	9.2	14.5	16.3	7.7	8.1	-.56	.76
2	2	89	14	207.	5.8	13.4	12.2	13.4	14.3	7.5	7.7	-.31	.78
2	2	89	15	219.	6.2	12.0	11.4	12.4	13.3	6.7	6.8	-.22	.84
2	2	89	16	238.	6.4	13.6	13.2	13.5	16.6	6.9	6.9	-.12	.78
2	2	89	17	218.	3.9	9.0	8.4	13.8	15.3	6.8	6.6	-.03	.71
2	2	89	18	200.	5.7	10.6	10.0	11.1	11.8	6.3	6.2	-.03	.75
2	2	89	19	186.	5.6	9.6	9.2	8.9	9.8	6.0	5.9	-.03	.87
2	2	89	20	156.	3.9	7.2	7.0	13.2	15.5	6.1	6.0	.00	.91
2	2	89	21	195.	3.4	8.8	8.0	17.1	24.1	6.5	6.3	.09	.88
2	2	89	22	207.	4.7	9.4	9.0	14.7	14.9	7.0	6.8	.00	.85
2	2	89	23	209.	5.1	11.0	10.0	14.0	14.6	6.9	6.8	-.03	.87
2	2	89	24	225.	5.7	11.6	11.0	13.0	13.5	7.0	6.9	-.03	.87
3	2	89	1	228.	5.0	10.6	10.4	13.7	14.0	6.9	6.7	-.03	.86
3	2	89	2	225.	5.3	10.4	9.6	14.1	14.4	7.0	6.8	.00	.83
3	2	89	3	235.	5.9	11.2	10.4	13.3	14.0	7.0	6.8	-.03	.82
3	2	89	4	232.	6.5	11.6	10.8	10.9	11.1	7.0	6.8	.03	.81
3	2	89	5	235.	5.9	12.8	11.8	14.3	14.3	7.4	7.3	.06	.77
3	2	89	6	305.	4.4	9.4	8.8	22.9	30.6	8.0	7.8	.06	.71
3	2	89	7	254.	5.4	11.4	10.4	12.1	16.5	8.0	7.7	.19	.66
3	2	89	8	256.	2.6	8.6	7.4	38.1	38.4	7.5	7.0	.16	.63
3	2	89	9	243.	2.6	7.4	7.0	30.0	43.1	7.5	6.9	.12	.60
3	2	89	10	235.	3.2	7.0	6.8	19.5	24.1	8.2	8.3	-.43	.58
3	2	89	11	221.	2.9	7.2	6.8	22.8	26.9	9.5	10.0	-.75	.56
3	2	89	12	252.	4.3	9.8	8.8	17.1	18.7	9.6	9.8	-.56	.57
3	2	89	13	243.	3.6	9.2	8.4	19.4	20.5	10.6	10.9	-.75	.56
3	2	89	14	250.	5.4	10.6	10.0	18.2	18.7	10.6	10.8	-.59	.55
3	2	89	15	263.	5.1	10.2	9.8	18.1	18.5	10.3	10.4	-.50	.56
3	2	89	16	229.	3.6	9.2	8.6	22.5	28.1	9.8	9.7	-.31	.59
3	2	89	17	209.	3.9	8.6	8.2	11.2	14.5	8.8	8.4	.03	.65
3	2	89	18	198.	3.8	8.2	8.0	11.4	13.2	8.0	7.6	.00	.80
3	2	89	19	187.	3.4	6.8	6.6	12.1	14.4	7.3	6.8	.12	.90
3	2	89	20	209.	3.5	7.4	6.6	17.1	18.5	7.2	7.0	.00	.94
3	2	89	21	183.	4.2	8.6	8.2	14.9	16.8	7.1	7.0	-.03	.96
3	2	89	22	159.	4.3	8.8	8.2	14.2	20.5	7.0	6.9	-.06	.98
3	2	89	23	184.	4.8	8.8	8.2	14.1	15.1	6.9	6.9	-.09	.98
3	2	89	24	186.	5.4	11.4	11.0	11.5	12.6	6.9	6.9	-.06	.98

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	2	89	1	180.	4.2	9.8	9.6	14.3	16.9	6.9	7.0	-.06	.97
4	2	89	2	200.	6.3	12.6	11.2	11.5	13.8	7.3	7.2	-.03	.95
4	2	89	3	163.	4.4	8.2	7.6	13.8	19.8	7.4	7.3	-.06	.95
4	2	89	4	191.	4.1	8.8	8.4	16.5	17.6	7.2	7.2	-.06	.96
4	2	89	5	200.	5.3	12.8	11.8	14.0	14.6	7.6	7.6	-.06	.93
4	2	89	6	202.	6.4	12.0	11.2	13.3	13.7	7.6	7.5	-.06	.92
4	2	89	7	198.	5.9	12.8	12.0	12.5	12.7	7.4	7.5	-.09	.94
4	2	89	8	191.	5.8	10.2	9.8	11.4	11.5	7.1	7.1	-.06	.98
4	2	89	9	205.	6.0	11.6	10.6	12.3	13.5	7.3	7.2	-.03	.98
4	2	89	10	198.	6.3	10.8	10.2	12.5	12.7	7.8	7.8	-.09	.94
4	2	89	11	191.	6.0	11.0	10.6	11.8	12.2	8.0	8.3	-.25	.93
4	2	89	12	190.	7.5	12.4	12.0	10.0	10.2	7.7	7.9	-.19	.94
4	2	89	13	194.	7.7	12.4	12.0	11.2	11.2	7.9	8.1	-.19	.93
4	2	89	14	198.	7.4	13.6	12.8	10.9	11.3	8.0	8.1	-.09	.92
4	2	89	15	224.	6.8	12.8	11.6	13.3	14.7	8.5	8.6	-.06	.90
4	2	89	16	225.	6.2	12.8	12.2	12.8	13.0	8.2	8.2	-.03	.90
4	2	89	17	228.	6.2	12.8	11.0	13.3	13.5	8.0	8.0	-.06	.84
4	2	89	18	232.	5.7	10.8	10.2	14.5	14.6	7.5	7.5	-.06	.81
4	2	89	19	217.	5.5	11.8	10.8	12.8	16.9	7.1	7.0	-.03	.81
4	2	89	20	209.	7.2	14.0	13.4	12.7	13.0	6.7	6.6	-.06	.79
4	2	89	21	195.	6.1	12.0	11.8	13.1	14.3	6.5	6.5	-.09	.82
4	2	89	22	207.	7.3	13.0	12.4	11.3	11.9	6.1	6.1	-.09	.91
4	2	89	23	202.	7.8	13.4	12.4	11.4	11.5	5.5	5.5	-.09	.92
4	2	89	24	221.	7.7	16.6	15.8	12.3	14.1	5.6	5.6	-.06	.88
5	2	89	1	226.	7.8	14.4	13.0	11.6	12.1	5.5	5.6	-.06	.88
5	2	89	2	243.	5.4	14.8	13.8	16.9	17.4	5.5	5.6	-.06	.85
5	2	89	3	252.	5.4	11.0	9.8	17.8	18.4	5.6	5.6	-.06	.73
5	2	89	4	266.	4.6	10.2	9.8	16.2	17.4	5.3	5.2	-.06	.67
5	2	89	5	247.	5.4	11.6	11.2	16.2	17.3	4.7	4.6	-.06	.63
5	2	89	6	235.	4.9	10.4	9.8	16.0	16.5	3.8	3.6	-.03	.64
5	2	89	7	247.	4.8	11.4	10.8	17.8	18.3	3.0	2.9	-.03	.70
5	2	89	8	245.	4.4	9.4	9.0	20.4	20.6	2.7	2.7	-.03	.73
5	2	89	9	271.	4.1	9.2	8.2	18.4	21.4	3.2	3.1	-.19	.70
5	2	89	10	276.	3.5	9.0	8.4	19.0	21.3	4.2	4.4	-.56	.69
5	2	89	11	283.	4.4	9.4	9.2	14.9	16.0	5.0	5.4	-.65	.67
5	2	89	12	278.	8.1	16.6	15.6	14.6	15.7	5.0	5.2	-.43	.64
5	2	89	13	271.	7.1	14.0	13.2	15.3	16.4	4.5	4.8	-.43	.69
5	2	89	14	270.	8.5	16.0	15.0	14.9	15.2	5.3	5.6	-.50	.56
5	2	89	15	271.	9.7	19.6	18.6	14.1	14.5	4.6	4.7	-.31	.56
5	2	89	16	257.	6.9	17.2	16.4	16.6	17.8	3.7	3.7	-.34	.62
5	2	89	17	247.	4.9	11.2	10.6	18.9	19.0	2.8	2.8	-.06	.68
5	2	89	18	250.	5.7	12.6	11.0	18.4	18.8	3.0	2.9	-.06	.64
5	2	89	19	233.	5.1	9.2	8.8	13.5	13.9	2.3	2.2	.00	.69
5	2	89	20	202.	4.2	8.6	8.0	15.3	19.8	2.4	2.3	.03	.68
5	2	89	21	177.	2.9	6.0	5.8	13.4	17.3	1.9	1.3	.25	.75
5	2	89	22	190.	4.3	7.8	7.2	10.7	13.6	1.9	1.5	.06	.75
5	2	89	23	155.	4.0	7.8	7.2	12.4	19.8	2.1	1.8	.09	.80
5	2	89	24	195.	4.2	10.4	9.6	15.7	19.0	2.6	2.3	.03	.84
6	2	89	1	200.	6.6	10.8	10.0	10.5	10.7	3.7	3.5	.00	.84
6	2	89	2	194.	5.9	10.8	9.8	12.0	12.3	4.5	4.5	-.06	.85
6	2	89	3	193.	5.9	10.4	9.8	11.2	11.3	4.7	4.6	-.06	.90
6	2	89	4	191.	4.7	8.6	8.2	11.8	11.9	4.8	4.6	-.03	.94
6	2	89	5	202.	5.1	10.2	9.4	11.8	13.1	4.9	4.7	.00	.95
6	2	89	6	218.	4.1	9.4	8.8	28.6	28.8	5.5	5.4	.00	.94
6	2	89	7	201.	1.0	5.4	5.0	64.1	77.0	5.6	4.7	.37	.95
6	2	89	8	198.	4.1	6.6	6.4	10.0	11.4	7.4	6.7	.28	.85
6	2	89	9	211.	3.8	7.6	7.4	12.1	13.2	7.9	7.4	.16	.85
6	2	89	10	225.	5.0	10.2	9.6	15.8	16.8	9.4	9.3	.00	.79
6	2	89	11	236.	5.5	12.2	11.4	14.7	16.6	11.0	11.1	-.34	.75
6	2	89	12	243.	6.3	17.4	15.8	15.8	16.4	12.3	12.4	-.22	.70
6	2	89	13	240.	8.0	18.0	17.4	17.0	17.1	13.2	13.3	-.37	.66
6	2	89	14	247.	7.8	16.4	15.8	18.1	18.3	13.3	13.5	-.31	.66
6	2	89	15	246.	6.6	14.8	14.6	17.2	17.3	13.1	13.1	-.25	.68
6	2	89	16	260.	6.3	14.2	13.4	17.0	18.1	12.7	12.7	-.09	.70
6	2	89	17	253.	6.7	14.6	13.6	17.1	17.7	12.3	12.3	-.03	.70
6	2	89	18	245.	6.5	14.8	14.2	17.5	18.1	12.2	12.0	.00	.71
6	2	89	19	245.	4.9	11.8	10.4	19.2	19.6	12.0	11.9	.00	.72
6	2	89	20	262.	5.3	11.6	10.8	17.4	19.3	11.9	11.7	.00	.72
6	2	89	21	239.	5.7	12.2	11.8	16.9	17.4	11.7	11.6	.03	.72
6	2	89	22	246.	5.7	10.8	10.4	15.5	15.8	11.3	11.1	.00	.73
6	2	89	23	253.	4.7	9.6	9.4	16.9	17.3	10.7	10.6	.03	.73
6	2	89	24	243.	4.3	11.2	10.6	17.3	18.5	10.1	10.0	.00	.72

