NILU OR: 73/90

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Meteorologiske data fra Nedre Telemark, vinteren 1989/90

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SAMMENDRAG

På oppdrag fra Statens forurensningstilsyn (SFT) er det foretatt en bearbeiding av de meteorologiske målingene fra Ås i nedre Telemark for perioden 01.12.89-28.02.90.

Vinteren 1989/90 var veldig spesiell. Frekvensen av vinder fra sektorene sør til vest var på hele 43,3%, mens gjennomsnittet for de ti siste vinterperiodene ga en frekvens på 22,9%. Vinteren 1989/90 blåste det oftest fra sør og nord-nordvest (i begge retninger blåste det 14,9% av tiden), mens hovedvindretningen for de ti siste vinterperiodene var nord-nordvest (24%). Gjennomsnittlig vindstyrke på 3,4 m/s var 0,4 m/s høyere enn tiårsnormalen. Februar med en gjennomsnittlig vindstyrke på 4,1 m/s lå hele 1,3 m/s over tiårsnormalen.

Fordelingen av stabilitetsklassene ga 35,8 lett stabil + stabil temperatursjiktning. Dette er 12,2% mindre enn tiårsnormalen. Fordelingen på vindretningene avvek også noe fra gjennomsnittet de ti siste årene. For tiårsnormalen var de fleste stabile + lett stabile tilfellene fordelt på vindsektorene vest-nordvest og nord-nordvest, mens de for vinteren 1989/90 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 1989/90 var veldig mild, februar (4,1^{0}C) var den varmeste februarmåneden som har vært registrert ved Ås siden målingene startet. Middeltemperaturen for desember var 0,6^{0}C varmere, januar var hele 5,7^{0}C varmere og februar var hele 7,1^{0}C varmere enn gjennomsnittet for de ti siste årene.

INNHOLD

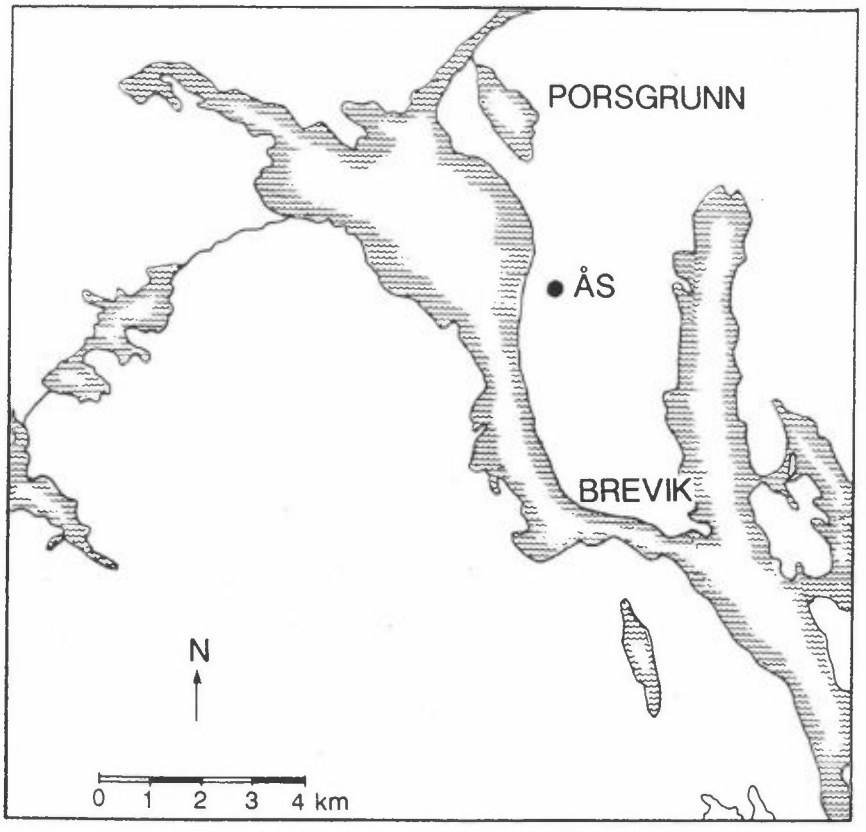
METEOROLOGISKE DATA FRA NEDRE TELEMARK, VINTEREN 1989/90

1 INNLEDNING

Denne presentasjonen av meteorologiske data fra nedre Telemark i perioden 01.12.89-28.02.90 (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

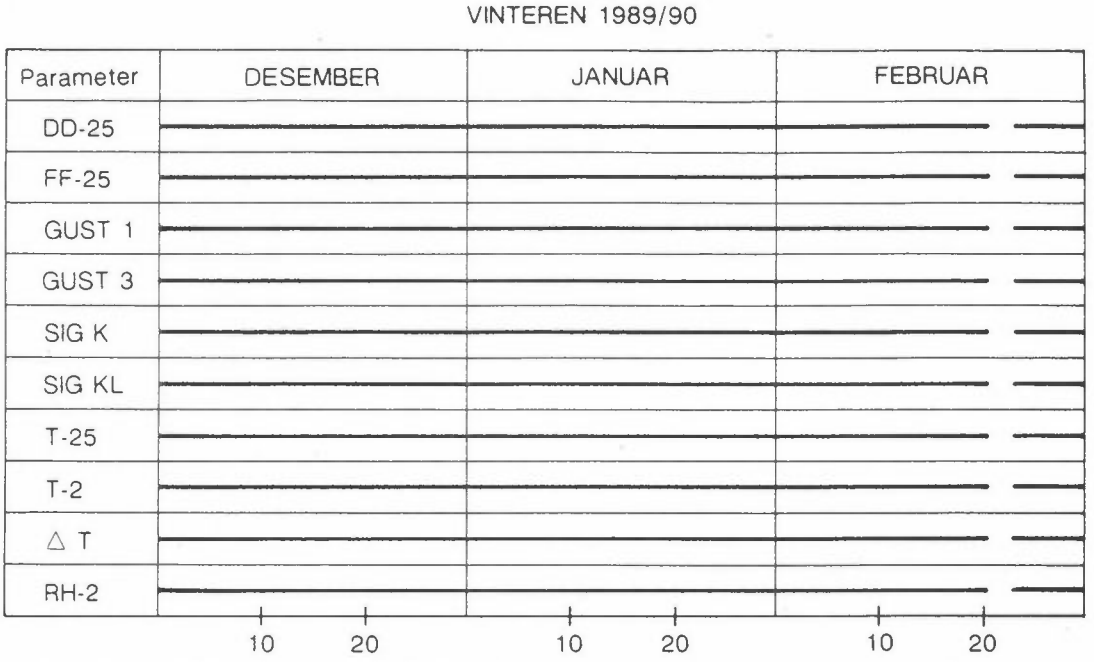
Figur 2 viser datatilgjengeligheten for de ulike meteorologiske parametere på Ås vinteren 1989/90.

Datatilgjengeligheten var følgende:

DD-25, SIGK, SIGKL, T-25, T-2, DT, RH-2: 97,1%
FF-25, GUST1, GUST3 : 96,8%

Manglende data i slutten av februar skyldes feil i modemet på Ås.

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

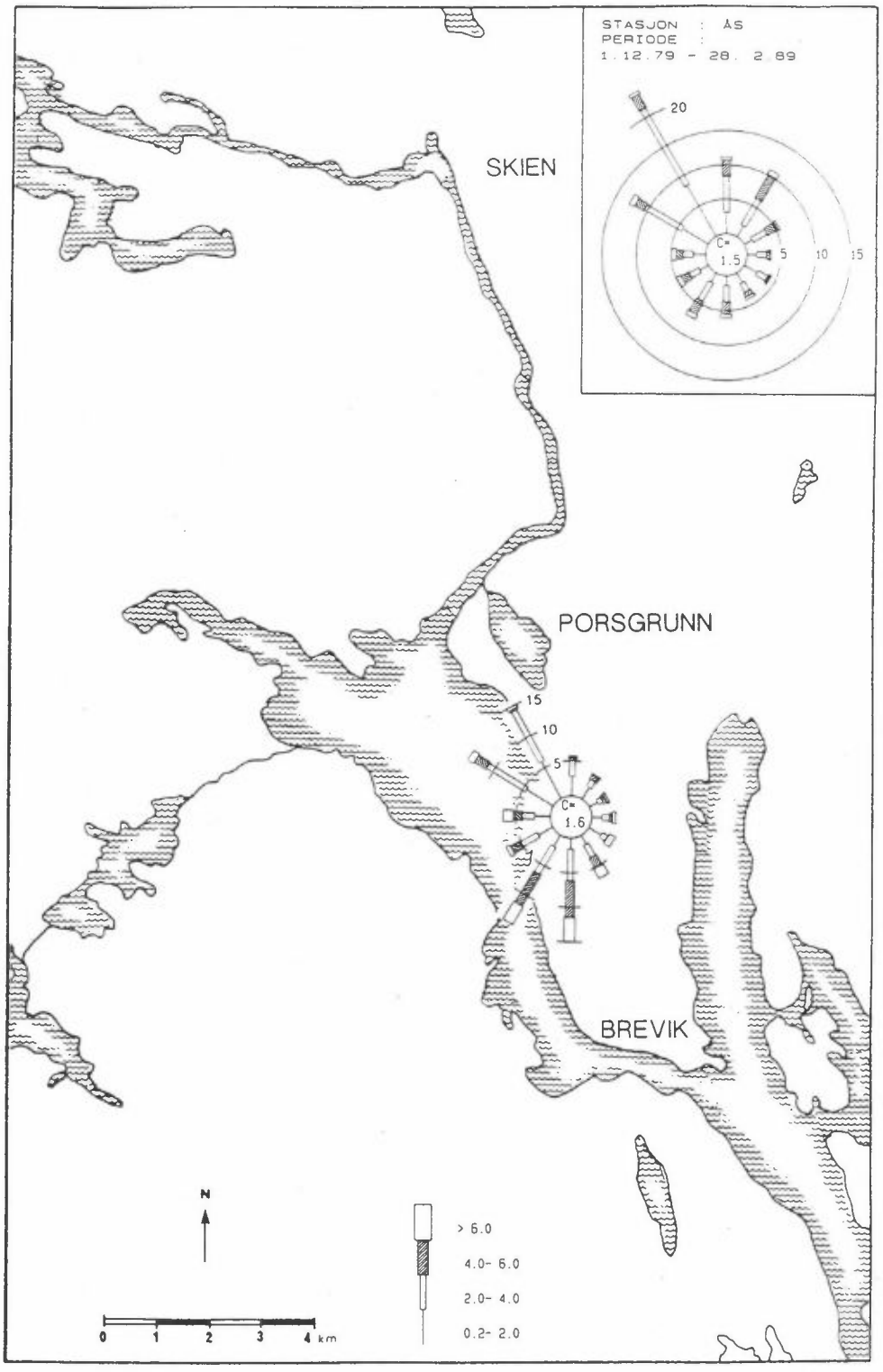
4.1 VINDRETNING

Vindrose fra Ås for vinteren 1989/90 er vist i figur 3 sammen med rosen for de ti vinterperiodene 1979/80-1988/89.

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

Vinteren 1989/90 var veldig spesiell. Frekvensen av vinder fra sektorene sør til vest var på hele 43,3%, mens gjennomsnittet for de ti siste vinterperiodene ga en frekvens på 22,9%.

Vinteren 1989/90 blåste det oftest fra sør og nord-nordvest (i begge retninger blåste det 14,9% av tiden), mens vindretningsfordelingen for de ti siste vinterperiodene ga hovedvindretning nord-nordvest (24%). Dominerende vindretning var i desember nord-nordvest og i januar og februar var den sør.

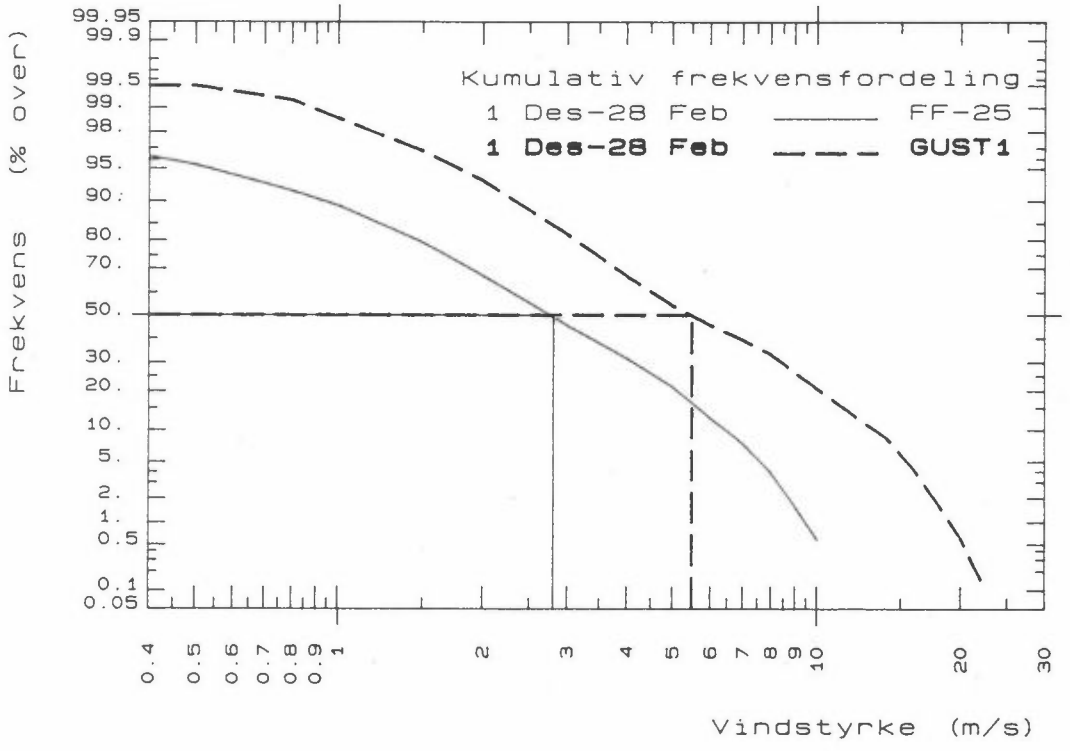


Figur 3: Vindroser (frekvens av vind i % i 12 sektorer) for vinteren 1989/90 og for vinterperiodene 1979/80-1988/89.
C = vindstillefrekvens.