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	2	89	1	250.	4.3	9.2	8.6	18.9	19.1	9.8	9.6	.03	.72
7	2	89	2	236.	4.0	9.2	8.8	16.9	18.0	9.5	9.3	.06	.73
7	2	89	3	205.	3.8	8.4	8.0	13.3	21.5	9.0	8.5	.19	.78
7	2	89	4	194.	4.7	7.4	7.0	10.2	11.8	9.1	8.6	.16	.83
7	2	89	5	208.	5.0	8.2	8.0	8.8	9.6	9.4	8.9	.09	.86
7	2	89	6	208.	5.9	11.0	10.2	10.3	10.6	9.5	9.1	.06	.85
7	2	89	7	191.	5.7	9.6	8.8	8.8	9.8	9.6	9.3	.00	.84
7	2	89	8	207.	6.0	10.4	9.8	9.4	9.9	9.7	9.4	.00	.84
7	2	89	9	204.	6.0	11.2	10.4	10.3	10.6	10.1	10.0	-.16	.83
7	2	89	10	228.	4.8	11.2	10.8	13.7	16.5	11.1	11.4	-.50	.78
7	2	89	11	232.	5.8	11.2	10.0	15.3	15.6	11.9	12.2	-.56	.73
7	2	89	12	238.	6.7	14.2	13.6	17.1	17.3	11.6	11.8	-.40	.73
7	2	89	13	240.	5.9	14.4	13.0	19.7	19.9	11.4	11.6	-.43	.74
7	2	89	14	247.	6.6	14.4	13.6	18.0	18.2	11.4	11.6	-.37	.75
7	2	89	15	240.	6.6	15.0	13.4	16.7	16.8	11.5	11.7	-.43	.77
7	2	89	16	243.	5.0	11.8	11.4	17.7	18.0	11.0	11.0	-.16	.77
7	2	89	17	259.	5.8	12.0	10.6	17.4	18.1	11.0	10.9	-.03	.73
7	2	89	18	291.	5.0	10.2	9.6	15.6	21.2	10.0	9.8	-.03	.70
7	2	89	19	280.	4.1	8.8	8.0	14.5	15.3	8.9	8.6	.03	.67
7	2	89	20	240.	3.1	7.6	6.8	18.1	22.3	7.7	7.5	.06	.69
7	2	89	21	240.	4.8	9.8	9.0	15.1	15.3	6.9	6.7	.03	.70
7	2	89	22	249.	4.9	10.2	9.0	18.3	18.9	6.6	6.5	.00	.69
7	2	89	23	240.	4.1	9.8	8.8	17.3	17.8	6.4	6.3	.00	.69
7	2	89	24	238.	4.9	10.6	10.4	12.7	13.0	6.0	5.8	.00	.71
8	2	89	1	239.	4.8	9.6	8.8	14.3	14.3	5.5	5.3	.00	.73
8	2	89	2	259.	4.8	10.2	9.4	18.5	19.1	5.4	5.3	.06	.68
8	2	89	3	276.	5.6	12.6	12.2	16.5	17.0	5.8	5.8	.00	.61
8	2	89	4	270.	3.9	8.0	7.4	14.3	16.0	5.3	5.1	.03	.63
8	2	89	5	232.	2.6	7.4	7.0	38.3	41.6	4.6	4.3	.06	.66
8	2	89	6	269.	2.1	4.4	4.2	16.1	23.3	4.0	3.5	.31	.66
8	2	89	7	4.	2.0	4.6	4.4	18.3	34.1	3.8	3.1	.25	.66
8	2	89	8	256.	2.5	3.8	3.4	6.9	32.0	3.6	1.9	.50	.70
8	2	89	9	231.	2.1	3.2	3.0	8.9	24.3	2.8	2.3	.28	.69
8	2	89	10	257.	2.0	3.6	3.6	8.0	11.2	3.0	2.9	.12	.68
8	2	89	11	238.	1.3	3.0	2.8	27.1	30.2	4.5	4.8	-.59	.67
8	2	89	12	224.	.7	2.2	2.0	63.2	104.1	4.7	5.0	-.28	.67
8	2	89	13	124.	1.0	2.4	2.0	33.0	38.8	4.7	4.9	-.16	.69
8	2	89	14	186.	.7	2.2	2.0	32.5	42.4	4.9	5.0	.03	.72
8	2	89	15	221.	1.1	2.8	2.6	15.3	18.3	5.6	6.1	-.34	.68
8	2	89	16	60.	.7	2.0	1.8	27.4	62.8	5.5	5.7	-.28	.69
8	2	89	17	340.	.8	2.2	2.0	42.2	54.5	4.5	4.2	.06	.78
8	2	89	18	37.	1.7	3.0	3.0	16.8	28.9	3.7	3.3	.09	.88
8	2	89	19	1.	1.5	2.8	2.6	8.8	16.6	3.3	3.3	.03	.87
8	2	89	20	233.	.1	1.0	.8	33.5	63.4	3.1	2.8	-.03	.92
8	2	89	21	343.	.9	2.4	2.0	52.0	67.3	2.8	2.5	.09	.91
8	2	89	22	349.	2.0	4.0	3.6	9.0	17.4	2.5	2.4	.19	.90
8	2	89	23	284.	1.7	3.8	3.4	10.0	22.9	2.4	2.0	.12	.89
8	2	89	24	305.	1.6	2.6	2.6	12.4	28.9	1.8	1.1	.28	.91
9	2	89	1	311.	2.4	3.0	3.0	2.4	4.4	1.1	.6	.40	.91
9	2	89	2	342.	1.7	2.6	2.4	3.4	18.5	.6	-.5	.50	.89
9	2	89	3	321.	2.2	3.6	3.2	6.0	10.8	-.1	-.5	.09	.88
9	2	89	4	339.	3.3	5.8	5.6	6.1	10.6	-.4	-.7	.09	.88
9	2	89	5	309.	2.7	5.4	5.2	4.7	16.3	-.8	-1.2	.12	.87
9	2	89	6	329.	2.0	3.4	3.2	6.1	11.0	-1.2	-1.9	.40	.86
9	2	89	7	299.	2.6	4.8	4.6	6.4	14.5	-1.3	-1.4	.06	.86
9	2	89	8	349.	1.6	3.4	3.2	6.1	23.4	-1.5	-1.6	.28	.86
9	2	89	9	323.	2.6	4.8	4.4	7.3	10.5	-.8	-.8	.09	.87
9	2	89	10	325.	2.4	4.2	3.8	10.7	15.5	-.5	-.5	-.09	.86
9	2	89	11	318.	2.8	5.2	4.8	8.7	11.1	.1	.2	-.06	.85
9	2	89	12	336.	1.6	3.6	3.4	13.6	16.5	.4	.7	-.16	.84
9	2	89	13	332.	1.6	3.2	3.0	11.3	13.4	.7	1.0	-.12	.85
9	2	89	14	337.	1.6	2.8	2.6	8.9	11.2	.9	1.1	-.09	.83
9	2	89	15	336.	.8	1.8	1.6	15.8	19.3	1.2	1.3	.00	.85
9	2	89	16	319.	1.5	2.6	2.4	9.5	17.0	1.0	1.3	-.06	.86
9	2	89	17	6.	1.1	2.4	2.2	20.0	25.3	1.2	1.3	.12	.88
9	2	89	18	21.	1.2	2.8	2.6	28.2	49.3	1.4	1.4	.12	.89
9	2	89	19	349.	.7	2.6	2.4	52.5	73.4	1.9	1.6	.37	.90
9	2	89	20	84.	.6	2.4	2.2	24.7	41.2	2.1	1.9	.40	.90
9	2	89	21	104.	2.1	4.4	4.2	14.2	14.9	3.1	3.0	.09	.90
9	2	89	22	90.	2.5	4.4	4.2	7.6	8.7	3.5	3.5	-.03	.90
9	2	89	23	83.	2.1	4.2	3.8	16.2	27.6	3.2	2.9	.25	.90
9	2	89	24	107.	2.3	4.6	4.2	8.8	11.5	3.6	3.6	.03	.92