4.2 VINDSTYRKE

Middelvindstyrken for vinteren 1989/90 (3,4 m/s) var 0,4 m/s høyere enn gjennomsnittet for vinterperiodene 1979/80-1988/89. Gjennomsnittlige vindstyrker var for desember 2,6 m/s, januar 3,5 m/s og februar 4,1 m/s. Den gjennomsnittlige vindstyrken for desember lå 0,4 m/s under tiårsnormalen, mens januar lå 0,2 m/s over. Februar med en gjennomsnittlig vindstyrke på 4,1 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 13,1% av tiden (gjennomsnittet for de ti siste vinterperiodene var 5,9%). Svake vinder, mindre enn 2 m/s, forekom i 29,2% av tiden. I gjennomsnitt blåste det svakest ved vind fra nord (2,1 m/s), og kraftigst blåste det fra sør (4,7 m/s). Middelvindstyrken for vinteren 1989/90 var 3,4 m/s, mens 50 prosentilen var 2,8 m/s.

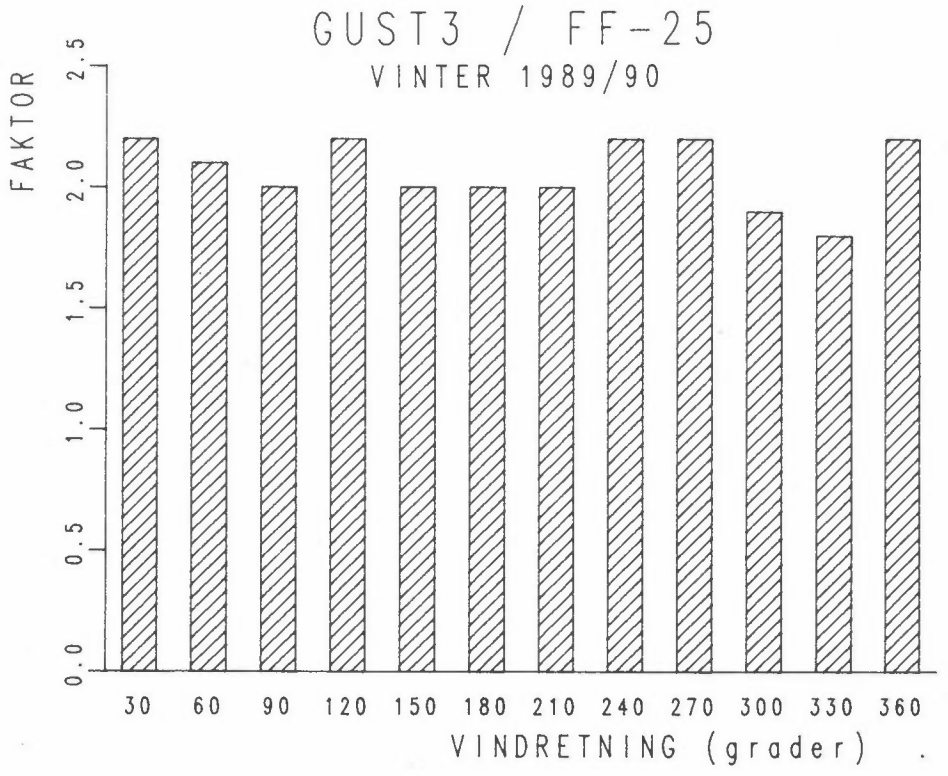


Figur 4: Kumulativ frekvensfordeling av vindstyrke og 1 sekunds gust ved Ås vinteren 1989/90. Figuren viser frekvens av vindstyrke større enn verdiene angitt på x-aksen.

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 1989/90.

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 1989/90 var 2,1, og forholdet var størst ved vind fra nord, nordøst og sørøst med faktor 2,2. Den laveste verdien (1,8) ble registrert ved vind fra 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 de vindsektorene som hadde høyest vindfrekvens. Vindfrekvensene var lave i de vindsektorene som hadde høyest GUST3/FF-25 (se figur 3 og 5).



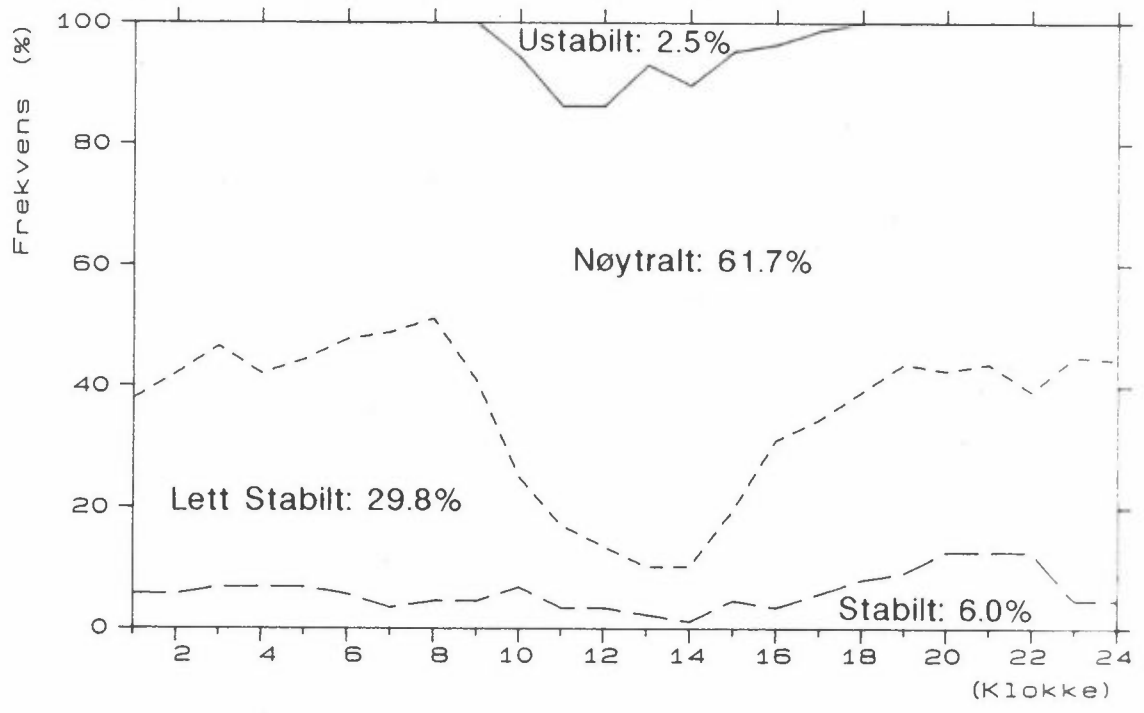
Figur 5: Forholdet mellom 3 sekunds gust (GUST3) og timesmidlet vindstyrke (FF-25) ved de ulike vindretningene, vinteren 1989/90.

Det kraftigste vindkastet ble registrert 17. januar kl 24, og var 29,8 m/s for GUST1 og 28,6 m/s for GUST3. Middelvindstyrken for denne timen var 11,3 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 01.12.89-28.02.90.

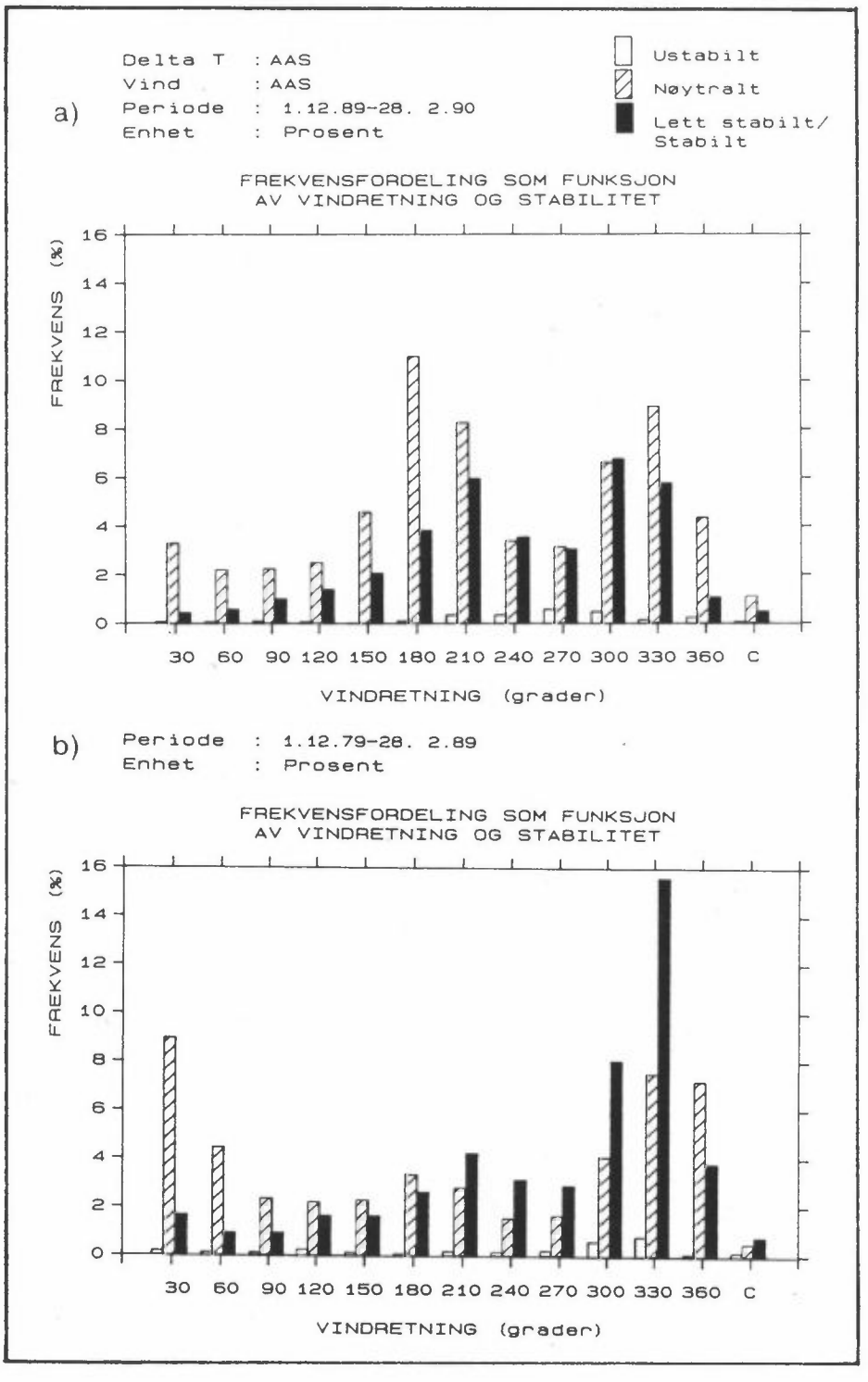
Vinteren 1989/90 var det 6,0% stabil, 29,8% lett stabil, 61,7% nøytral og 2,5% ustabil temperatursjiktning. Denne fordelingen gir langt flere tilfeller av nøytral sjiktning enn gjennomsnittet for de ti siste årene, mens det var færre tilfeller av stabil, lett stabil og ustabil.

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 1989/90 og vinterperiodene 1979/80-1988/89. 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 1989/90 oftest forekom ved vind fra vest-nordvest. Tabell A6a viser at vindstyrken da var lavere enn 4 m/s. Dette representerer vanligvis de stabile nattsituasjonene. Vinterperiodene 1979/80-88/89 hadde de fleste stabile tilfellene ved vind fra sektoren nord-nordvest.

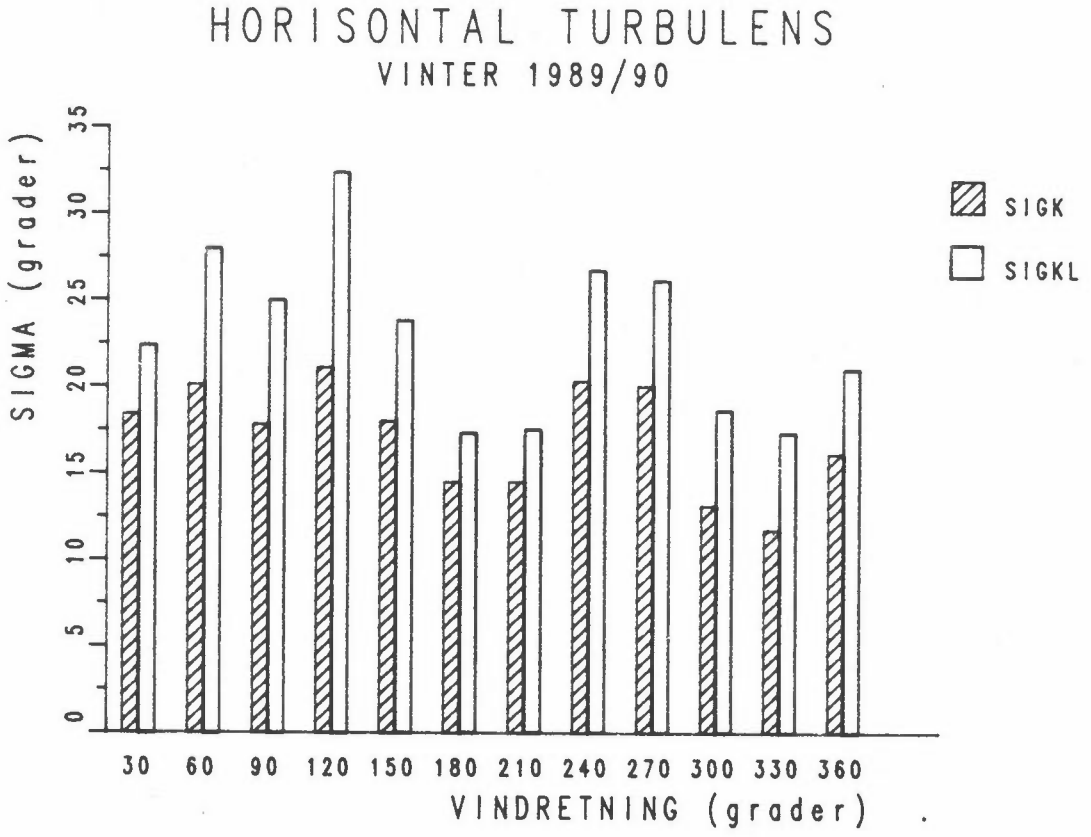


Figur 7: Frekvens av ustabil, nøytral og stabil (lett stabil + stabil) sjiktning som funksjon av vindretningen ved Ås.
a) vinteren 1989/90
b) vinterperiodene 1979/80-1988/89

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 $\sigma_\theta$er høyest ved vindstyrke mindre enn 4 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.

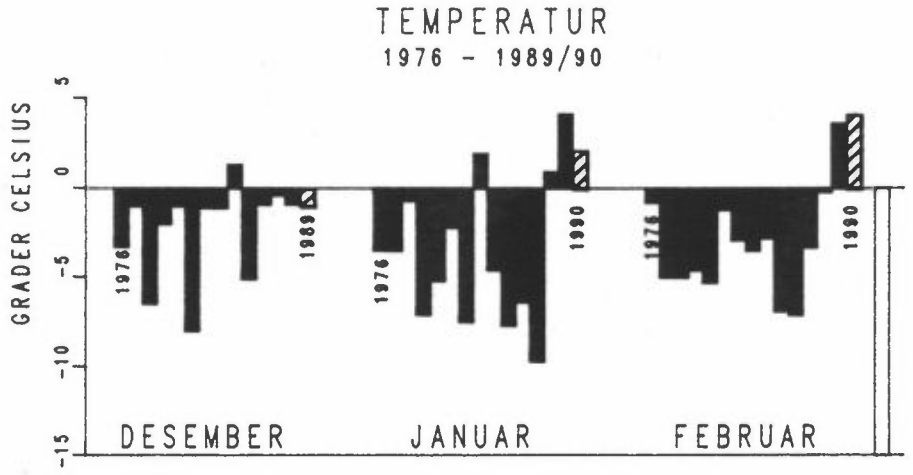


Figur 8: Midlere verdier av horisontal turbulens (σ_θ) (i grader som 5 minutters middel (SIGK) og timesmiddel (SIGKL)) som funksjon av vindretningen, vinteren 1989/90.

Figur 8 viser at σ_θ var lavest ved vind fra vest-nordvest og 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 1989/90. Januar og februar 1990 var den varmeste februar måneden i løpet av disse årene.



Figur 9: Månedsvis middeltemperatur for vintermånedene 1976-1989/90 i ^{0}C.

Tabell 1 viser månedsvis middeltemperatur for vinteren 1989/90 sammenlignet med tiårsnormalen for hver måned. Vinteren 1989/90 var veldig mild. Temperaturen for alle tre vintermånedene 1989/90 var høyere enn gjennomsnittet de ti siste årene. Desember var 0,6^{0}C varmere, januar var 5,7^{0}C varmere og februar var hele 7,1^{0}C varmere enn tiårsnormalen.

Den høyeste temperaturen ble målt den 06.02.90 kl 14 til 11,8^{0}C. Den laveste temperaturen ble målt den 15.12.89 kl 09 til -14,8^{0}C.

Tabell 1: Månedsvis middeltemperatur for vinteren 1989/90 og middel for de ti siste årene for de respektive månedene i ^{0}C.

	TEMPERATUR 2 m o.b. (^{0}C)	
Måned	1989/90	10 års normal
Desember	-1,3	-1,9 (1979-88)
Januar	2,1	-3,6 (1980-89)
Februar	4,1	-3,0 (1980-89)

Fullstendig månedsvis temperaturstatistikk for perioden 01.12.89-28.02.90 finnes i tabell A9.

9 RELATIV FUKTIGHET

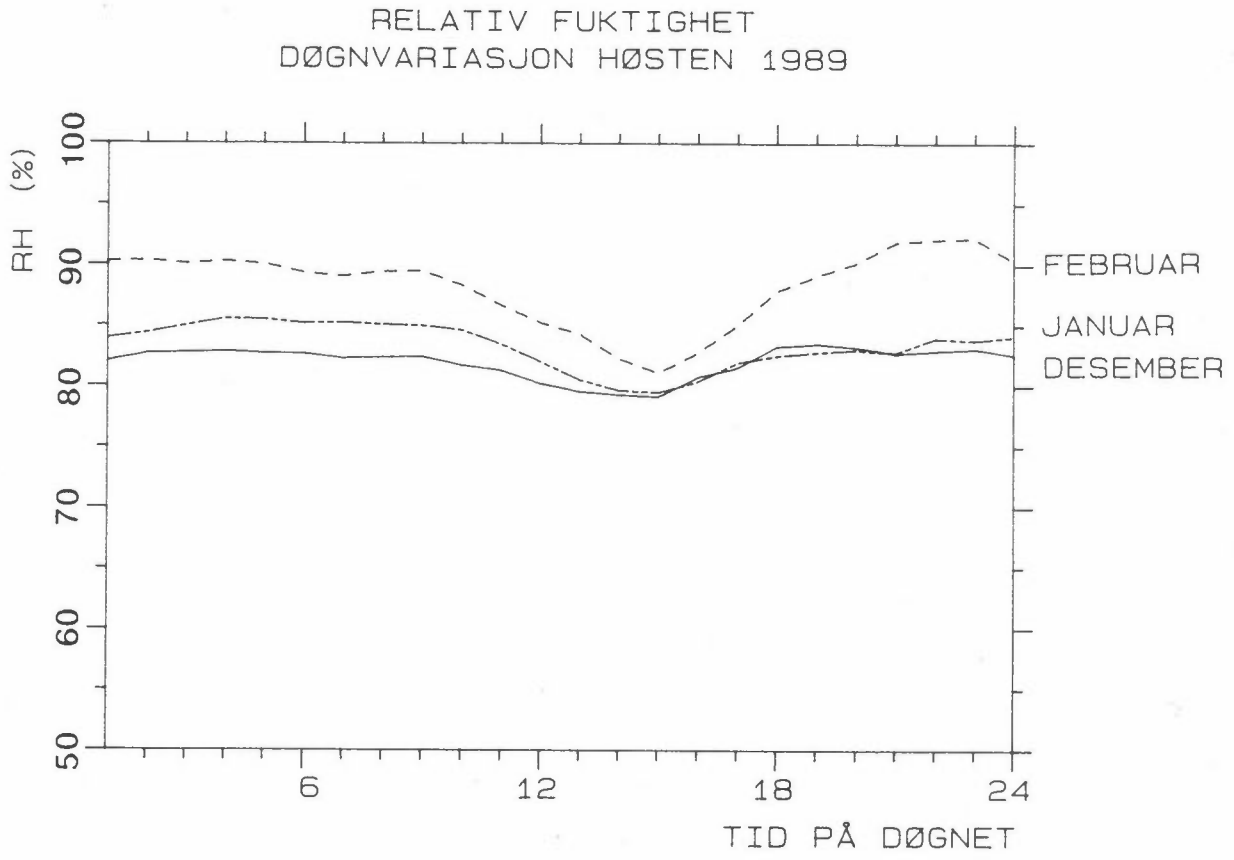
Tabell 2 viser månedsvis midlere relativ fuktighet for vinteren 1989/90 sammenlignet med tiårsnormalen for hver måned.

Tabell 2: Månedsvis midlere relativ fuktighet for vinteren 1989/90 og middelverdier for de ti siste årene for de respektive månedene i prosent.

	RELATIV FUKTIGHET 2 m o.b.(%)	
Måned	1989/90	10 års normal
Desember	82	81 (1979-1988)
Januar	83	78 (1980-1989)
Februar	88	79 (1980-1989)

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 størst variasjon. I desember varierte fuktigheten i gjennomsnitt fra 81% om dagen til 84% om

kvelden. I januar varierte fuktigheten fra 81% om dagen til 86% om morgenen, og i februar fra 83% om dagen til 93% om kvelden.



Figur 10: Døgnfordeling av relativ fuktighet (%) for desember 1989, januar og februar 1990.

Fullstendig statistisk fordeling av den relative fuktigheten for vinteren 1989/90 finnes i tabell A10.

10 REFERANSER

Arnesen, K., Friberg, A.G., Sivertsen, B., Skaug, K., Hoem, K. og Gustavsen, G.W. (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

Ref. forts.:

Periode:		Rapport nr.
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
Vinteren	1988-89	OR 74/89
Våren	1889	OR 5/90
Sommeren	1989	OR 71/90
Høsten	1989	OR 72/90

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 1989/90.

Stasjon : AAS
Periode : 01.12.89 - 28.02.90

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	3.4	2.3	2.3	3.4	1.1	5.7	7.1	1.1	3.8
60	3.4	2.3	6.8	2.3	3.4	2.3	.0	2.3	2.8
90	1.1	2.3	3.4	4.6	3.4	4.6	2.4	3.4	3.3
120	4.6	3.4	1.1	6.9	8.0	4.6	3.5	1.1	3.9
150	6.9	5.7	10.2	9.2	4.5	9.2	5.9	6.9	6.6
180	16.1	17.0	13.6	9.2	10.2	19.5	20.0	17.2	14.9
210	14.9	13.6	12.5	13.8	14.8	9.2	14.1	17.2	14.6
240	6.9	6.8	4.5	6.9	9.1	9.2	7.1	6.9	7.3
270	10.3	4.5	9.1	4.6	5.7	4.6	7.1	5.7	6.8
300	10.3	14.8	12.5	16.1	13.6	20.7	14.1	16.1	13.9
330	16.1	21.6	13.6	11.5	20.5	6.9	14.1	14.9	14.9
360	4.6	3.4	8.0	9.2	4.5	3.4	2.4	6.9	5.6
Stille	1.1	2.3	2.3	2.3	1.1	.0	2.4	.0	1.6
Ant.obs	(87)	(88)	(88)	(87)	(88)	(87)	(85)	(87)	(2094)
Midlere vind m/s	3.6	3.2	3.1	3.3	3.7	3.3	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	1.9	1.0	.8	.0	3.8	(79)	2.4
60	1.3	.7	.5	.3	2.8	(59)	3.0
90	1.4	1.1	.4	.4	3.3	(70)	2.9
120	2.0	.9	.1	.9	3.9	(82)	3.0
150	1.4	2.1	1.6	1.6	6.6	(139)	4.2
180	1.5	4.6	5.3	3.5	14.9	(312)	4.7
210	1.9	4.5	5.3	3.0	14.6	(305)	4.4
240	2.3	2.9	1.4	.6	7.3	(152)	3.1
270	2.2	1.8	1.3	1.4	6.8	(142)	3.7
300	4.5	6.4	2.0	1.0	13.9	(291)	3.0
330	5.9	8.3	.2	.4	14.9	(311)	2.4
360	2.8	2.5	.3	.0	5.6	(118)	2.1
Stille					1.6	(34)	
Total	29.2	36.6	19.4	13.1	100.0	(2094)	
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 1979/80-1988/89.

Stasjon : AAS
Periode : 01.12.79 - 28.02.89

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	10.0	11.3	11.0	11.6	10.9	10.9	10.1	10.2	10.8
60	4.9	4.8	5.3	5.2	5.6	6.7	5.2	6.0	5.5
90	4.5	3.0	2.1	3.0	3.7	3.6	4.5	3.3	3.4
120	2.5	1.9	3.5	3.2	5.4	7.7	5.2	3.0	4.1
150	3.3	3.1	3.1	3.5	4.3	6.4	5.2	3.3	4.0
180	5.4	5.7	5.5	5.9	5.7	6.6	5.9	6.3	6.0
210	7.1	7.8	6.9	7.9	7.6	5.7	7.6	6.9	7.2
240	4.3	3.6	4.7	4.7	5.1	5.5	6.0	5.0	4.9
270	6.3	4.9	4.5	4.3	4.9	5.4	5.5	4.5	4.8
300	12.3	14.1	16.1	11.3	11.8	10.6	13.0	14.7	12.8
330	26.8	26.9	24.9	27.7	22.0	17.0	18.0	23.5	24.0
360	11.4	11.3	10.8	10.1	11.4	12.4	13.0	12.0	11.1
Stille	1.3	1.6	1.4	1.5	1.6	1.5	.7	1.4	1.5
Ant.obs	(798)	(796)	(794)	(793)	(790)	(801)	(801)	(797)	(****)
Midlere vind m/s	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.1	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	1.8	4.4	3.9	.7	10.8	(2061)	3.7
60	1.2	2.3	1.7	.3	5.5	(1048)	3.4
90	1.4	1.4	.5	.1	3.4	(646)	2.6
120	2.1	1.6	.3	.1	4.1	(781)	2.3
150	1.6	1.4	.8	.4	4.0	(774)	3.1
180	1.4	2.3	1.8	.6	6.0	(1155)	3.5
210	1.5	3.0	2.1	.7	7.2	(1381)	3.6
240	1.4	1.6	1.3	.7	4.9	(929)	3.5
270	1.8	1.5	1.0	.6	4.8	(914)	3.3
300	4.3	6.1	1.6	.8	12.8	(2441)	2.9
330	8.4	12.8	2.3	.5	24.0	(4581)	2.6
360	3.0	5.3	2.3	.4	11.1	(2125)	3.1
Stille					1.5	(278)	
Total	29.7	43.6	19.4	5.9	100.0	(****)	
Midlere vind m/s	1.3	2.9	4.8	7.3			3.0

*) Dette tallet angir sentrum av vindsektor

Tabell A3: a) Vindfrekvenser (vindrose) fra Ås for des. 1989.
b) Vindfrekvenser (vindrose) fra Ås for jan. 1990.
c) Vindfrekvenser (vindrose) fra Ås for febr. 1990.