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	2	89	1	120.	2.6	3.8	3.6	7.3	9.4	3.9	3.9	.03	.91
10	2	89	2	132.	2.9	6.0	5.8	9.6	11.8	4.3	4.3	.00	.91
10	2	89	3	138.	5.1	8.8	8.6	11.9	12.2	4.8	4.9	-.06	.90
10	2	89	4	145.	4.7	10.2	9.6	12.0	12.5	4.5	4.5	-.06	.92
10	2	89	5	148.	4.4	8.2	7.4	12.2	13.6	4.6	4.6	-.06	.91
10	2	89	6	134.	3.3	6.0	5.4	10.4	13.2	4.5	4.6	-.06	.92
10	2	89	7	134.	3.6	6.8	6.4	10.7	11.0	4.5	4.5	-.06	.92
10	2	89	8	132.	3.6	6.6	6.4	11.4	12.5	4.5	4.5	-.06	.91
10	2	89	9	134.	3.6	7.0	6.2	11.1	11.6	4.6	4.6	-.06	.90
10	2	89	10	135.	3.7	7.0	6.8	11.7	12.0	4.6	4.7	-.06	.90
10	2	89	11	136.	3.8	7.2	6.8	12.2	13.5	4.8	4.9	-.06	.89
10	2	89	12	136.	3.5	8.2	7.2	11.7	12.4	4.6	4.7	-.09	.91
10	2	89	13	134.	3.3	6.0	5.4	11.7	12.1	4.5	4.6	-.09	.92
10	2	89	14	131.	3.4	6.0	5.8	11.7	12.3	4.5	4.6	-.09	.90
10	2	89	15	145.	2.9	5.8	5.6	12.6	13.5	4.7	4.7	-.06	.88
10	2	89	16	152.	2.7	5.8	5.6	14.2	15.1	4.7	4.7	-.06	.86
10	2	89	17	155.	2.8	5.6	5.4	13.5	14.0	4.6	4.6	-.06	.84
10	2	89	18	173.	2.6	5.0	4.8	13.0	14.3	4.5	4.5	-.09	.83
10	2	89	19	186.	2.2	4.4	4.2	13.0	19.0	4.1	4.2	-.09	.87
10	2	89	20	176.	2.1	4.0	3.6	11.0	12.7	3.9	3.9	-.09	.88
10	2	89	21	170.	1.8	3.6	3.4	9.6	13.2	3.7	3.7	-.09	.89
10	2	89	22	205.	2.1	3.4	3.2	8.8	12.4	3.6	3.6	-.09	.90
10	2	89	23	163.	1.2	3.2	3.2	19.2	29.4	3.5	3.5	-.09	.91
10	2	89	24	193.	2.5	4.4	4.2	13.3	17.7	3.5	3.5	-.09	.90
11	2	89	1	200.	2.6	5.0	4.8	12.6	13.0	3.4	3.5	-.09	.90
11	2	89	2	195.	2.9	5.2	4.8	9.5	10.0	3.5	3.5	-.09	.89
11	2	89	3	190.	2.6	5.4	5.2	12.2	14.1	3.6	3.7	-.09	.87
11	2	89	4	208.	2.9	6.0	5.2	12.9	15.1	3.7	3.7	-.09	.86
11	2	89	5	193.	2.4	4.6	4.4	13.3	14.5	3.7	3.8	-.12	.88
11	2	89	6	205.	1.6	5.4	5.0	17.6	22.2	3.4	3.6	-.16	.92
11	2	89	7	46.	.5	2.8	2.6	36.1	83.7	3.4	3.5	-.12	.94
11	2	89	8	107.	1.5	2.6	2.4	23.3	26.9	3.3	3.3	.00	.94
11	2	89	9	149.	2.3	3.8	3.4	6.9	16.9	3.4	3.5	.00	.94
11	2	89	10	301.	1.3	5.4	5.2	16.0	43.8	3.7	3.8	-.06	.94
11	2	89	11	329.	2.4	5.4	4.8	10.5	14.8	3.3	3.5	-.12	.94
11	2	89	12	308.	2.1	3.6	3.4	8.8	10.8	3.7	4.0	-.34	.93
11	2	89	13	312.	2.1	4.0	3.8	10.4	11.7	5.1	5.7	-.71	.87
11	2	89	14	297.	1.5	2.8	2.6	18.4	21.2	5.9	6.8	-.59	.84
11	2	89	15	233.	1.9	4.4	4.2	26.7	32.7	7.3	7.8	-.90	.70
11	2	89	16	232.	3.0	6.2	6.0	14.5	16.2	7.1	7.3	-.50	.63
11	2	89	17	208.	3.2	6.4	5.6	9.8	12.2	6.0	5.7	-.06	.66
11	2	89	18	211.	4.1	8.6	8.4	10.6	11.2	5.3	4.9	.06	.72
11	2	89	19	205.	4.8	8.8	8.2	10.4	10.9	4.9	4.6	.00	.73
11	2	89	20	201.	4.8	9.8	9.4	13.4	14.4	4.6	4.4	-.03	.77
11	2	89	21	200.	5.2	9.6	9.4	11.6	11.8	4.3	4.2	-.06	.80
11	2	89	22	194.	5.5	9.8	9.6	11.4	11.9	4.3	4.3	-.06	.82
11	2	89	23	184.	5.1	10.2	9.6	11.0	11.5	4.7	4.7	-.09	.85
11	2	89	24	186.	4.5	8.6	8.2	12.4	12.7	4.8	4.8	-.09	.88
12	2	89	1	194.	4.1	8.2	7.6	11.9	12.6	4.8	4.9	-.09	.88
12	2	89	2	162.	3.0	6.8	6.6	16.2	20.4	5.0	5.0	-.06	.89
12	2	89	3	176.	2.8	5.8	5.6	16.4	17.5	5.0	5.0	-.09	.91
12	2	89	4	167.	2.4	5.6	5.2	24.4	25.5	4.7	4.5	-.03	.93
12	2	89	5	200.	3.0	6.6	6.2	16.6	18.7	4.5	4.2	.00	.93
12	2	89	6	238.	1.5	5.0	4.8	47.5	49.2	4.4	3.9	.12	.92
12	2	89	7	274.	2.8	6.6	6.4	26.9	31.1	4.5	4.3	.03	.89
12	2	89	8	281.	2.2	5.8	5.6	35.2	37.5	3.9	3.6	.09	.89
12	2	89	9	281.	2.4	8.8	8.0	23.3	28.4	4.3	4.2	-.19	.82
12	2	89	10	229.	3.5	7.8	7.4	16.2	18.5	5.3	5.4	-.56	.70
12	2	89	11	233.	3.6	7.8	7.4	14.9	15.3	5.9	6.1	-.53	.63
12	2	89	12	233.	2.7	6.4	6.0	15.7	16.3	5.7	6.0	-.53	.64
12	2	89	13	238.	2.6	6.0	5.8	17.3	17.5	6.2	6.5	-.43	.61
12	2	89	14	266.	4.4	11.2	10.6	17.5	19.3	6.9	7.2	-.53	.54
12	2	89	15	256.	5.4	11.8	11.2	15.8	16.3	7.0	7.2	-.47	.52
12	2	89	16	254.	5.0	10.6	10.2	16.7	16.9	6.6	6.8	-.34	.53
12	2	89	17	271.	4.4	8.8	8.4	16.6	17.4	6.3	6.2	-.22	.53
12	2	89	18	281.	4.6	9.0	8.2	13.8	14.5	5.3	5.3	-.03	.54
12	2	89	19	281.	4.1	7.4	7.2	11.4	12.8	4.7	4.6	.00	.56
12	2	89	20	291.	3.3	7.8	7.2	12.1	13.0	4.1	3.8	.09	.57
12	2	89	21	292.	4.1	8.8	8.4	12.2	13.8	3.8	3.6	.00	.58
12	2	89	22	259.	3.4	9.4	9.0	15.6	19.6	3.3	3.1	.00	.62
12	2	89	23	291.	2.4	7.8	7.6	29.1	34.7	2.7	2.4	.09	.64
12	2	89	24	297.	4.8	11.6	10.4	14.0	14.6	3.2	3.1	.03	.59

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	2	89	1	284.	4.6	10.2	9.6	15.5	17.0	3.3	3.2	.00	.56
13	2	89	2	307.	5.9	13.6	12.0	15.9	19.2	3.4	3.3	-.03	.56
13	2	89	3	295.	7.4	16.4	13.6	14.2	14.8	3.4	3.4	-.03	.55
13	2	89	4	291.	7.2	15.4	14.4	16.2	16.9	3.3	3.3	-.06	.56
13	2	89	5	305.	5.0	14.6	12.4	20.2	22.1	2.8	2.7	-.06	.56
13	2	89	6	254.	3.8	9.8	9.0	18.4	24.5	2.4	2.3	-.06	.56
13	2	89	7	280.	1.9	5.0	4.6	18.1	24.8	1.8	1.4	.12	.55
13	2	89	8	69.	1.4	4.6	4.0	53.7	84.5	1.4	.7	.12	.56
13	2	89	9	218.	1.5	6.4	6.2	49.3	60.9	2.2	2.1	-.31	.57
13	2	89	10	239.	3.9	8.6	8.2	16.8	17.5	2.6	2.7	-.19	.60
13	2	89	11	250.	3.2	8.2	7.6	23.9	25.2	2.8	2.9	-.22	.62
13	2	89	12	239.	2.6	10.2	9.4	22.8	23.6	3.6	3.8	-.28	.61
13	2	89	13	225.	3.6	10.0	9.6	16.8	17.3	3.8	4.0	-.22	.62
13	2	89	14	208.	4.2	8.2	7.6	15.8	18.1	3.9	4.1	-.19	.66
13	2	89	15	155.	4.5	10.6	10.2	15.1	24.6	4.1	4.2	-.19	.70
13	2	89	16	191.	5.8	14.2	13.4	15.3	20.4	4.1	4.2	-.12	.73
13	2	89	17	197.	7.2	14.2	13.4	13.4	13.8	4.1	4.1	-.09	.72
13	2	89	18	193.	6.8	13.2	12.0	13.0	13.0	3.9	3.9	-.09	.77
13	2	89	19	181.	7.6	16.6	15.4	13.8	14.2	4.0	4.0	-.09	.78
13	2	89	20	181.	8.1	17.0	15.8	14.0	14.3	3.8	3.8	-.09	.77
13	2	89	21	165.	8.2	17.4	16.8	14.9	15.7	3.1	3.1	-.12	.78
13	2	89	22	169.	8.1	16.4	15.2	15.8	16.9	2.3	2.4	-.12	.87
13	2	89	23	159.	8.4	17.4	16.6	15.5	15.8	2.3	2.4	-.12	.87
13	2	89	24	155.	7.5	15.8	14.8	14.3	14.6	2.2	2.3	-.09	.88
14	2	89	1	179.	7.1	13.6	12.6	14.5	16.7	3.3	3.4	-.06	.89
14	2	89	2	190.	5.3	11.4	10.6	13.5	13.9	4.6	4.6	-.06	.92
14	2	89	3	194.	3.7	8.2	7.8	11.8	12.4	5.0	4.7	.00	.91
14	2	89	4	187.	3.1	6.4	6.0	14.7	17.3	5.0	4.9	.00	.89
14	2	89	5	183.	4.1	9.8	9.6	12.5	15.7	4.3	4.3	-.09	.88
14	2	89	6	156.	1.9	4.0	3.8	11.2	18.7	3.6	3.5	.00	.90
14	2	89	7	184.	1.9	3.8	3.6	12.2	15.0	3.8	3.7	.00	.91
14	2	89	8	301.	1.4	3.2	2.8	15.6	42.4	3.7	3.7	-.03	.92
14	2	89	9	307.	3.0	8.2	7.6	9.3	12.3	2.9	2.9	-.03	.91
14	2	89	10	315.	7.7	14.6	13.4	11.7	13.8	3.5	3.7	-.22	.79
14	2	89	11	318.	8.7	18.0	17.4	12.7	13.1	3.7	3.8	-.19	.58
14	2	89	12	316.	10.4	22.4	20.8	12.8	13.0	3.4	3.4	-.12	.44
14	2	89	13	318.	10.0	21.0	19.6	13.1	13.3	3.4	3.5	-.12	.37
14	2	89	14	314.	9.7	18.6	17.8	13.5	13.6	3.8	4.2	-.31	.35
14	2	89	15	323.	10.3	20.2	18.2	13.0	13.6	3.5	3.8	-.25	.32
14	2	89	16	319.	7.9	17.8	15.8	13.2	13.7	3.3	3.6	-.19	.28
14	2	89	17	330.	7.9	15.6	14.8	12.7	14.1	2.8	2.7	-.12	.29
14	2	89	18	204.	3.8	10.4	10.0	26.3	44.8	2.1	1.8	-.09	.32
14	2	89	19	186.	1.5	3.2	3.0	37.4	41.5	.9	.2	.22	.36
14	2	89	20	197.	3.0	5.8	5.0	9.0	14.5	.6	-.2	.28	.37
14	2	89	21	200.	2.6	5.0	4.6	13.1	14.9	.5	.0	.09	.41
14	2	89	22	181.	2.5	6.0	5.6	15.6	19.7	.7	.4	.03	.43
14	2	89	23	190.	3.3	7.2	6.8	13.2	16.9	.8	.6	.03	.47
14	2	89	24	200.	4.3	8.4	7.6	13.0	13.8	1.0	.8	.00	.51
15	2	89	1	188.	4.5	8.2	7.8	11.8	12.3	1.9	1.9	-.03	.61
15	2	89	2	194.	5.5	11.8	11.0	11.5	12.1	3.2	3.2	-.03	.81
15	2	89	3	194.	8.7	16.8	15.8	12.8	13.0	4.4	4.3	-.06	.87
15	2	89	4	198.	10.0	19.8	18.6	12.9	13.2	4.6	4.6	-.09	.89
15	2	89	5	197.	10.4	20.4	19.4	12.1	12.2	4.7	4.8	-.09	.92
15	2	89	6	195.	8.0	14.6	13.4	11.5	11.8	5.3	5.3	-.09	.91
15	2	89	7	181.	7.7	14.6	13.4	11.2	12.6	5.7	5.8	-.09	.93
15	2	89	8	194.	5.5	12.0	11.4	14.7	15.8	6.1	6.1	-.09	.93
15	2	89	9	193.	7.0	14.2	14.0	12.4	13.0	6.6	6.7	-.09	.91
15	2	89	10	243.	6.5	12.6	11.8	13.3	20.3	7.3	7.3	-.06	.87
15	2	89	11	257.	6.5	15.4	14.2	18.0	18.2	8.5	8.6	-.16	.73
15	2	89	12	295.	9.4	21.6	19.4	14.8	19.0	8.3	8.5	-.25	.53
15	2	89	13	262.	9.1	21.6	20.6	15.6	18.0	7.6	7.9	-.43	.41
15	2	89	14	288.	6.7	13.8	13.0	16.2	19.2	7.8	8.2	-.59	.31
15	2	89	15	264.	6.9	13.8	13.2	14.8	17.8	7.1	7.5	-.53	.28
15	2	89	16	249.	6.5	14.6	13.2	17.6	17.9	6.5	6.6	-.40	.32
15	2	89	17	247.	6.1	13.4	12.6	18.0	18.4	5.1	5.1	-.22	.44
15	2	89	18	245.	5.6	11.0	10.6	16.7	16.9	3.9	3.8	-.03	.54
15	2	89	19	243.	6.2	12.0	11.0	16.7	16.8	3.0	3.0	-.06	.55
15	2	89	20	245.	6.0	12.2	11.8	16.2	16.4	2.1	2.0	-.06	.59
15	2	89	21	243.	5.6	12.0	10.8	18.3	18.4	1.4	1.3	-.06	.59
15	2	89	22	246.	5.3	11.0	10.4	16.6	17.2	.7	.7	-.06	.62
15	2	89	23	246.	3.7	9.8	9.2	19.4	19.7	.4	.3	-.03	.62
15	2	89	24	219.	3.9	9.6	8.6	14.3	15.5	.0	-.2	-.06	.64