Stasjon : AAS
Periode : 01.12.89 - 31.12.89

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	10.0	3.2	3.2	3.2	3.2	12.9	19.4	3.2	8.1
60	3.3	6.5	6.5	6.5	9.7	3.2	.0	6.5	5.0
90	.0	.0	.0	3.2	3.2	3.2	6.5	3.2	2.2
120	.0	.0	.0	6.5	3.2	3.2	.0	.0	2.4
150	3.3	.0	.0	3.2	3.2	9.7	6.5	3.2	2.6
180	3.3	3.2	6.5	3.2	3.2	3.2	3.2	6.5	4.3
210	3.3	3.2	3.2	6.5	6.5	9.7	3.2	3.2	6.3
240	10.0	12.9	3.2	9.7	3.2	3.2	3.2	3.2	4.2
270	13.3	3.2	6.5	.0	3.2	6.5	.0	6.5	5.4
300	13.3	22.6	16.1	16.1	16.1	19.4	25.8	25.8	19.7
330	30.0	35.5	29.0	22.6	35.5	16.1	25.8	25.8	27.0
360	10.0	9.7	22.6	19.4	6.5	9.7	3.2	12.9	11.9
Stille	.0	.0	3.2	.0	3.2	.0	3.2	.0	1.1
Ant.obs	(30)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(742
Midlere vind m/s	2.9	2.6	2.5	2.3	2.5	2.6	2.8	2.8	2.6

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

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

*) Vind-retning	Klasser I	II	III	IV	Total	Nobs	Midlere vind m/s
30	3.8	2.6	1.8	.0	8.1	(60)	2.5
60	1.9	1.6	1.2	.3	5.0	(37)	2.9
90	1.3	.8	.0	.0	2.2	(16)	1.9
120	1.8	.7	.0	.0	2.4	(18)	1.3
150	1.2	.5	.3	.5	2.6	(19)	3.1
180	1.5	1.1	.4	1.3	4.3	(32)	3.8
210	.9	1.5	1.5	2.4	6.3	(47)	4.8
240	1.8	2.2	.3	.0	4.2	(31)	2.4
270	2.8	2.2	.4	.0	5.4	(40)	1.8
300	7.8	9.4	1.8	.7	19.7	(146)	2.6
330	11.1	14.4	.4	1.1	27.0	(200)	2.4
360	5.5	6.1	.3	.0	11.9	(88)	2.1
Stille					1.1	(8)	
Total	41.4	43.0	8.2	6.3	100.0	(742)	
Midlere vind m/s	1.4	2.7	4.7	7.5			2.6

*) Dette tallet angir sentrum av vindsektor

Stasjon : AAS
Periode : 01.01.90 - 31.01.90

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	.0	3.2	3.2	3.3	.0	3.2	.0	.0	2.0
60	3.2	.0	6.5	.0	.0	.0	.0	.0	1.8
90	3.2	3.2	6.5	6.7	3.2	6.5	.0	6.5	4.3
120	6.5	3.2	.0	3.3	9.7	3.2	3.4	.0	3.5
150	6.5	9.7	16.1	10.0	6.5	12.9	6.9	3.2	7.6
180	22.6	16.1	22.6	13.3	16.1	19.4	20.7	22.6	17.8
210	16.1	22.6	6.5	13.3	9.7	9.7	17.2	22.6	15.9
240	6.5	6.5	6.5	6.7	16.1	12.9	13.8	12.9	11.7
270	6.5	6.5	12.9	10.0	9.7	3.2	13.8	6.5	9.4
300	12.9	9.7	12.9	20.0	12.9	25.8	10.3	9.7	12.1
330	12.9	19.4	6.5	3.3	9.7	3.2	10.3	9.7	9.2
360	3.2	.0	.0	6.7	6.5	.0	3.4	6.5	3.4
Stille	.0	.0	.0	3.3	.0	.0	.0	.0	1.4
Ant.obs	(31)	(31)	(31)	(30)	(31)	(31)	(29)	(31)	(737)
Midlere vind m/s	3.5	3.4	3.2	3.9	3.9	3.5	3.6	3.5	3.5

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	1.5	.0	.5	.0	2.0	(15)	2.0
60	1.1	.0	.1	.5	1.8	(13)	3.4
90	1.8	1.2	.7	.7	4.3	(32)	3.1
120	2.7	.3	.1	.4	3.5	(26)	1.9
150	1.5	2.7	2.0	1.4	7.6	(56)	4.0
180	2.0	5.7	5.2	4.9	17.8	(131)	4.8
210	3.0	6.5	4.7	1.6	15.9	(117)	3.6
240	3.5	4.1	2.7	1.4	11.7	(86)	3.4
270	2.4	2.3	1.2	3.4	9.4	(69)	4.6
300	3.1	5.0	2.3	1.6	12.1	(89)	3.5
330	4.1	4.9	.3	.0	9.2	(68)	2.1
360	1.9	.8	.7	.0	3.4	(25)	2.1
Stille					1.4	(10)	
Total	28.6	33.5	20.6	15.9	100.0	(737)	
Midlere vind m/s	1.3	2.9	4.8	7.6			3.5

*) Dette tallet angir sentrum av vindsektor

Stasjon : AAS
Periode : 01.02.90 - 28.02.90

FORDELING AV VINDRETNINGER OVER DØGNET (%)

*) Vind-retning	Klokkeslett 01	04	07	10	13	16	19	22	Vind-rose
30	.0	.0	.0	3.8	.0	.0	.0	.0	.7
60	3.8	.0	7.7	.0	.0	4.0	.0	.0	1.5
90	.0	3.8	3.8	3.8	3.8	4.0	.0	.0	3.6
120	7.7	7.7	3.8	11.5	11.5	8.0	8.0	4.0	6.2
150	11.5	7.7	15.4	15.4	3.8	4.0	4.0	16.0	10.4
180	23.1	34.6	11.5	11.5	11.5	40.0	40.0	24.0	24.2
210	26.9	15.4	30.8	23.1	30.8	8.0	24.0	28.0	22.9
240	3.8	.0	3.8	3.8	7.7	12.0	4.0	4.0	5.7
270	11.5	3.8	7.7	3.8	3.8	4.0	8.0	4.0	5.4
300	3.8	11.5	7.7	11.5	11.5	16.0	4.0	12.0	9.1
330	3.8	7.7	3.8	7.7	15.4	.0	4.0	8.0	7.0
360	.0	.0	.0	.0	.0	.0	.0	.0	.8
Stille	3.8	7.7	3.8	3.8	.0	.0	4.0	.0	2.6
Ant.obs	(26)	(26)	(26)	(26)	(26)	(25)	(25)	(25)	(615)
Midlere vind m/s	4.4	3.8	3.8	4.0	4.7	4.1	4.1	4.0	4.1

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

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

*) Vind-retning	Klasser I	II	III	IV	Total	Nobs	Midlere vind m/s
30	.2	.3	.0	.2	.7	(4)	3.3
60	.8	.3	.2	.2	1.5	(9)	2.7
90	1.1	1.1	.7	.7	3.6	(22)	3.3
120	1.5	1.8	.3	2.6	6.2	(38)	4.5
150	1.5	3.1	2.8	3.1	10.4	(64)	4.6
180	1.0	7.5	11.4	4.4	24.2	(149)	4.8
210	1.6	5.7	10.4	5.2	22.9	(141)	4.9
240	1.6	2.3	1.3	.5	5.7	(35)	3.2
270	1.3	.7	2.6	.8	5.4	(33)	4.1
300	2.1	4.6	2.0	.5	9.1	(56)	3.1
330	2.0	5.0	.0	.0	7.0	(43)	2.4
360	.5	.3	.0	.0	.8	(5)	1.5
Stille					2.6	(16)	
Total	15.1	32.7	31.5	18.0	100.0	(615)	
Midlere vind m/s	1.2	3.0	5.0	7.4			4.1

*) 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 1989/90.

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 : 01.12.89 - 28.02.90

	Klasser			
Time	I	II	III	IV
01	.0	62.1	32.2	5.7
02	.0	58.0	36.4	5.7
03	.0	53.4	39.8	6.8
04	.0	58.0	35.2	6.8
05	.0	55.7	37.5	6.8
06	.0	52.3	42.0	5.7
07	.0	51.1	45.5	3.4
08	.0	48.9	46.6	4.5
09	.0	59.1	36.4	4.5
10	5.7	69.3	18.2	6.8
11	13.6	69.3	13.6	3.4
12	13.6	72.7	10.2	3.4
13	6.8	83.0	8.0	2.3
14	10.2	79.5	9.1	1.1
15	4.6	75.9	14.9	4.6
16	3.4	65.5	27.6	3.4
17	1.1	64.4	28.7	5.7
18	.0	60.9	31.0	8.0
19	.0	56.3	34.5	9.2
20	.0	57.5	29.9	12.6
21	.0	56.3	31.0	12.6
22	.0	60.9	26.4	12.6
23	.0	55.2	40.2	4.6
24	.0	55.7	39.8	4.5
Total	2.5	61.7	29.8	6.0

Antall obs : 2102
Manglende obs: 58

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 1989 b) januar 1990 c) februar 1990

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 : 01.12.89 - 31.12.89

	Klasser			
Time	I	II	III	IV
01	.0	60.0	30.0	10.0
02	.0	58.1	35.5	6.5
03	.0	48.4	38.7	12.9
04	.0	61.3	22.6	16.1
05	.0	51.6	32.3	16.1
06	.0	54.8	32.3	12.9
07	.0	48.4	51.6	.0
08	.0	41.9	45.2	12.9
09	.0	38.7	48.4	12.9
10	.0	48.4	32.3	19.4
11	9.7	61.3	19.4	9.7
12	9.7	67.7	12.9	9.7
13	6.5	74.2	12.9	6.5
14	.0	80.6	16.1	3.2
15	.0	58.1	29.0	12.9
16	.0	41.9	48.4	9.7
17	.0	45.2	41.9	12.9
18	.0	48.4	32.3	19.4
19	.0	45.2	41.9	12.9
20	.0	41.9	35.5	22.6
21	.0	38.7	35.5	25.8
22	.0	48.4	29.0	22.6
23	.0	45.2	45.2	9.7
24	.0	54.8	35.5	9.7
Total	1.1	52.6	33.5	12.8

Antall obs : 743
Manglende obs: 1

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.01.90 - 31.01.90

	Klasser			
Time	I	II	III	IV
01	.0	58.1	35.5	6.5
02	.0	51.6	41.9	6.5
03	.0	54.8	38.7	6.5
04	.0	54.8	41.9	3.2
05	.0	54.8	41.9	3.2
06	.0	48.4	48.4	3.2
07	.0	51.6	41.9	6.5
08	.0	48.4	51.6	.0
09	.0	58.1	41.9	.0
10	3.2	77.4	19.4	.0
11	12.9	67.7	19.4	.0
12	16.1	71.0	12.9	.0
13	6.5	87.1	6.5	.0
14	9.7	80.6	9.7	.0
15	3.2	83.9	12.9	.0
16	.0	71.0	29.0	.0
17	.0	61.3	35.5	3.2
18	.0	58.1	38.7	3.2
19	.0	64.5	25.8	9.7
20	.0	61.3	29.0	9.7
21	.0	61.3	32.3	6.5
22	.0	61.3	29.0	9.7
23	.0	54.8	41.9	3.2
24	.0	58.1	38.7	3.2
Total	2.2	62.5	31.9	3.5

Antall obs : 744
Manglende obs: 0

Stasjon : AAS
Parameter: Temperatur differanse (DT)
Enhet : Grader C
Periode : 01.02.90 - 28.02.90

	Klasser			
Time	I	II	III	IV
01	.0	69.2	30.8	.0
02	.0	65.4	30.8	3.8
03	.0	57.7	42.3	.0
04	.0	57.7	42.3	.0
05	.0	61.5	38.5	.0
06	.0	53.8	46.2	.0
07	.0	53.8	42.3	3.8
08	.0	57.7	42.3	.0
09	.0	84.6	15.4	.0
10	15.4	84.6	.0	.0
11	19.2	80.8	.0	.0
12	15.4	80.8	3.8	.0
13	7.7	88.5	3.8	.0
14	23.1	76.9	.0	.0
15	12.0	88.0	.0	.0
16	12.0	88.0	.0	.0
17	4.0	92.0	4.0	.0
18	.0	80.0	20.0	.0
19	.0	60.0	36.0	4.0
20	.0	72.0	24.0	4.0
21	.0	72.0	24.0	4.0
22	.0	76.0	20.0	4.0
23	.0	68.0	32.0	.0
24	.0	53.8	46.2	.0
Total	4.6	71.7	22.8	1.0

Antall obs : 615
Manglende obs: 57

Tabell A6: Frekvens (i %) av vind og stabilitet fordelt på fire vindstyrkeklasser og fire stabilitetsklasser basert på data fra Ås: a) vinteren 1989/90 b) vinterperiodene 1979/80-1988/89.

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

Vindstille: U mindre eller lik .2 m/s

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.12.89 - 28.02.90
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	1.5	.3	.1	.0	1.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	3.8
60	.0	.8	.3	.1	.0	.6	.1	.0	.0	.5	.0	.0	.0	.3	.0	.0	2.8
90	.1	.8	.3	.2	.0	.6	.4	.0	.0	.4	.0	.0	.0	.4	.0	.0	3.3
120	.0	.9	.8	.3	.0	.5	.2	.1	.0	.1	.0	.0	.0	.9	.0	.0	3.9
150	.0	.4	.7	.2	.0	1.1	.9	.0	.0	1.5	.1	.0	.0	1.5	.0	.0	6.6
180	.0	.7	.6	.2	.0	2.4	2.1	.1	.0	4.5	.8	.0	.0	3.4	.1	.0	14.9
210	.2	.4	1.0	.3	.1	1.8	2.3	.2	.0	3.4	1.8	.0	.0	2.6	.3	.0	14.6
240	.1	.9	1.0	.3	.2	1.3	1.0	.4	.0	.6	.9	.0	.0	.6	.0	.0	7.3
270	.1	.9	1.0	.2	.1	.3	.9	.4	.2	.7	.4	.0	.0	1.3	.1	.0	6.8
300	.1	2.2	1.8	.3	.2	2.5	2.8	.9	.1	1.0	.9	.0	.0	.9	.0	.0	13.9
330	.1	3.9	1.5	.5	.0	4.5	3.2	.6	.0	.2	.0	.0	.0	.4	.0	.0	14.9
360	.0	2.1	.3	.2	.0	2.1	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	5.6
Stille	.0	1.1	.4	.0													1.6
Total	1.1	16.6	10.0	3.2	.8	18.8	14.2	2.9	.6	13.8	5.0	.0	.0	12.4	.7	.0	100.0
Forekomst		30.8 %				36.6 %				19.4 %				13.1 %			100.0 %
Vindstyrke		1.2 m/s				2.9 m/s				4.9 m/s				7.5 m/s			3.4 m

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	2.5 %	61.6 %	29.8 %	6.1 %	100.0 %

Antall obs. : 2094
Manglende obs.: 66

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.12.79 - 28.02.89
Enhet : Prosent

Vind-retning	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	Rose
30	.0	1.1	.5	.1	.1	3.5	.7	.0	.1	3.6	.2	.0	.0	.7	.0	.0	10.8
60	.0	.7	.4	.1	.1	1.9	.3	.0	.0	1.6	.1	.0	.0	.3	.0	.0	5.5
90	.1	.6	.5	.2	.0	1.2	.2	.0	.0	.5	.0	.0	.0	.1	.0	.0	3.4
120	.2	.9	.6	.3	.0	.9	.6	.1	.0	.3	.0	.0	.0	.1	.0	.0	4.1
150	.1	.5	.6	.3	.0	.8	.5	.1	.0	.7	.1	.0	.0	.3	.0	.0	4.1
180	.0	.5	.6	.3	.0	1.1	1.1	.1	.0	1.4	.4	.0	.0	.4	.2	.0	6.0
210	.1	.5	.7	.3	.1	.9	1.8	.2	.0	1.0	1.0	.0	.0	.5	.3	.0	7.2
240	.1	.3	.7	.3	.0	.3	1.0	.1	.0	.5	.7	.0	.0	.5	.2	.0	4.9
270	.1	.6	.7	.4	.1	.3	.9	.2	.0	.4	.5	.0	.0	.4	.2	.0	4.8
300	.3	1.7	1.7	.6	.2	1.5	3.0	1.4	.0	.5	.9	.2	.0	.4	.4	.0	12.8
330	.5	3.5	3.2	1.2	.3	3.2	6.1	3.2	.0	.6	1.2	.4	.0	.2	.2	.0	24.0
360	.1	1.6	.9	.4	.0	3.3	1.6	.5	.0	2.0	.3	.0	.0	.3	.1	.0	11.1
Stille	.2	.5	.6	.2													1.4
Total	1.9	13.0	11.7	4.5	.9	18.7	17.8	6.2	.2	13.0	5.5	.7	.1	4.2	1.6	.0	100.0

Forekomst	31.1 %	43.6 %	19.4 %	5.9 %	100.0 %
Vindstyrke	1.2 m/s	2.9 m/s	4.8 m/s	7.2 m/s	3.0 m/

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	3.0 %	49.0 %	36.5 %	11.4 %	100.0 %

Antall obs. :19099
Manglende obs.: 2573

Tabell A7: Frekvens (i %) av vind og stabilitet på Ås: a) desember 1989 b) januar 1990 c) februar 1990

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

Vindstille: U mindre eller lik .2 m/s

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.12.89 - 31.12.89
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	.1	2.8	.5	.3	.0	2.4	.1	.0	.0	1.8	.0	.0	.0	.0	.0	.0	8.1
60	.1	.7	.8	.3	.0	1.3	.3	.0	.0	1.2	.0	.0	.0	.3	.0	.0	5.0
90	.1	.4	.3	.5	.0	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
120	.0	1.2	.1	.4	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4
150	.0	.3	.5	.4	.0	.3	.1	.1	.0	.0	.3	.0	.0	.4	.1	.0	2.6
180	.0	.7	.5	.3	.0	.3	.5	.3	.0	.3	.1	.0	.0	1.1	.3	.0	4.3
210	.0	.3	.5	.1	.0	.7	.4	.4	.0	1.1	.4	.0	.0	2.0	.4	.0	6.3
240	.0	.3	.9	.5	.0	.1	.9	1.1	.0	.0	.3	.0	.0	.0	.0	.0	4.2
270	.1	.5	1.6	.5	.0	.0	1.2	.9	.0	.1	.3	.0	.0	.0	.0	.0	5.4
300	.1	3.6	3.2	.8	.0	2.6	4.9	2.0	.0	.5	1.2	.0	.0	.7	.0	.0	19.7
330	.3	6.6	3.2	.9	.0	6.1	6.7	1.6	.0	.3	.1	.0	.0	1.1	.0	.0	27.0
360	.1	4.3	.8	.3	.0	4.9	.5	.7	.0	.3	.0	.0	.0	.0	.0	.0	11.9
Stille	.0	.4	.5	.1													1.1
Total	1.1	22.1	13.7	5.5	.0	19.4	16.3	7.3	.0	5.5	2.7	.0	.0	5.5	.8	.0	100.0

Forekomst	42.5 %	43.0 %	8.2 %	6.3 %	100.0 %
Vindstyrke	1.3 m/s	2.7 m/s	4.7 m/s	7.5 m/s	2.6 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	1.1 %	52.6 %	33.6 %	12.8 %	100.0 %

Antall obs. : 742
Manglende obs.: 2

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.01.90 - 31.01.90
Enhet : Prosent

Vind-retning	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	Rose
30	.0	1.4	.1	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	2.0
60	.0	.9	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.5	.0	.0	1.8
90	.1	1.1	.4	.1	.0	.5	.7	.0	.0	.7	.0	.0	.0	.7	.0	.0	4.3
120	.1	.7	1.6	.3	.0	.1	.0	.1	.0	.1	.0	.0	.0	.4	.0	.0	3.5
150	.0	.3	.9	.3	.0	.8	1.9	.0	.0	1.9	.1	.0	.0	1.4	.0	.0	7.6
180	.0	.8	1.1	.1	.0	2.0	3.7	.0	.0	4.2	.9	.0	.0	4.9	.0	.0	17.8
210	.1	.7	1.6	.5	.0	1.9	4.3	.3	.0	2.4	2.3	.0	.0	1.6	.0	.0	15.9
240	.3	1.4	1.5	.4	.4	2.7	.9	.0	.0	1.2	1.5	.0	.0	1.2	.1	.0	11.7
270	.1	1.6	.5	.1	.3	.8	1.1	.1	.0	.7	.5	.0	.0	3.1	.3	.0	9.4
300	.0	1.9	1.2	.0	.1	2.8	1.6	.4	.0	1.4	.9	.0	.0	1.5	.1	.0	12.1
330	.0	3.5	.4	.1	.0	4.2	.7	.0	.0	.3	.0	.0	.0	.0	.0	.0	9.2
360	.0	1.4	.1	.4	.0	.8	.0	.0	.5	.1	.0	.0	.0	.0	.0	.0	3.4
Stille	.0	.8	.5	.0													1.4
Total	.8	16.4	10.2	2.6	.8	16.8	14.9	.9	.5	13.7	6.4	.0	.0	15.3	.5	.0	100.0

Forekomst	30.0 %	33.5 %	20.6 %	15.9 %	100.0 %
Vindstyrke	1.2 m/s	2.9 m/s	4.8 m/s	7.6 m/s	3.5 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	2.2 %	62.3 %	32.0 %	3.5 %	100.0 %

Antall obs. : 737
Manglende obs.: 7

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.02.90 - 28.02.90
Enhet : Prosent

Vind-retning	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	Rose
30	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7
60	.0	.7	.2	.0	.0	.3	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	1.5
90	.0	.8	.3	.0	.0	.8	.3	.0	.0	.7	.0	.0	.0	.7	.0	.0	3.6
120	.0	.8	.5	.2	.0	1.3	.5	.0	.0	.3	.0	.0	.0	2.6	.0	.0	6.2
150	.0	.8	.7	.0	.0	2.6	.5	.0	.0	2.8	.0	.0	.0	3.1	.0	.0	10.4
180	.0	.7	.2	.2	.2	5.4	2.0	.0	.2	9.9	1.3	.0	.0	4.4	.0	.0	24.2
210	.5	.3	.7	.2	.3	3.1	2.3	.0	.2	7.3	2.9	.0	.0	4.6	.7	.0	22.9
240	.2	1.1	.3	.0	.2	1.1	1.0	.0	.0	.5	.8	.0	.0	.5	.0	.0	5.7
270	.2	.3	.8	.0	.2	.2	.3	.0	.8	1.3	.5	.0	.2	.7	.0	.0	5.4
300	.3	.8	.8	.2	.7	2.1	1.8	.0	.3	1.1	.5	.0	.0	.5	.0	.0	9.1
330	.0	1.0	.7	.3	.2	2.9	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
360	.0	.5	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
Stille	.2	2.3	.2	.0													2.6
Total	1.3	10.1	5.4	1.0	1.6	20.3	10.7	.0	1.5	24.1	6.0	.0	.2	17.2	.7	.0	100.0

Forekomst	17.7 %	32.7 %	31.5 %	18.0 %	100.0 %
Vindstyrke	1.1 m/s	3.0 m/s	5.0 m/s	7.4 m/s	4.1 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	4.6 %	71.7 %	22.8 %	1.0 %	100.0 %

Antall obs. : 615
Manglende obs.: 57

Tabell A8: Horisontal turbulens som funksjon av vindretning, fire vindstyrkeklasser og fire stabilitetsklasser for Ås vinteren 1989/90. a) sigma kort b) sigma kort + lang

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

SIGK : AAS
Periode : 01.12.89 - 28.02.90
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	14.3	18.9	24.3	13.3	-	15.5	64.2	-	-	17.2	-	-	-	12.4	-	-	18.4
60	22.2	21.5	19.8	53.5	-	14.8	13.0	-	-	18.5	-	-	-	16.2	-	-	20.1
90	18.3	20.7	37.6	22.6	-	11.7	12.8	-	-	12.7	-	-	-	13.4	-	-	17.8
120	60.3	22.6	23.8	49.6	-	11.4	26.7	17.5	-	11.8	-	-	-	12.2	-	-	21.1
150	-	20.9	36.0	27.0	-	16.3	17.0	10.8	-	13.5	13.6	-	-	14.1	13.3	-	18.0
180	-	22.3	24.3	19.4	9.8	14.1	13.7	18.9	11.7	13.1	11.1	-	-	14.0	13.4	-	14.5
210	17.4	17.8	24.6	37.1	16.4	13.9	15.7	13.6	12.6	12.3	11.0	-	-	12.7	11.2	-	14.5
240	28.9	24.8	31.9	29.9	15.9	19.8	14.6	16.9	-	16.3	13.7	-	-	15.7	11.7	-	20.3
270	16.9	24.9	28.4	44.2	17.6	15.6	20.8	14.0	16.5	14.6	13.8	-	16.8	14.6	14.2	-	20.0
300	15.7	17.0	15.0	12.4	11.9	9.5	12.3	12.2	13.9	12.5	12.2	-	-	14.5	13.6	-	13.1
330	13.7	14.4	16.1	19.5	9.5	9.4	9.3	5.9	-	9.9	7.0	-	-	12.5	-	-	11.7
360	70.5	17.5	20.0	30.9	-	12.7	5.8	16.1	12.0	14.1	-	-	-	-	-	-	16.1
Stille	33.3	23.4	48.7	53.9													31.3
Middel	23.6	18.9	24.6	29.6	14.2	12.7	13.7	12.6	14.1	13.5	12.0	-	16.8	13.8	12.3	-	15.9
Konsentr.		22.0				13.1				13.1				13.7			

Middelverdi for ulike stabilitetsklasser

Klasse I	Klasse II	Klasse III	Klasse IV
18.2	14.8	17.0	21.4

Konsentr.

Antall obs. : 2094
Manglende obs.: 66

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

SIGKL : AAS
Periode : 01.12.89 - 28.02.90
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	17.0	24.3	38.0	22.4	-	16.7	76.2	-	-	17.8	-	-	-	12.9	-	-	22.4
60	24.8	31.2	33.8	107.7	-	17.2	18.9	-	-	19.1	-	-	-	16.5	-	-	28.0
90	22.8	28.6	67.6	33.9	-	14.2	18.6	-	-	13.0	-	-	-	14.9	-	-	25.0
120	75.0	34.8	42.6	82.8	-	16.1	47.8	23.5	-	12.6	-	-	-	12.8	-	-	32.4
150	-	39.8	54.9	44.6	-	20.2	22.3	12.2	-	15.0	20.4	-	-	14.7	13.3	-	23.8
180	-	33.0	33.7	36.5	14.6	16.9	17.5	42.1	12.2	14.1	13.5	-	-	14.5	14.0	-	17.3
210	22.5	25.3	36.0	58.0	17.5	16.3	19.9	19.0	13.8	13.4	12.1	-	-	13.3	11.8	-	17.5
240	35.5	36.4	49.0	46.5	17.9	23.4	18.7	20.2	-	17.6	15.2	-	-	17.0	11.8	-	26.7
270	23.5	35.0	44.7	64.3	19.9	19.7	25.1	19.4	17.2	15.9	15.6	-	17.4	15.3	16.5	-	26.1
300	19.9	24.5	29.1	22.5	14.1	12.5	16.6	19.6	15.2	14.0	13.8	-	-	15.2	14.1	-	18.6
330	26.7	21.3	26.5	40.4	12.9	12.0	13.5	12.0	-	12.2	10.7	-	-	13.6	-	-	17.3
360	80.4	23.5	27.5	50.8	-	14.5	9.6	24.0	12.4	15.8	-	-	-	-	-	-	21.0
Stille	73.9	41.4	87.5	82.5													55.8
Middel	31.7	27.8	40.1	49.9	16.5	15.4	18.3	19.2	14.8	14.6	13.7	-	17.4	14.4	13.1	-	21.4
Konsentr.		34.2				16.9				14.4				14.4			

Middelverdi for ulike stabilitetsklasser

Klasse I	Klasse II	Klasse III	Klasse IV
22.5	18.4	24.8	35.2

Konsentr.

Antall obs. : 2094
Manglende obs.: 66

Tabell A9: Månedsvis temperaturstatistikk fra Ås (2 m) vintren 1989/90. Middel-, maksimum- og minimumstemperaturer, antall observasjoner av temperatur under gitte grenser samt midlere døgnfordeling.