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	2	89	1	250.	2.9	6.6	6.4	18.0	19.6	-.5	-.6	-.03	.70
16	2	89	2	278.	3.0	7.8	7.0	17.3	21.6	-.4	-.5	-.03	.74
16	2	89	3	284.	4.6	9.0	8.0	13.6	16.3	-.2	-.3	-.03	.70
16	2	89	4	270.	5.8	11.6	11.0	13.7	13.9	.2	.2	-.03	.57
16	2	89	5	257.	6.3	14.0	12.0	16.0	16.6	.3	.4	-.09	.52
16	2	89	6	276.	6.5	14.0	12.8	16.2	17.2	.3	.3	-.06	.53
16	2	89	7	281.	7.2	16.8	14.2	16.0	16.3	.7	.7	-.06	.53
16	2	89	8	280.	7.0	15.4	14.8	15.2	15.3	1.0	1.1	-.09	.48
16	2	89	9	274.	5.0	10.8	10.2	14.5	15.7	.9	1.0	-.19	.46
16	2	89	10	280.	7.3	13.4	12.2	13.6	14.1	1.5	1.7	-.47	.45
16	2	89	11	281.	7.0	13.0	12.6	15.5	15.8	2.1	2.5	-.59	.42
16	2	89	12	267.	5.4	12.6	12.2	16.5	17.2	1.9	2.1	-.25	.42
16	2	89	13	291.	4.4	8.6	8.2	14.3	15.4	2.5	2.8	-.37	.43
16	2	89	14	312.	7.8	17.6	16.6	13.8	14.5	4.0	4.6	-.37	.43
16	2	89	15	305.	9.2	18.6	17.2	12.2	12.7	4.2	4.6	-.31	.36
16	2	89	16	304.	8.1	16.8	15.8	12.0	13.4	3.4	3.5	-.16	.35
16	2	89	17	301.	7.8	14.8	13.8	13.1	13.2	3.2	3.3	-.19	.36
16	2	89	18	302.	7.0	14.0	12.4	12.8	13.0	2.4	2.3	-.09	.39
16	2	89	19	298.	7.0	14.6	14.4	14.7	15.1	1.6	1.5	-.09	.39
16	2	89	20	315.	6.5	12.6	12.4	12.7	13.8	.9	.9	-.09	.39
16	2	89	21	294.	6.8	15.0	14.2	13.4	14.5	.5	.5	-.06	.39
16	2	89	22	299.	6.8	15.4	13.6	14.9	15.1	.2	.2	-.09	.41
16	2	89	23	302.	6.2	12.4	10.8	13.5	13.8	.0	.0	-.06	.41
16	2	89	24	277.	5.4	10.2	9.6	13.4	16.3	-.3	-.4	-.06	.42
17	2	89	1	285.	4.8	9.0	8.4	14.9	15.3	-.6	-.7	-.03	.43
17	2	89	2	301.	4.1	8.4	7.6	18.0	19.2	-.8	-.8	-.06	.43
17	2	89	3	298.	4.8	9.8	9.2	14.3	14.8	-.5	-.6	-.06	.43
17	2	89	4	298.	4.8	9.4	8.0	10.1	10.6	-.6	-.7	-.03	.42
17	2	89	5	288.	5.0	9.6	9.0	12.3	13.2	-.6	-.7	-.03	.41
17	2	89	6	285.	4.2	6.6	6.0	7.7	8.7	-.8	-1.0	.03	.41
17	2	89	7	302.	4.6	6.8	6.6	10.2	13.3	-1.0	-1.2	.03	.42
17	2	89	8	297.	2.9	6.8	6.2	13.2	13.8	-1.2	-1.4	-.06	.44
17	2	89	9	299.	2.7	5.0	4.6	10.1	12.2	-.9	-.6	-.43	.45
17	2	89	10	308.	3.0	5.4	5.0	9.7	10.6	-.3	.3	-.75	.45
17	2	89	11	290.	2.6	4.8	4.4	11.6	13.3	.9	1.7	-1.15	.43
17	2	89	12	298.	3.7	6.4	6.2	11.4	12.3	1.6	2.2	-.96	.39
17	2	89	13	299.	2.6	5.2	5.0	13.9	14.7	2.4	3.2	-.99	.37
17	2	89	14	309.	1.9	3.6	3.2	11.0	12.3	2.9	3.8	-.84	.34
17	2	89	15	325.	1.3	2.8	2.6	15.6	22.9	3.4	4.5	-.71	.31
17	2	89	16	153.	1.1	3.0	2.8	42.4	90.3	3.6	4.4	-.65	.30
17	2	89	17	173.	2.6	4.2	4.2	9.8	13.0	1.2	1.0	-.12	.42
17	2	89	18	184.	2.8	4.8	4.8	9.8	10.8	-.1	-.7	.09	.49
17	2	89	19	115.	1.5	3.4	3.2	18.1	32.3	-.5	-1.2	.34	.54
17	2	89	20	122.	1.1	2.0	1.8	11.3	16.6	-.4	-1.3	.34	.57
17	2	89	21	276.	.5	1.4	1.2	7.7	50.7	-.6	-1.6	.40	.63
17	2	89	22	148.	.3	1.8	1.6	42.9	82.3	-1.7	-2.2	.43	.74
17	2	89	23	8.	.1	.8	.6	51.5	123.9	-1.7	-2.6	.43	.74
17	2	89	24	30.	.4	1.2	1.0	20.6	36.7	-1.9	-2.6	.37	.75
18	2	89	1	79.	.9	3.8	3.6	58.3	107.0	-2.6	-2.9	.40	.79
18	2	89	2	193.	.3	1.4	1.4	60.1	123.1	-2.9	-3.1	.09	.83
18	2	89	3	314.	1.4	3.6	3.4	52.6	79.5	-2.7	-2.8	.19	.84
18	2	89	4	41.	.6	1.6	1.6	48.6	53.5	-2.9	-3.2	.43	.84
18	2	89	5	65.	.4	2.0	1.8	74.1	94.0	-2.7	-3.3	.50	.82
18	2	89	6	181.	1.6	4.6	4.2	41.5	60.5	-1.9	-2.8	.78	.81
18	2	89	7	163.	3.7	10.6	10.2	14.1	16.8	.1	-.2	.31	.76
18	2	89	8	159.	5.0	9.6	9.4	14.5	15.3	1.6	1.5	.03	.65
18	2	89	9	165.	5.6	11.2	9.8	15.2	15.5	2.1	2.1	-.06	.64
18	2	89	10	145.	6.8	12.2	11.2	14.2	15.7	2.5	2.5	-.09	.66
18	2	89	11	146.	7.6	15.2	14.4	13.6	14.2	2.4	2.5	-.09	.68
18	2	89	12	150.	7.7	14.2	13.4	13.5	13.6	2.1	2.1	-.06	.77
18	2	89	13	138.	8.1	14.8	13.8	12.7	13.4	1.8	1.8	-.09	.86
18	2	89	14	135.	7.5	14.0	12.8	12.3	13.3	1.5	1.5	-.06	.90
18	2	89	15	145.	7.1	14.2	14.0	13.3	14.8	1.5	1.5	-.06	.90
18	2	89	16	152.	8.1	14.6	13.4	13.0	13.1	1.4	1.4	-.09	.90
18	2	89	17	148.	6.6	12.8	11.8	13.7	13.9	1.6	1.7	-.09	.90
18	2	89	18	145.	6.8	14.0	13.2	13.7	13.9	1.8	1.8	-.09	.90
18	2	89	19	141.	5.3	10.8	9.8	13.4	14.0	2.5	2.6	-.06	.92
18	2	89	20	155.	2.9	7.6	6.8	18.2	19.6	3.1	3.1	-.03	.92
18	2	89	21	181.	1.9	4.4	4.2	14.6	20.7	3.4	3.4	-.03	.93
18	2	89	22	240.	.7	2.2	2.0	51.1	76.1	3.3	3.2	.00	.93
18	2	89	23	274.	.9	2.6	2.4	49.7	86.8	2.3	2.2	.09	.92
18	2	89	24	34.	1.1	2.8	2.6	27.2	43.1	1.4	1.4	.03	.90