Stasjon : AAS
Periode : 01.12.89 - 28.02.90
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 1989	31	-1.3	9.7	3	16	-14.8	15	09	1.2	-3.7
Jan 1990	31	2.1	8.6	11	13	-9.9	2	07	4.1	.1
Feb 1990	27	4.1	11.8	20	14	-3.9	17	08	6.8	2.4

FOREKOMST INNEN GITTE GRENSER

	T < .0		T < 10.0		T < 20.0	
Måned	Døgn	Timer	Døgn	Timer	Døgn	Timer
Des 1989	28	502	31	743	31	743
Jan 1990	14	175	31	744	31	744
Feb 1990	5	55	27	608	27	615

MIDLERE MÅNEDSVIS DØGNFORDELING

Måned: Des 1989 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	-1.3	-1.6	-1.7	-1.7	-.1	-1.0	-1.2	-1.4	
Stand.avvik	4.3	4.4	4.4	4.3	4.4	4.5	4.3	4.3	
Nobs	(30)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(743)

Måned: Jan 1990 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	1.6	1.4	1.5	2.0	3.2	2.7	2.4	2.1	
Stand.avvik	3.3	3.5	3.6	3.7	4.0	3.6	3.5	3.3	
Nobs	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)

Måned: Feb 1990 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	3.9	3.5	3.2	4.1	5.6	5.4	4.0	3.6	
Stand.avvik	2.7	2.7	2.7	2.9	3.0	2.7	2.3	2.7	
Nobs	(26)	(26)	(26)	(26)	(26)	(25)	(25)	(25)	(615)

Tabell A10: Månedsvis relativ fuktighetsstatistikk fra Ås vinteren 1989/90. Middel-, maksimum- og minimumsverdier, antall observasjoner av relativ fuktighet under gitte grenser samt midlere døgnfordeling.

Stasjon : AAS
Periode : 01.12.89 - 28.02.90
Parameter: REL.FUKT.
Enhet : PROSENT

MIDDEL-, MAKSIMUM- OG MINIMUMVERDIER

			Maks			Min			Midlere	
Måned	Nobs	RHmidl	RH	Dag	Kl	RH	Dag	Kl	RHmaks	RHmin
Des 1989	31	.82	.98	*24	22	.47	6	24	.90	.73
Jan 1990	31	.83	.98	*10	18	.53	18	14	.92	.74
Feb 1990	27	.88	.98	* 3	22	.43	28	16	.95	.76

FOREKOMST INNEN GITTE GRENSER

	RH < .30		RH < .75		RH < .95	
Måned	Døgn	Timer	Døgn	Timer	Døgn	Timer
Des 1989	0	0	14	174	31	698
Jan 1990	0	0	16	175	31	649
Feb 1990	0	0	10	75	26	396

MIDLERE MÅNEDSVIS DØGNFORDELING

Måned: Des 1989 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	.83	.83	.83	.82	.80	.81	.84	.83	
Stand.avvik	.11	.12	.12	.10	.12	.11	.10	.10	
Nobs	(30)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(743)

Måned: Jan 1990 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	.84	.86	.86	.85	.81	.81	.83	.84	
Stand.avvik	.11	.11	.10	.10	.12	.13	.12	.10	
Nobs	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(744)

Måned: Feb 1990 Klokkeslett

	01	04	07	10	13	16	19	22	
Middelverdi	.91	.91	.90	.89	.85	.83	.90	.93	
Stand.avvik	.09	.10	.10	.11	.14	.17	.11	.06	
Nobs	(26)	(26)	(26)	(26)	(26)	(25)	(25)	(25)	(615)

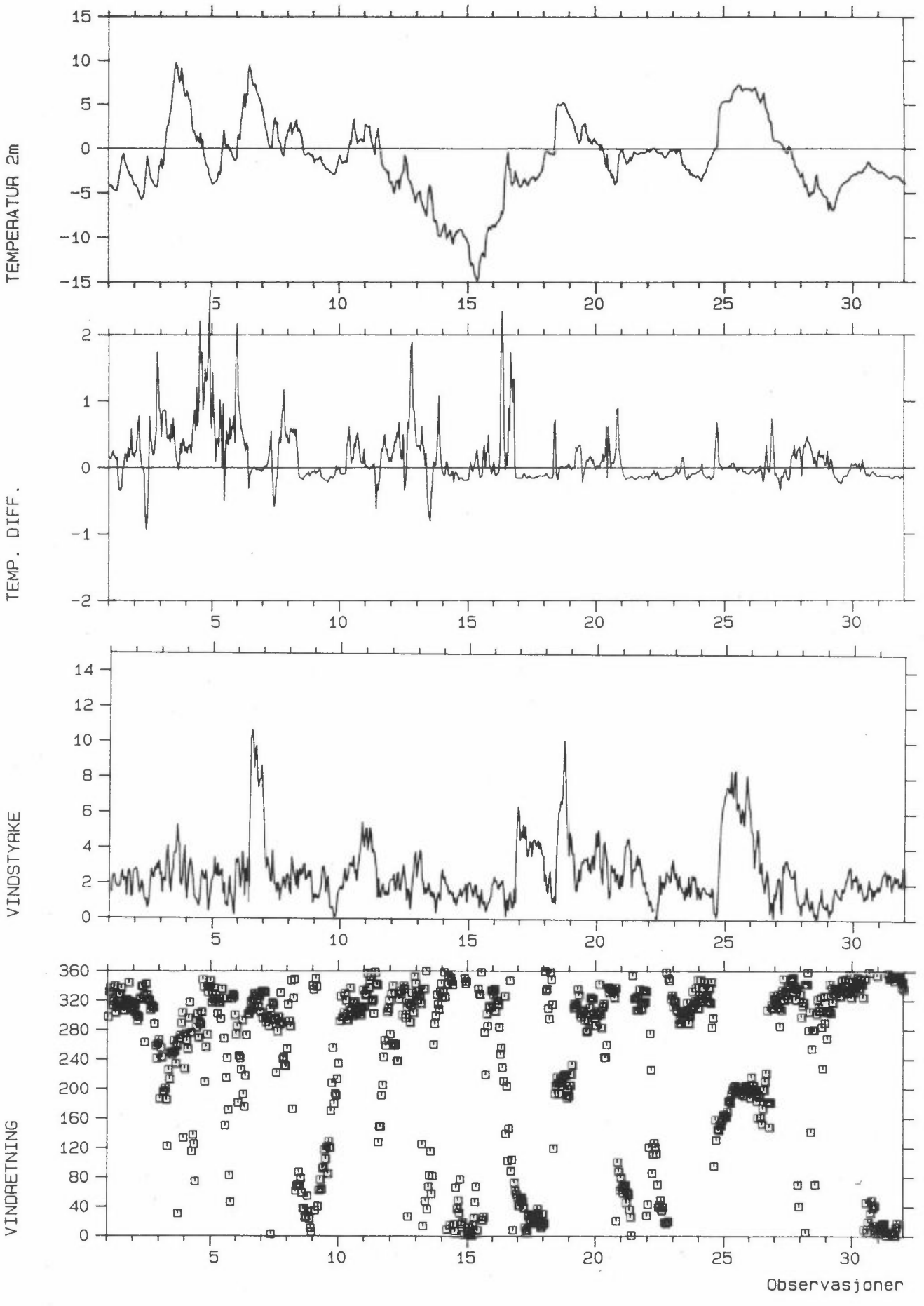
VEDLEGG B

Grafisk fremstilling av tidsforløpet av:

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

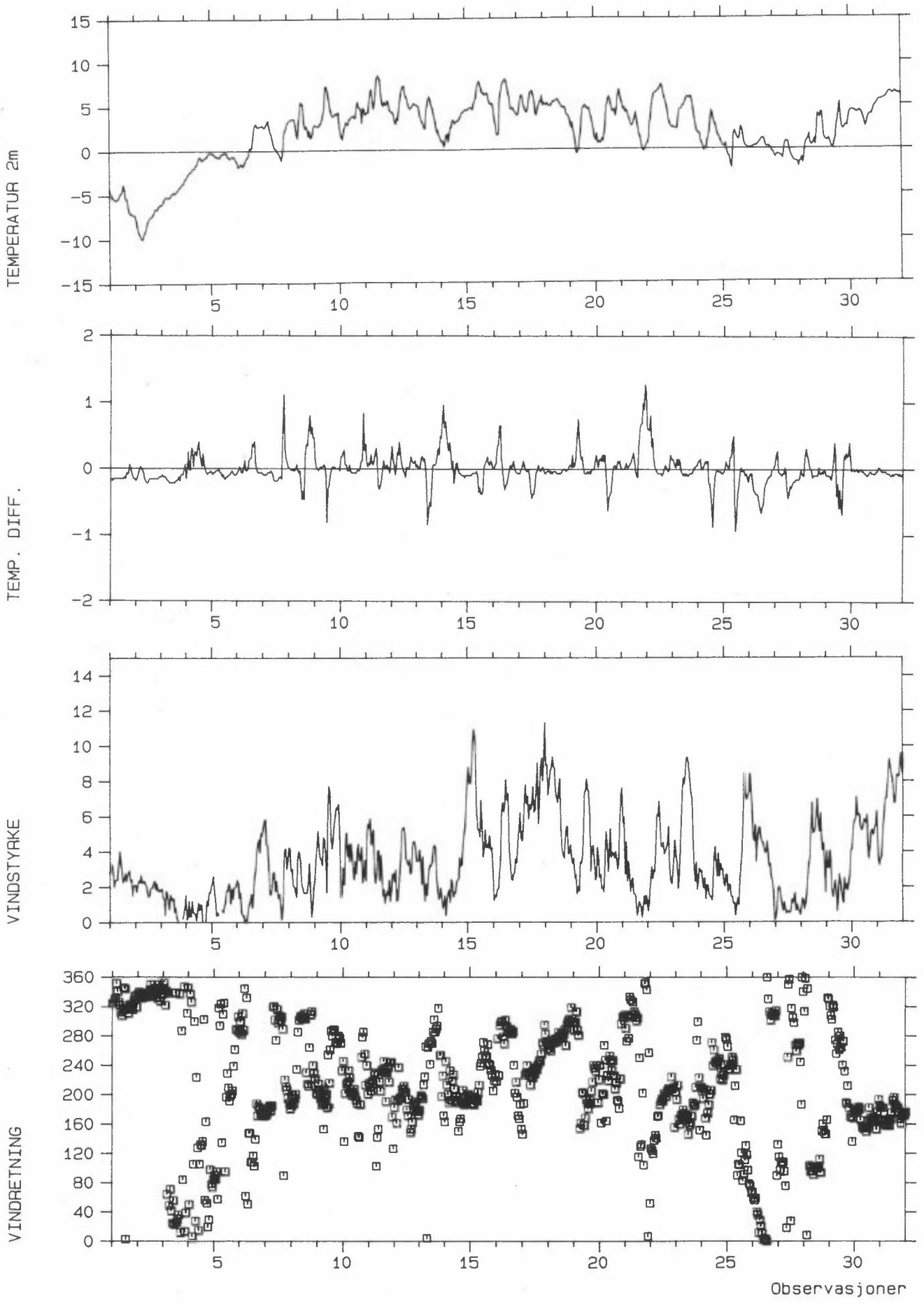
for månedene desember 1989, januar og februar 1990 ved Ås.

Stasjon: ÅS
Måned : DESEMBER 1989

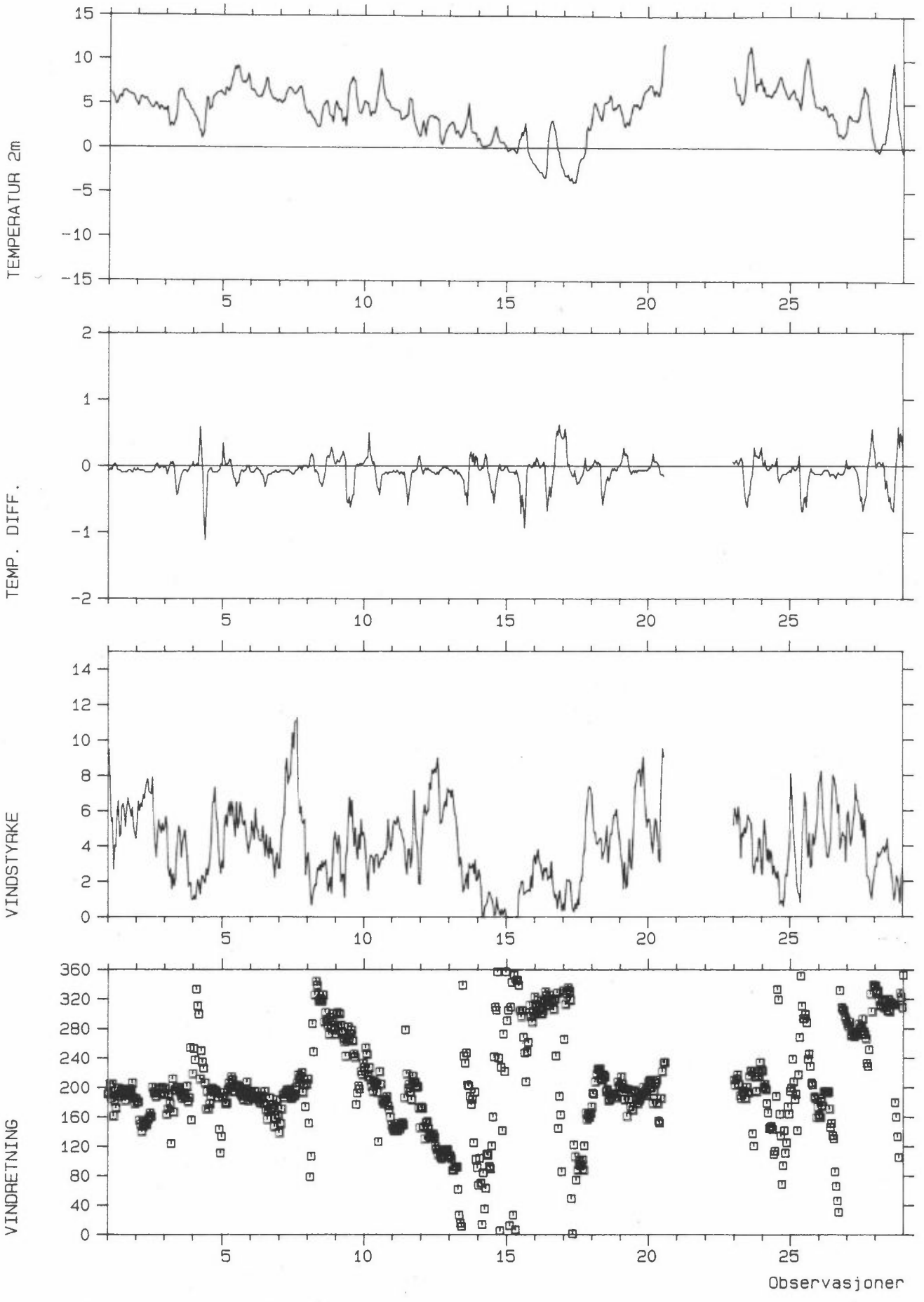


Stasjon: ÅS

Måned : JANUAR 1990



Stasjon: ÅS
Måned : FEBRUAR 1990



VEDLEGG C

Liste over timesmidlete meteorologiske data fra Ås.