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	2	89	1	136.	1.6	3.2	3.0	31.6	42.2	1.4	1.4	.09	.90
19	2	89	2	149.	4.0	9.6	9.0	10.8	17.3	2.8	2.8	.16	.92
19	2	89	3	148.	6.7	12.2	11.6	13.0	13.3	4.5	4.5	-.06	.94
19	2	89	4	188.	5.7	11.8	11.2	15.3	24.9	5.2	5.2	-.03	.95
19	2	89	5	228.	7.1	15.0	14.6	13.0	15.5	6.2	6.1	.03	.95
19	2	89	6	221.	6.9	13.6	12.6	12.2	12.3	6.5	6.4	.06	.89
19	2	89	7	221.	6.3	13.4	12.0	11.3	11.8	6.4	6.2	.00	.88
19	2	89	8	218.	6.9	13.0	12.4	12.3	13.4	6.3	6.2	.00	.86
19	2	89	9	222.	7.2	13.8	13.0	13.5	14.7	6.4	6.4	-.22	.79
19	2	89	10	242.	7.0	16.2	15.2	16.2	18.3	6.1	6.3	-.37	.82
19	2	89	11	232.	7.5	17.4	16.4	13.7	14.4	6.6	6.9	-.47	.74
19	2	89	12	240.	8.5	17.6	16.6	16.0	16.3	6.1	6.4	-.43	.73
19	2	89	13	250.	6.3	15.0	13.4	18.3	18.5	6.0	6.3	-.50	.77
19	2	89	14	240.	6.7	13.8	13.2	18.0	18.6	6.3	6.6	-.53	.71
19	2	89	15	240.	8.3	17.2	16.0	14.5	14.9	6.3	6.6	-.50	.69
19	2	89	16	242.	6.5	14.0	12.6	18.7	18.7	6.1	6.3	-.43	.69
19	2	89	17	274.	5.6	12.2	11.2	18.0	20.8	5.6	5.7	-.25	.68
19	2	89	18	277.	5.7	12.6	12.2	13.7	14.4	5.2	5.1	-.03	.68
19	2	89	19	281.	6.9	14.0	11.4	12.2	13.2	4.9	4.8	-.06	.71
19	2	89	20	276.	6.7	16.8	15.6	13.8	14.9	5.0	4.9	.06	.69
19	2	89	21	288.	8.0	17.2	16.4	15.5	16.0	5.4	5.3	-.03	.63
19	2	89	22	308.	6.9	15.6	14.6	14.9	20.4	4.4	4.3	-.06	.67
19	2	89	23	298.	3.8	7.6	7.4	10.7	14.1	3.4	3.1	.00	.77
19	2	89	24	301.	3.3	7.0	6.6	19.8	22.1	3.2	3.0	.06	.75
20	2	89	1	247.	2.9	5.4	5.2	15.4	26.8	2.8	2.3	.16	.72
20	2	89	2	131.	1.3	6.0	5.2	80.6	115.5	2.5	1.8	.12	.71
20	2	89	3	177.	1.8	3.6	3.4	13.8	17.8	2.1	1.6	.19	.72
20	2	89	4	184.	2.4	5.0	4.8	21.0	24.8	1.7	1.4	.00	.77
20	2	89	5	214.	2.8	5.8	5.4	13.0	15.2	1.8	1.7	-.03	.81
20	2	89	6	236.	3.0	4.8	4.6	8.2	14.3	2.0	1.8	.00	.83
20	2	89	7	269.	2.4	6.0	5.6	12.3	21.2	2.1	2.0	-.03	.82
20	2	89	8	299.	1.2	4.6	4.4	29.5	36.6	1.7	1.4	.06	.86
20	2	89	9	351.	.6	1.4	1.2	30.5	48.1	1.8	1.4	-.06	.86
20	2	89	10	291.	1.3	1.8	1.8	6.1	13.9	1.8	1.9	-.16	.84
20	2	89	11	298.	1.7	3.8	3.6	11.5	12.6	3.1	3.9	-.87	.77
20	2	89	12	284.	2.4	6.0	5.4	12.7	15.9	4.0	4.8	-.78	.70
20	2	89	13	301.	3.9	8.6	8.4	14.0	14.7	5.8	6.6	-.81	.56
20	2	89	14	292.	5.1	9.4	9.0	12.3	12.9	6.4	7.1	-.62	.50
20	2	89	15	280.	5.0	10.4	10.0	16.5	17.0	6.9	7.3	-.65	.46
20	2	89	16	288.	4.9	9.8	9.2	15.7	16.2	6.7	7.1	-.56	.44
20	2	89	17	294.	4.8	10.8	10.2	14.5	14.7	6.0	6.0	-.25	.45
20	2	89	18	276.	2.5	7.0	6.4	23.9	25.4	4.7	4.5	.00	.51
20	2	89	19	281.	3.7	7.6	7.2	16.2	16.5	4.1	4.0	.00	.53
20	2	89	20	273.	3.0	6.4	6.2	15.3	15.5	3.3	3.2	.06	.56
20	2	89	21	242.	1.7	5.2	4.8	24.0	28.4	2.6	2.3	.06	.60
20	2	89	22	215.	1.5	4.4	4.0	21.8	24.5	2.0	1.6	.06	.62
20	2	89	23	231.	1.7	5.2	4.6	45.6	46.5	1.2	.5	.22	.67
20	2	89	24	247.	1.3	3.8	3.4	52.2	55.8	.7	-.3	.25	.71
21	2	89	1	205.	1.2	4.8	4.4	43.8	61.4	.9	.3	.03	.71
21	2	89	2	205.	2.0	4.4	4.0	25.3	25.9	.7	.2	.12	.72
21	2	89	3	231.	1.5	4.0	3.8	37.3	44.2	.8	.1	.12	.73
21	2	89	4	259.	2.7	7.6	7.0	14.5	19.9	.8	.6	.03	.72
21	2	89	5	314.	2.0	6.4	6.2	28.6	32.9	.6	.4	.03	.75
21	2	89	6	238.	1.4	3.0	2.8	22.4	27.7	.0	-.5	.09	.78
21	2	89	7	240.	1.8	3.4	3.2	10.8	12.8	-.3	-.6	.12	.79
21	2	89	8	242.	2.4	4.2	4.2	13.6	16.0	-.3	-.6	.22	.78
21	2	89	9	260.	2.1	5.0	4.6	16.0	18.4	.9	1.0	-.47	.73
21	2	89	10	209.	2.0	4.8	4.4	13.7	16.2	2.9	3.6	-1.15	.69
21	2	89	11	205.	3.2	6.4	6.0	13.5	14.1	3.9	4.8	-.87	.64
21	2	89	12	231.	2.6	5.6	5.0	16.5	18.1	5.0	5.7	-.84	.59
21	2	89	13	212.	2.9	5.6	5.2	18.4	20.1	5.7	6.4	-.75	.56
21	2	89	14	242.	3.7	8.4	8.0	21.0	21.4	6.4	6.8	-.65	.51
21	2	89	15	250.	5.2	11.0	10.0	17.7	18.9	6.5	6.9	-.65	.48
21	2	89	16	257.	4.6	9.8	9.2	19.5	19.9	6.2	6.5	-.59	.48
21	2	89	17	257.	3.9	8.8	8.4	21.1	21.3	5.7	5.8	-.43	.48
21	2	89	18	288.	4.3	8.6	8.0	15.0	19.7	4.5	4.3	-.03	.51
21	2	89	19	281.	4.7	8.6	8.0	14.4	14.8	3.8	3.6	.00	.54
21	2	89	20	287.	2.8	7.6	7.0	23.1	26.1	3.3	3.1	.00	.55
21	2	89	21	274.	3.3	9.6	8.6	29.5	33.2	2.9	2.6	.03	.58
21	2	89	22	247.	1.4	4.6	4.2	29.6	43.2	2.0	1.3	.16	.62
21	2	89	23	240.	2.2	4.8	4.4	17.0	21.9	1.0	.7	.37	.64
21	2	89	24	238.	1.4	3.0	2.8	25.0	29.6	1.1	.6	.22	.65