Vinteren 1989/90 (01.12.89-28.02.90).

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 = vindstyrke (m/s) 25 m over bakken ved Ås
3. GUSTI1 = 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 vindretningsfluktuasjoner (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.
10. RH-2 = relativ fuktighet (%) 2 m over bakken ved Ås

Observasjoner 99 betegner manglende data.

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
1	12	89	1	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
1	12	89	2	298.	1.6	2.4	2.4	4.7	10.6	-3.7	-4.1	.16	.89
1	12	89	3	332.	1.5	2.2	2.0	5.1	11.5	-3.7	-4.2	.12	.89
1	12	89	4	337.	2.2	4.6	4.2	7.0	8.4	-3.8	-4.2	.19	.89
1	12	89	5	323.	2.5	4.0	3.8	6.0	8.2	-4.2	-4.5	.25	.88
1	12	89	6	314.	2.4	3.6	3.4	5.6	8.3	-4.3	-4.7	.19	.88
1	12	89	7	319.	2.0	3.0	2.8	8.7	9.8	-4.4	-4.6	.16	.88
1	12	89	8	340.	1.8	3.2	2.8	8.7	15.0	-4.5	-4.8	.12	.87
1	12	89	9	304.	1.8	2.8	2.6	6.9	11.8	-4.2	-4.6	.16	.88
1	12	89	10	311.	1.8	3.6	3.4	7.7	14.1	-3.9	-3.9	-.19	.89
1	12	89	11	315.	1.9	3.2	3.0	9.8	10.6	-3.3	-2.9	-.34	.91
1	12	89	12	329.	2.4	4.0	3.6	9.0	10.0	-2.6	-2.3	-.34	.92
1	12	89	13	328.	2.7	4.6	4.2	8.0	9.2	-1.7	-1.3	-.28	.91
1	12	89	14	337.	2.1	3.4	3.2	7.2	12.2	-.6	-.8	-.03	.90
1	12	89	15	312.	2.3	3.6	3.4	6.9	10.4	-.1	-.6	.03	.86
1	12	89	16	307.	2.3	3.6	3.4	4.9	12.2	-.6	-1.4	.22	.87
1	12	89	17	307.	1.3	2.2	2.0	6.0	12.7	-1.1	-1.8	.19	.92
1	12	89	18	319.	2.5	3.6	3.4	5.3	10.9	-1.7	-2.1	.09	.93
1	12	89	19	322.	2.8	4.2	4.0	6.7	11.1	-1.7	-2.5	.31	.91
1	12	89	20	316.	2.6	3.8	3.6	6.1	10.2	-2.3	-2.7	.16	.91
1	12	89	21	344.	1.2	3.2	3.0	12.2	36.1	-2.5	-3.2	.28	.91
1	12	89	22	319.	1.3	2.8	2.6	5.8	23.8	-2.2	-3.0	.59	.91
1	12	89	23	309.	2.6	3.8	3.6	4.7	8.9	-3.1	-3.4	.19	.91
1	12	89	24	318.	2.7	3.6	3.6	3.7	5.1	-3.6	-3.8	.22	.90
2	12	89	1	311.	2.8	3.6	3.6	5.1	6.6	-3.9	-4.1	.16	.90
2	12	89	2	305.	2.8	3.8	3.6	2.4	3.7	-3.9	-4.0	.25	.90
2	12	89	3	315.	2.6	3.4	3.2	2.8	4.7	-4.0	-4.2	.25	.90
2	12	89	4	301.	1.9	3.0	3.0	2.8	7.4	-4.2	-4.5	.62	.89
2	12	89	5	292.	1.4	2.2	2.0	4.2	16.9	-4.5	-4.9	.78	.88
2	12	89	6	298.	1.8	2.6	2.6	5.3	8.6	-5.2	-5.4	.28	.88
2	12	89	7	323.	2.1	3.6	3.2	6.6	7.8	-5.5	-5.7	.12	.86
2	12	89	8	322.	1.8	3.4	3.2	9.7	11.8	-5.6	-5.7	.00	.86
2	12	89	9	340.	1.3	2.4	2.2	10.1	12.3	-5.3	-5.4	.00	.87
2	12	89	10	339.	1.0	3.0	2.8	14.3	16.1	-4.6	-4.9	-.09	.87
2	12	89	11	326.	1.1	2.2	2.0	8.8	13.3	-3.5	-3.3	-.71	.90
2	12	89	12	263.	.6	1.6	1.4	8.4	19.9	-2.3	-1.9	-.93	.92
2	12	89	13	343.	.8	2.2	1.8	18.7	40.0	-1.1	-.8	-.75	.94
2	12	89	14	328.	1.3	2.4	2.2	7.0	10.3	-1.3	-1.6	-.28	.91
2	12	89	15	322.	2.1	2.6	2.6	3.4	10.8	-1.9	-2.4	.78	.90
2	12	89	16	321.	2.8	4.2	4.0	4.2	6.6	-2.6	-3.2	.47	.89
2	12	89	17	308.	2.4	3.4	3.2	4.0	7.6	-3.0	-3.6	.31	.89
2	12	89	18	314.	2.3	3.6	3.4	4.7	9.1	-3.3	-3.7	.19	.90
2	12	89	19	312.	2.9	4.6	4.2	4.0	6.3	-3.8	-4.1	.22	.90
2	12	89	20	311.	2.7	3.6	3.6	4.2	10.6	-3.8	-4.2	.37	.89
2	12	89	21	288.	3.1	4.2	4.2	3.4	8.1	-4.0	-4.3	.56	.88
2	12	89	22	259.	2.8	5.0	4.6	6.7	13.7	-3.5	-4.3	1.74	.88
2	12	89	23	242.	3.3	4.2	4.0	4.7	9.0	-2.4	-3.7	1.46	.88
2	12	89	24	262.	2.5	3.6	3.4	5.1	10.0	-.7	-1.9	.90	.87
3	12	89	1	267.	2.6	4.6	4.4	6.0	7.7	-.8	-1.9	.81	.86
3	12	89	2	187.	1.5	3.6	3.4	14.7	28.8	-.1	-1.1	.47	.86
3	12	89	3	256.	2.2	4.2	3.8	22.1	29.6	-.8	-2.2	.84	.89
3	12	89	4	243.	2.3	4.4	4.0	13.9	16.5	-.8	-1.8	.87	.89
3	12	89	5	197.	2.1	5.4	5.2	15.5	27.4	.6	-.4	.87	.89
3	12	89	6	197.	3.4	5.6	5.2	7.3	8.1	1.9	.6	.84	.89
3	12	89	7	201.	4.1	7.0	6.2	6.0	6.7	3.3	2.2	.43	.87
3	12	89	8	186.	3.1	5.4	5.2	9.2	10.2	3.7	2.6	.43	.88
3	12	89	9	122.	2.0	4.4	4.2	34.4	48.5	4.2	3.0	.50	.90
3	12	89	10	226.	1.5	4.2	3.8	23.0	32.6	5.0	3.8	.37	.88
3	12	89	11	214.	2.5	5.4	5.0	15.0	16.9	5.5	4.5	.65	.88
3	12	89	12	250.	2.8	5.4	5.2	14.6	21.6	6.2	5.6	.43	.87
3	12	89	13	247.	3.8	7.0	6.6	12.6	13.5	7.4	6.8	.75	.82
3	12	89	14	250.	3.7	7.8	7.2	14.6	17.2	8.4	8.0	.50	.80
3	12	89	15	266.	4.1	9.0	8.0	13.6	15.3	9.8	9.4	.28	.78
3	12	89	16	252.	5.3	12.0	11.8	16.6	17.0	10.1	9.7	.12	.80
3	12	89	17	235.	4.4	10.2	9.2	18.0	22.1	9.6	9.3	.06	.84
3	12	89	18	259.	4.2	10.0	9.6	16.9	20.4	8.8	8.5	-.03	.90
3	12	89	19	31.	2.1	9.2	8.4	64.2	76.2	8.2	7.5	.06	.94
3	12	89	20	269.	1.9	7.4	7.2	30.0	56.5	9.0	7.9	.37	.89
3	12	89	21	273.	2.4	5.4	5.2	19.9	22.8	10.3	9.1	.22	.74
3	12	89	22	290.	3.5	6.0	5.8	10.9	12.1	8.8	7.9	.43	.74
3	12	89	23	304.	4.1	8.8	7.8	11.1	13.6	7.6	6.9	.40	.72
3	12	89	24	134.	2.1	8.6	8.0	53.0	112.1	7.1	6.0	.25	.66

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	12	89	1	228.	1.1	3.2	3.0	39.9	51.3	7.3	5.9	.31	.62
4	12	89	2	276.	2.1	5.0	4.6	22.4	27.6	7.5	6.5	.22	.55
4	12	89	3	266.	3.0	5.2	4.8	9.9	11.9	6.9	6.1	.31	.52
4	12	89	4	254.	3.4	5.0	4.8	8.9	12.6	6.3	5.6	.34	.52
4	12	89	5	297.	3.2	5.4	5.0	11.9	18.0	6.0	5.5	.34	.50
4	12	89	6	318.	2.7	4.8	4.4	10.9	12.7	5.6	4.7	.22	.51
4	12	89	7	277.	2.2	3.8	3.6	11.3	20.5	4.6	2.9	.47	.57
4	12	89	8	115.	1.3	3.4	3.2	55.9	107.3	3.6	1.9	.68	.61
4	12	89	9	138.	1.1	2.6	2.4	25.5	34.6	3.8	2.0	.87	.63
4	12	89	10	125.	1.1	2.6	2.4	53.6	91.3	2.9	1.5	.56	.65
4	12	89	11	75.	.9	2.4	2.2	68.3	112.9	2.3	.8	1.21	.80
4	12	89	12	284.	.7	2.6	2.4	77.2	110.4	2.6	1.4	.62	.75
4	12	89	13	302.	1.1	2.4	2.2	43.8	53.6	2.6	1.2	.99	.74
4	12	89	14	270.	2.1	3.8	3.6	32.8	41.8	1.9	.6	2.24	.76
4	12	89	15	291.	2.7	3.6	3.4	4.0	7.7	3.5	1.8	1.58	.67
4	12	89	16	288.	2.6	5.0	4.8	65.9	98.3	1.4	.0	1.74	.78
4	12	89	17	305.	2.3	3.2	3.0	34.1	43.1	3.2	1.0	.87	.67
4	12	89	18	349.	2.2	4.4	4.2	27.0	38.2	1.4	-.5	1.06	.81
4	12	89	19	339.	2.7	4.4	4.2	4.4	8.1	.5	-1.0	1.49	.81
4	12	89	20	210.	1.9	4.2	4.0	40.3	74.1	-.1	-1.7	1.30	.79
4	12	89	21	257.	.5	2.4	2.2	47.3	62.5	.4	-2.0	1.34	.80
4	12	89	22	274.	1.0	2.6	2.4	25.6	34.1	-.3	-2.2	1.77	.89
4	12	89	23	332.	1.5	2.8	2.8	12.1	22.1	-2.0	-3.0	2.67	.90
4	12	89	24	339.	2.1	3.8	3.6	5.6	9.6	-2.2	-3.3	.81	.88
5	12	89	1	347.	2.3	4.0	3.8	6.3	10.2	-2.5	-3.6	.59	.77
5	12	89	2	318.	2.5	3.6	3.4	6.1	10.3	-3.2	-4.1	1.43	.82
5	12	89	3	329.	3.5	5.0	4.8	4.2	14.5	-3.5	-4.0	.84	.81
5	12	89	4	322.	2.6	4.2	4.0	8.0	10.0	-3.5	-3.8	.59	.85
5	12	89	5	337.	2.4	4.2	3.8	6.6	10.1	-3.1	-3.8	.09	.86
5	12	89	6	318.	3.1	5.6	5.2	5.4	14.3	-3.3	-3.7	.43	.88
5	12	89	7	322.	2.4	4.2	4.0	8.4	14.2	-3.0	-3.3	.43	.87
5	12	89	8	302.	2.4	4.6	4.2	8.2	23.3	-2.1	-2.6	.31	.81
5	12	89	9	318.	2.7	4.4	4.2	4.9	10.9	-2.4	-3.0	1.02	.82
5	12	89	10	318.	2.8	4.2	4.0	4.9	13.7	-2.2	-2.5	.75	.83
5	12	89	11	295.	1.4	3.0	2.8	15.8	25.5	-.8	-.6	.00	.79
5	12	89	12	336.	2.0	3.2	3.0	6.7	16.9	.3	.3	.96	.69
5	12	89	13	323.	.8	2.2	2.0	31.7	38.7	1.8	2.1	-.50	.67
5	12	89	14	269.	.9	2.2	2.2	30.6	53.5	1.1	.8	.06	.72
5	12	89	15	150.	.7	2.0	1.8	45.8	81.0	.6	.1	.56	.75
5	12	89	16	215.	1.6	3.8	3.6	15.2	33.4	.9	.3	.37	.70
5	12	89	17	242.	2.4	4.4	4.2	10.7	19.1	1.2	.5	.34	.67
5	12	89	18	172.	1.4	3.0	2.8	12.5	35.5	.6	-.3	.75	.79
5	12	89	19	83.	1.3	3.8	3.6	48.4	81.5	1.0	-.1	.43	.73
5	12	89	20	46.	.8	2.2	2.0	53.5	145.4	.3	-.4	.62	.79
5	12	89	21	323.	.3	1.4	1.2	41.6	94.9	.4	-.9	.59	.83
5	12	89	22	329.	1.5	2.6	2.4	7.0	13.0	-.6	-1.0	.78	.88
5	12	89	23	326.	3.4	4.8	4.6	3.7	7.6	-1.1	-1.3	.37	.86
5	12	89	24	301.	3.2	6.2	5.6	6.3	10.1	-.1	-1.3	1.71	.82
6	12	89	1	274.	3.4	5.8	5.4	10.6	16.2	.2	-1.0	2.17	.83
6	12	89	2	285.	2.8	6.8	6.4	17.9	20.6	2.8	1.4	1.09	.83
6	12	89	3	181.	1.8	5.8	5.4	23.6	35.1	2.6	1.5	.90	.86
6	12	89	4	245.	2.2	7.8	7.4	41.3	46.9	3.0	1.0	.78	.89
6	12	89	5	242.	3.8	8.0	7.6	10.5	11.3	3.5	3.1	.59	.85
6	12	89	6	226.	3.0	5.2	5.0	11.5	17.0	4.3	3.8	.53	.81
6	12	89	7	294.	1.3	3.6	3.2	46.9	60.7	6.4	5.4	.43	.72
6	12	89	8	193.	2.8	6.8	6.2	18.6	32.2	7.0	6.2	.37	.68
6	12	89	9	176.	2.1	5.2	5.0	16.9	25.7	5.7	4.7	.25	.72
6	12	89	10	218.	3.4	9.0	8.6	21.1	24.3	6.9	6.2	.37	.70
6	12	89	11	273.	.9	4.4	4.0	65.8	73.9	7.4	6.1	.31	.70
6	12	89	12	302.	5.2	13.8	13.2	17.0	18.3	8.7	8.7	-.31	.65
6	12	89	13	302.	10.1	19.8	18.8	11.6	11.7	9.5	9.5	-.12	.61
6	12	89	14	307.	10.7	18.8	17.4	11.0	11.2	9.1	8.9	-.06	.61
6	12	89	15	319.	10.3	22.4	21.6	13.0	14.7	8.4	8.2	-.03	.54
6	12	89	16	309.	8.5	17.6	16.0	12.3	12.5	7.5	7.3	.00	.52
6	12	89	17	322.	9.5	18.4	17.2	11.8	12.1	7.4	7.2	.00	.53
6	12	89	18	330.	9.8	16.8	16.2	12.2	12.5	7.6	7.3	.00	.52
6	12	89	19	330.	8.0	18.0	16.0	13.6	13.7	7.2	6.9	-.03	.51
6	12	89	20	326.	7.4	14.8	14.2	13.7	13.9	6.6	6.3	-.03	.52
6	12	89	21	321.	7.9	15.8	15.4	13.2	13.7	6.3	6.1	-.03	.51
6	12	89	22	312.	7.9	15.6	14.8	11.4	11.8	6.0	5.8	-.03	.50
6	12	89	23	326.	8.7	19.0	18.4	11.9	12.7	5.7	5.5	-.03	.47
6	12	89	24	305.	7.5	16.0	15.4	12.5	14.9	5.4	5.2	-.06	.47