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	2	89	1	271.	2.1	5.6	4.8	13.8	22.9	.8	.4	.16	.64
22	2	89	2	322.	2.2	4.4	4.2	16.3	28.4	.9	.5	.06	.66
22	2	89	3	304.	2.9	4.6	4.0	9.3	14.8	.2	-.3	.43	.69
22	2	89	4	221.	2.2	4.6	4.4	23.1	66.0	-.3	-1.0	.53	.73
22	2	89	5	246.	1.5	3.2	2.8	14.2	17.1	.0	-.2	.19	.68
22	2	89	6	201.	1.3	3.4	3.2	27.9	67.9	.2	-.8	.59	.71
22	2	89	7	174.	1.5	3.6	3.4	33.9	36.0	-.3	-.7	.22	.73
22	2	89	8	101.	.6	1.6	1.6	48.9	72.5	.0	-.8	.25	.75
22	2	89	9	118.	2.0	3.0	2.8	5.3	9.6	.3	.3	-.06	.74
22	2	89	10	121.	1.6	2.8	2.6	9.8	12.1	1.1	1.4	-.25	.73
22	2	89	11	159.	1.3	2.6	2.4	15.5	24.7	.7	1.0	-.06	.82
22	2	89	12	141.	.4	1.8	1.8	24.7	27.9	1.4	1.8	-.16	.90
22	2	89	13	118.	1.2	2.8	2.6	18.5	24.6	2.1	2.6	-.25	.90
22	2	89	14	167.	2.1	5.0	4.8	13.6	20.9	2.6	2.9	-.19	.91
22	2	89	15	184.	4.2	8.2	7.8	14.2	15.5	3.7	3.9	-.12	.90
22	2	89	16	170.	5.3	10.4	9.6	14.1	14.4	3.7	3.9	-.12	.88
22	2	89	17	173.	5.7	13.4	12.8	14.3	14.5	3.6	3.7	-.09	.87
22	2	89	18	177.	6.0	13.6	12.2	13.9	14.8	3.5	3.5	-.09	.88
22	2	89	19	197.	6.7	12.8	12.4	13.9	16.0	3.2	3.2	-.09	.86
22	2	89	20	179.	4.9	12.4	11.8	12.7	13.8	2.4	2.3	-.06	.85
22	2	89	21	180.	6.7	13.6	13.0	14.3	15.1	2.7	2.7	-.06	.83
22	2	89	22	173.	5.4	10.2	9.8	14.8	15.1	1.6	1.7	-.12	.92
22	2	89	23	172.	5.6	10.6	10.2	12.8	12.9	1.8	1.9	-.09	.93
22	2	89	24	180.	5.2	10.2	9.4	13.8	14.0	2.5	2.6	-.06	.93
23	2	89	1	197.	4.7	10.8	10.4	13.6	14.4	3.1	3.2	-.06	.94
23	2	89	2	183.	2.5	5.8	5.6	13.1	14.9	3.2	3.1	-.03	.93
23	2	89	3	215.	1.9	4.2	4.0	11.9	22.2	2.9	2.6	.03	.92
23	2	89	4	193.	1.9	4.2	4.0	9.5	12.7	2.6	2.4	.03	.93
23	2	89	5	204.	2.8	7.8	7.2	13.8	15.0	2.2	2.0	.00	.89
23	2	89	6	202.	2.5	5.2	5.0	9.8	13.8	1.3	1.0	.00	.88
23	2	89	7	200.	2.4	5.0	4.8	14.4	17.5	.6	.2	.16	.88
23	2	89	8	202.	2.5	5.0	4.8	11.7	13.7	.5	.1	.19	.87
23	2	89	9	200.	2.1	4.6	4.2	12.4	16.9	1.3	1.6	-.28	.84
23	2	89	10	162.	1.2	3.2	3.0	24.2	30.9	3.1	4.0	-.81	.79
23	2	89	11	207.	2.2	5.6	5.2	17.6	21.6	3.6	4.5	-.50	.78
23	2	89	12	224.	3.8	8.6	8.4	15.7	15.9	3.8	4.2	-.62	.75
23	2	89	13	225.	4.9	10.4	9.8	16.5	17.2	3.6	4.0	-.50	.73
23	2	89	14	207.	4.3	9.2	8.6	16.0	16.5	3.2	3.8	-.53	.73
23	2	89	15	198.	4.5	11.6	10.6	16.5	18.8	3.1	3.4	-.34	.73
23	2	89	16	229.	3.9	8.8	8.2	15.4	18.7	2.7	3.0	-.43	.75
23	2	89	17	198.	4.2	10.8	10.0	15.8	18.7	1.7	1.8	-.19	.78
23	2	89	18	184.	3.5	6.8	6.6	14.7	15.8	.8	.7	-.09	.82
23	2	89	19	180.	3.1	8.8	7.8	15.0	17.2	.7	.7	-.09	.85
23	2	89	20	183.	2.8	6.2	5.8	15.1	17.4	.4	.3	-.06	.86
23	2	89	21	160.	2.3	5.2	4.8	14.9	16.7	.2	-.1	.00	.86
23	2	89	22	187.	2.6	6.4	6.0	14.5	20.3	.2	.1	.00	.85
23	2	89	23	201.	3.3	6.8	6.4	15.2	16.5	.5	.4	-.03	.83
23	2	89	24	176.	2.4	6.0	5.6	18.7	27.1	.4	.2	.03	.83
24	2	89	1	188.	2.5	6.6	6.4	13.4	16.9	.5	.4	-.03	.83
24	2	89	2	170.	3.1	6.2	6.0	12.5	13.9	.3	.2	-.06	.87
24	2	89	3	156.	2.2	4.2	3.8	9.7	18.2	-.1	-.6	.09	.88
24	2	89	4	195.	1.9	3.8	3.6	10.6	19.7	-.2	-.8	.31	.88
24	2	89	5	208.	1.7	3.6	3.4	13.3	14.7	.1	-.3	.09	.88
24	2	89	6	173.	1.9	4.4	3.8	14.3	18.1	.1	-.4	.06	.88
24	2	89	7	207.	1.3	2.4	2.2	14.2	17.0	-.6	-.8	-.03	.87
24	2	89	8	181.	1.3	4.0	3.8	31.9	36.0	-.7	-.9	-.03	.87
24	2	89	9	114.	.8	3.0	2.6	72.5	83.1	.6	1.0	-.53	.86
24	2	89	10	159.	1.5	3.8	3.6	22.5	27.1	.6	1.1	-.34	.82
24	2	89	11	197.	2.6	5.8	5.6	15.8	18.0	2.0	2.8	-.62	.77
24	2	89	12	180.	1.6	4.0	3.6	35.8	37.4	2.8	3.6	-.65	.74
24	2	89	13	170.	1.9	4.0	4.0	18.3	23.2	2.6	3.1	-.34	.74
24	2	89	14	122.	2.2	4.0	3.8	16.2	21.7	2.6	2.9	-.28	.79
24	2	89	15	105.	2.5	4.8	4.4	11.5	14.3	2.1	2.2	-.19	.85
24	2	89	16	112.	2.5	5.6	5.2	12.8	16.8	1.3	1.3	-.09	.90
24	2	89	17	112.	2.9	5.6	5.4	12.4	16.8	.7	.8	-.09	.90
24	2	89	18	46.	1.9	3.6	3.4	9.8	24.1	.1	.2	-.09	.90
24	2	89	19	246.	.6	2.0	1.8	38.6	54.1	.2	.3	.00	.90
24	2	89	20	127.	1.1	2.4	2.2	32.9	66.2	.2	.2	.09	.90
24	2	89	21	127.	1.6	3.0	2.8	6.0	7.3	.3	.2	.19	.90
24	2	89	22	118.	1.4	2.2	2.0	8.1	19.3	.2	-.2	.25	.89
24	2	89	23	69.	1.6	2.4	2.2	6.7	11.6	.2	-.1	.31	.89
24	2	89	24	98.	1.5	2.8	2.6	7.8	13.5	.4	.3	.31	.90

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	2	89	1	97.	2.1	3.2	3.0	5.6	9.2	.7	.5	.31	.90
25	2	89	2	93.	2.5	4.0	4.0	5.3	8.2	1.2	.9	.28	.90
25	2	89	3	90.	2.6	4.4	4.2	7.4	12.1	1.2	.9	.19	.90
25	2	89	4	65.	1.8	4.6	4.4	14.0	22.5	.9	.8	.03	.90
25	2	89	5	73.	3.5	7.2	6.8	12.8	13.5	1.0	1.0	.00	.90
25	2	89	6	63.	4.2	8.0	7.6	14.9	15.6	.9	.8	-.03	.89
25	2	89	7	63.	5.1	10.6	10.0	15.6	15.8	.6	.6	-.03	.85
25	2	89	8	60.	7.2	13.4	13.0	14.7	15.2	.5	.6	-.06	.81
25	2	89	9	72.	7.0	15.4	14.6	18.0	19.0	.2	.3	-.19	.84
25	2	89	10	79.	5.7	11.6	11.2	16.6	16.8	-.1	.1	-.19	.88
25	2	89	11	90.	5.3	11.8	11.0	16.2	16.8	.1	.2	-.22	.89
25	2	89	12	93.	5.2	11.6	10.6	14.9	15.2	.2	.4	-.28	.89
25	2	89	13	100.	3.3	6.6	6.2	14.7	15.2	.2	.3	-.19	.89
25	2	89	14	94.	2.9	6.0	5.4	13.9	14.0	.2	.3	-.16	.89
25	2	89	15	96.	3.3	6.0	5.8	11.7	11.8	.2	.3	-.16	.89
25	2	89	16	90.	3.4	6.6	6.4	12.5	12.8	.4	.5	-.12	.89
25	2	89	17	91.	2.8	5.4	5.4	12.5	12.7	.4	.4	-.06	.90
25	2	89	18	76.	2.2	4.4	4.2	10.7	12.9	.2	.3	-.03	.89
25	2	89	19	100.	2.8	5.6	5.2	12.9	14.9	.6	.7	-.03	.90
25	2	89	20	112.	4.1	7.0	6.6	11.9	15.8	1.8	1.8	.09	.91
25	2	89	21	167.	3.4	9.4	8.0	16.6	20.5	3.2	3.1	.06	.93
25	2	89	22	152.	1.9	3.8	3.6	11.4	12.1	3.4	3.2	.03	.93
25	2	89	23	120.	2.5	4.6	4.4	9.4	10.1	3.3	3.1	.06	.93
25	2	89	24	120.	2.7	4.2	4.0	8.3	9.1	3.2	3.1	.03	.93
26	2	89	1	70.	2.0	4.0	3.8	7.6	11.7	3.0	2.9	.03	.93
26	2	89	2	60.	2.9	5.2	5.0	9.1	10.5	2.6	2.6	.03	.92
26	2	89	3	52.	3.5	6.4	6.0	11.3	12.1	2.2	2.3	-.09	.92
26	2	89	4	59.	4.0	6.8	6.4	13.6	15.2	1.9	2.0	-.09	.92
26	2	89	5	46.	2.7	6.8	6.2	17.4	19.0	1.7	1.7	-.06	.91
26	2	89	6	31.	3.5	10.0	9.8	21.9	23.4	1.4	1.3	-.09	.90
26	2	89	7	1.	3.6	7.8	7.6	15.7	17.8	1.3	1.0	-.09	.89
26	2	89	8	11.	3.7	8.0	7.4	17.2	18.2	1.2	1.2	-.09	.90
26	2	89	9	35.	6.1	12.6	11.8	16.6	17.7	1.3	1.3	-.06	.89
26	2	89	10	59.	5.7	13.6	12.6	21.8	23.1	1.4	1.4	-.09	.88
26	2	89	11	83.	6.1	12.8	12.2	19.2	20.0	1.7	1.7	-.09	.88
26	2	89	12	77.	6.9	13.2	12.6	16.6	17.7	2.2	2.2	-.09	.90
26	2	89	13	72.	5.3	11.4	11.0	21.8	22.7	2.6	2.6	-.06	.92
26	2	89	14	70.	5.7	10.8	10.0	15.2	15.3	2.8	2.8	-.06	.92
26	2	89	15	79.	4.7	10.2	9.4	15.5	15.7	2.9	2.9	-.06	.92
26	2	89	16	100.	4.8	10.0	9.4	14.7	16.9	3.0	3.0	-.03	.92
26	2	89	17	77.	4.4	8.6	8.4	16.2	16.8	3.1	3.1	-.06	.93
26	2	89	18	70.	3.7	7.6	7.2	13.7	14.5	3.2	3.3	-.03	.93
26	2	89	19	70.	3.0	5.6	5.0	13.8	14.5	3.3	3.3	-.06	.93
26	2	89	20	76.	3.0	6.2	6.0	13.3	13.7	3.2	3.3	-.06	.93
26	2	89	21	60.	1.9	3.8	3.6	10.6	15.1	3.2	3.2	-.03	.93
26	2	89	22	38.	3.2	6.0	5.6	11.7	14.5	3.1	3.0	.00	.93
26	2	89	23	35.	4.3	7.4	6.8	12.2	12.4	2.2	2.2	-.03	.92
26	2	89	24	37.	3.5	6.2	5.8	12.6	12.6	1.7	1.8	-.03	.90
27	2	89	1	25.	2.8	5.6	5.2	11.9	12.4	1.5	1.5	-.03	.90
27	2	89	2	318.	1.4	3.2	3.0	12.1	22.3	1.2	1.1	-.09	.89
27	2	89	3	291.	2.1	3.2	3.2	7.0	8.7	.3	.5	-.09	.89
27	2	89	4	305.	1.4	2.4	2.4	6.9	11.0	.2	.3	-.06	.89
27	2	89	5	271.	.9	2.0	1.8	6.4	10.2	.2	.3	-.06	.89
27	2	89	6	229.	.6	1.4	1.2	4.2	12.5	.2	.3	-.03	.89
27	2	89	7	55.	.9	1.8	1.6	37.5	69.2	.2	.3	.00	.89
27	2	89	8	62.	.4	1.8	1.6	37.3	126.3	.2	.2	.06	.89
27	2	89	9	142.	.4	1.8	1.6	47.7	97.0	.4	.5	.19	.89
27	2	89	10	117.	.5	2.0	1.8	20.7	26.3	.6	.8	-.03	.90
27	2	89	11	107.	.8	1.6	1.4	10.8	15.1	1.3	1.5	-.25	.91
27	2	89	12	132.	.5	1.4	1.4	22.9	28.4	2.7	3.1	-.31	.92
27	2	89	13	80.	.3	1.6	1.4	33.2	41.7	2.9	3.1	-.19	.91
27	2	89	14	117.	.4	1.4	1.4	52.0	84.2	4.5	4.8	-.81	.88
27	2	89	15	100.	1.4	3.0	2.8	11.1	18.1	3.6	3.8	-.31	.91
27	2	89	16	120.	1.1	2.6	2.4	13.2	15.3	3.9	4.1	-.37	.91
27	2	89	17	122.	1.8	3.2	3.0	8.0	10.3	3.3	3.3	-.16	.92
27	2	89	18	111.	1.9	4.6	4.4	8.1	11.8	2.9	2.8	.00	.92
27	2	89	19	117.	1.8	3.0	2.8	8.9	13.3	2.3	2.1	.12	.92
27	2	89	20	127.	2.0	3.2	3.0	5.8	8.9	2.3	2.2	.16	.92
27	2	89	21	138.	1.6	3.4	3.2	13.0	19.4	2.5	2.4	.06	.92
27	2	89	22	87.	2.1	3.2	3.0	7.2	16.0	2.5	2.3	.06	.92
27	2	89	23	114.	2.5	4.2	3.8	6.3	11.6	2.3	2.2	.06	.92
27	2	89	24	120.	2.8	5.6	5.4	8.6	10.5	2.3	2.2	.03	.92

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	2	89	1	103.	2.3	4.4	4.0	7.4	9.5	2.2	2.2	-.03	.92
28	2	89	2	97.	2.5	3.8	3.6	6.6	8.9	2.2	2.1	.00	.92
28	2	89	3	111.	2.3	4.2	4.0	10.5	13.3	2.3	2.2	.03	.92
28	2	89	4	97.	2.5	3.4	3.2	6.1	9.8	2.2	2.2	.09	.92
28	2	89	5	75.	2.4	4.2	4.0	7.7	10.6	2.3	2.2	.09	.92
28	2	89	6	91.	3.1	6.0	5.6	10.4	14.3	1.9	1.9	-.06	.91
28	2	89	7	100.	3.0	5.0	4.6	9.1	9.9	1.8	1.8	.00	.91
28	2	89	8	87.	3.1	4.8	4.4	8.7	11.2	2.0	2.0	-.03	.91
28	2	89	9	104.	2.2	4.2	4.0	12.4	15.5	2.2	2.2	-.09	.91
28	2	89	10	63.	2.5	4.0	3.8	8.4	14.6	2.6	2.7	-.19	.90
28	2	89	11	70.	2.9	4.8	4.6	10.9	13.8	2.4	2.5	-.16	.90
28	2	89	12	75.	2.8	6.0	5.6	12.2	12.7	2.7	2.8	-.16	.91
28	2	89	13	67.	3.2	5.6	5.2	11.2	15.1	2.6	2.7	-.16	.91
28	2	89	14	94.	2.9	5.6	5.4	11.1	12.6	2.6	2.6	-.12	.92
28	2	89	15	84.	3.1	5.4	5.0	11.3	12.0	2.6	2.7	-.09	.92
28	2	89	16	60.	2.7	4.8	4.6	9.4	16.0	2.9	2.9	-.09	.92
28	2	89	17	70.	3.0	6.6	6.2	8.7	13.5	2.2	2.2	-.12	.91
28	2	89	18	15.	2.3	4.2	3.8	12.9	17.9	1.6	1.7	-.03	.90
28	2	89	19	330.	1.3	3.0	2.8	16.2	25.5	1.7	1.7	-.06	.90
28	2	89	20	354.	2.0	3.8	3.4	6.7	18.4	1.7	1.7	-.03	.90
28	2	89	21	314.	1.8	3.0	2.8	16.0	22.2	1.5	1.5	-.06	.90
28	2	89	22	318.	1.6	3.2	3.0	36.4	46.0	1.3	1.3	-.06	.90
28	2	89	23	271.	.8	2.2	2.0	12.1	20.8	1.4	1.3	.00	.91
28	2	89	24	197.	.1	1.0	.8	55.7	96.5	1.5	1.4	.03	.91
MANGLER(ANT)				0	0	0	0	0	0	0	0	0	0
MANGLER(%)				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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TITTEL
Meteorologiske data fra nedre Telemark, vinteren 1988/89.

PROSJEKTLEDER
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NILU PROSJEKT NR.
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Kari Hoem

TILGJENGELIGHET
A

OPPDRAGSGIVERS REF.

OPPDRAGSGIVER (NAVN OG ADRESSE)
Statens forurensningstilsyn, Kontrollseksjonen nedre Telemark
Postboks 402
3701 Skien

3 STIKKORD (à maks. 20 anslag)
Meteorologiske data | Statistisk bearb.

REFERAT (maks. 300 anslag, 7 linjer)
En statistisk bearbeiding av meteorologiske data fra Ås i perioden 01.12.88-28.02.89 viser at det blåste oftere fra sektorene fra sør til vest enn hva som har vært vanlig tidligere. Dette førte til en mild vinter. Gjennomsnittlig vindstyrke på 3,4 m/s var 0,4 m/s høyere enn normalt. Februar (3,9 m/s) lå hele 1,3 m/s over tiårsnormalen. Den totale stabilitetsfordelingen var normal, men stabilitetsfordelingen på vindsektorene viste en økt frekvens av stabile tilfeller ved vind fra sektorene fra sør til vest. Januar (4,1 °C) og februar (3,6 °C) var de varmeste januar og februar månedene som har vært registrert ved Ås.

TITLE
Meteorological data from nedre Telemark, winter 1988/89.

ABSTRACT (max. 300 characters, 7 lines)
A statistical evaluation of meteorological data from Ås during winter 1988/89 shows that winds from south to west appeared more often than earlier. As a result of that it was a very warm winter. January 1989 with a mean temperature of 4.1 °C, was 8.9 °C warmer than normal and February 1989 (3.6 °C) was 7.4 °C warmer than normal. Stable and light stable cases were observed in about 48% of the time (as normal).

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