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	12	89	1	333.	6.2	11.4	11.0	10.5	15.6	4.8	4.5	-.03	.49
7	12	89	2	297.	4.6	12.4	12.0	20.1	26.6	4.3	4.0	-.03	.47
7	12	89	3	333.	2.9	5.4	5.0	13.3	14.1	3.5	2.9	.03	.53
7	12	89	4	332.	3.5	5.8	5.4	8.7	13.3	3.0	2.4	.00	.56
7	12	89	5	291.	3.1	6.6	6.2	10.7	16.6	2.5	2.0	.03	.58
7	12	89	6	298.	2.8	4.8	4.4	7.7	10.0	1.6	1.2	.09	.62
7	12	89	7	297.	2.2	3.6	3.4	6.3	9.2	.9	.5	.19	.67
7	12	89	8	285.	2.1	4.4	4.4	6.1	9.4	1.0	.2	.31	.67
7	12	89	9	309.	3.9	5.0	4.8	4.4	7.6	.7	.2	.56	.68
7	12	89	10	3.	2.7	5.0	4.8	16.6	28.0	.1	.0	.00	.75
7	12	89	11	318.	2.0	4.4	4.0	11.0	14.9	1.3	1.8	-.40	.69
7	12	89	12	315.	2.0	5.2	5.0	13.3	16.7	2.3	3.0	-.59	.63
7	12	89	13	294.	1.5	3.0	2.8	10.5	16.4	3.0	3.5	-.47	.60
7	12	89	14	295.	2.1	3.4	3.0	7.0	7.8	2.8	2.8	-.16	.60
7	12	89	15	222.	1.9	3.6	3.4	17.4	25.4	3.2	2.9	-.16	.60
7	12	89	16	278.	1.1	2.0	1.8	26.8	68.0	1.9	1.0	.34	.64
7	12	89	17	298.	1.7	3.2	3.0	5.6	9.7	1.4	.8	.47	.78
7	12	89	18	288.	1.9	3.6	3.4	6.1	10.5	1.1	.6	.37	.73
7	12	89	19	330.	2.4	4.8	4.4	11.7	17.2	.6	-.2	.78	.81
7	12	89	20	291.	2.1	3.8	3.4	6.0	14.0	.2	-.7	.90	.83
7	12	89	21	240.	1.7	2.6	2.4	8.2	19.4	.2	-.8	1.18	.84
7	12	89	22	243.	2.4	4.4	4.0	9.5	13.2	.7	.1	.59	.78
7	12	89	23	232.	2.6	4.8	4.6	11.2	13.2	1.7	1.2	.47	.74
7	12	89	24	231.	2.4	4.0	3.8	8.4	10.8	1.7	1.1	.50	.76
8	12	89	1	254.	1.6	3.4	3.2	10.0	23.1	2.9	2.1	.37	.71
8	12	89	2	315.	1.4	4.6	4.4	34.4	52.3	3.2	2.0	.37	.76
8	12	89	3	292.	3.5	5.6	5.2	6.1	14.1	3.4	2.7	.59	.74
8	12	89	4	285.	3.2	7.0	6.8	5.4	8.8	3.5	2.9	.59	.74
8	12	89	5	347.	2.6	7.6	7.4	31.0	43.8	2.4	1.6	.53	.78
8	12	89	6	173.	2.3	4.2	4.0	26.9	63.9	3.6	2.3	.59	.79
8	12	89	7	323.	1.9	6.0	5.8	36.2	63.0	3.8	2.4	.50	.79
8	12	89	8	349.	2.8	4.4	4.0	5.1	12.3	4.2	3.0	.59	.76
8	12	89	9	62.	1.7	3.4	3.0	40.3	70.6	4.4	3.2	.37	.74
8	12	89	10	69.	2.6	4.6	4.4	11.6	17.6	2.3	1.9	.22	.77
8	12	89	11	70.	2.9	6.8	6.4	16.9	17.3	2.3	2.3	-.09	.73
8	12	89	12	87.	2.5	5.2	4.8	15.2	16.7	2.0	2.1	-.16	.71
8	12	89	13	70.	2.6	6.2	5.8	15.7	16.9	1.7	1.8	-.16	.74
8	12	89	14	79.	3.1	5.4	5.0	13.8	15.7	1.3	1.4	-.16	.75
8	12	89	15	59.	3.1	6.0	5.6	14.1	16.2	.3	.4	-.19	.82
8	12	89	16	38.	2.2	4.6	4.2	16.5	17.2	-.8	-.6	-.12	.94
8	12	89	17	38.	2.3	4.8	4.6	16.2	16.7	-.8	-.7	-.12	.93
8	12	89	18	25.	2.4	4.4	4.0	12.7	13.1	-.8	-.7	-.09	.93
8	12	89	19	27.	2.7	4.4	4.0	9.4	10.7	-.7	-.6	-.09	.92
8	12	89	20	55.	2.4	5.2	4.8	12.4	16.9	-.5	-.5	-.06	.90
8	12	89	21	34.	2.7	5.6	5.6	12.7	14.2	-.6	-.5	-.12	.90
8	12	89	22	24.	1.8	3.0	2.8	9.5	10.7	-.8	-.7	-.09	.91
8	12	89	23	11.	.9	2.6	2.4	15.2	18.6	-.8	-.8	-.06	.92
8	12	89	24	6.	1.4	3.2	3.0	12.7	17.9	-.6	-.7	-.06	.89
9	12	89	1	340.	1.2	2.4	2.2	8.8	16.5	-.9	-1.1	-.06	.90
9	12	89	2	335.	1.4	2.6	2.4	7.4	12.3	-1.1	-1.6	-.03	.92
9	12	89	3	35.	1.2	2.6	2.6	11.7	20.5	-1.1	-1.2	-.09	.91
9	12	89	4	350.	1.2	3.0	2.8	19.7	34.6	-1.0	-1.1	-.06	.89
9	12	89	5	339.	1.4	2.6	2.4	15.5	23.7	-1.1	-1.2	-.06	.91
9	12	89	6	41.	1.7	3.2	3.0	11.2	21.8	-1.0	-1.1	-.03	.89
9	12	89	7	63.	2.0	4.4	4.2	9.2	11.3	-.9	-.9	.00	.86
9	12	89	8	77.	2.9	5.0	4.6	11.3	12.8	-1.0	-1.0	-.12	.85
9	12	89	9	65.	3.0	5.8	5.2	12.6	17.2	-1.6	-1.6	-.16	.75
9	12	89	10	93.	2.6	5.2	5.0	19.0	20.9	-1.9	-1.8	-.16	.60
9	12	89	11	94.	1.5	3.8	3.6	23.9	26.9	-2.0	-1.9	-.19	.60
9	12	89	12	118.	2.1	4.4	4.0	10.2	12.8	-2.3	-2.1	-.19	.62
9	12	89	13	105.	2.4	4.0	3.8	8.9	10.1	-2.5	-2.4	-.19	.65
9	12	89	14	122.	1.5	3.8	3.6	14.9	18.2	-2.5	-2.3	-.22	.66
9	12	89	15	86.	.7	1.6	1.4	13.0	17.7	-2.5	-2.4	-.19	.66
9	12	89	16	129.	.6	1.8	1.6	11.4	24.1	-2.6	-2.5	-.16	.69
9	12	89	17	121.	.7	1.4	1.4	11.3	16.5	-2.7	-2.7	-.12	.72
9	12	89	18	170.	.5	1.2	1.2	16.3	24.0	-2.8	-2.7	-.16	.74
9	12	89	19	208.	.1	1.0	.8	41.0	77.2	-2.9	-2.8	-.16	.80
9	12	89	20	256.	.2	.8	.8	15.5	19.1	-3.0	-2.9	-.12	.88
9	12	89	21	180.	.4	1.2	1.2	28.6	34.5	-3.0	-2.8	-.09	.92
9	12	89	22	194.	1.4	2.6	2.4	9.6	11.2	-2.5	-2.5	.03	.93
9	12	89	23	191.	1.6	3.6	3.4	12.3	14.5	-2.0	-1.9	-.03	.94
9	12	89	24	214.	1.8	5.0	4.8	11.0	15.5	-1.5	-1.5	.00	.93

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	12	89	1	235.	1.9	4.2	3.8	11.9	14.0	-.7	-.8	.00	.93
10	12	89	2	292.	1.7	3.6	3.2	10.5	16.6	-.8	-.8	-.09	.93
10	12	89	3	326.	1.8	3.0	2.8	7.3	10.2	-1.4	-1.3	-.09	.94
10	12	89	4	298.	2.5	3.8	3.6	7.6	10.3	-1.7	-1.7	-.09	.93
10	12	89	5	298.	2.9	5.2	4.8	10.5	17.0	-1.7	-1.6	-.09	.93
10	12	89	6	304.	2.1	3.2	3.0	8.4	11.0	-1.5	-1.4	-.09	.93
10	12	89	7	330.	2.3	3.8	3.6	8.6	17.3	-1.4	-1.4	-.06	.93
10	12	89	8	321.	2.6	4.4	4.2	7.2	12.3	-1.2	-1.5	.34	.92
10	12	89	9	294.	3.1	9.8	9.6	23.4	33.9	-.4	-.7	.40	.91
10	12	89	10	294.	3.2	4.8	4.6	8.4	9.4	.4	.0	.62	.89
10	12	89	11	311.	3.0	4.2	4.0	5.6	8.7	1.2	.9	.37	.88
10	12	89	12	337.	3.0	5.8	5.4	8.8	10.6	.7	.5	.06	.89
10	12	89	13	308.	3.5	7.0	6.6	11.4	14.5	1.8	1.5	.16	.82
10	12	89	14	299.	2.6	7.2	6.8	14.4	16.6	3.2	2.9	.12	.79
10	12	89	15	316.	2.8	6.4	6.0	18.1	26.7	3.9	3.4	.37	.76
10	12	89	16	319.	2.2	4.0	3.8	19.8	23.9	3.0	1.9	.31	.81
10	12	89	17	302.	2.9	4.8	4.6	10.5	20.1	2.2	1.5	.47	.83
10	12	89	18	304.	3.4	5.0	4.6	4.9	8.3	1.0	.6	.53	.91
10	12	89	19	307.	3.9	6.2	5.8	6.1	7.2	1.3	.9	.37	.85
10	12	89	20	304.	4.5	7.0	6.4	5.4	6.4	1.5	1.0	.22	.76
10	12	89	21	312.	5.5	7.8	7.4	6.6	7.0	1.3	1.1	.09	.72
10	12	89	22	301.	4.6	7.4	7.0	9.6	10.5	1.3	1.0	.06	.70
10	12	89	23	312.	4.1	6.4	6.2	10.5	11.8	1.0	.8	.06	.70
10	12	89	24	335.	5.1	9.2	8.6	7.0	10.7	1.1	.8	.28	.73
11	12	89	1	312.	5.1	9.0	8.6	9.2	10.4	2.9	2.7	.00	.62
11	12	89	2	328.	3.9	7.2	6.2	9.2	12.3	2.9	2.7	.03	.65
11	12	89	3	329.	4.4	7.8	7.4	9.1	10.6	2.7	2.5	.00	.65
11	12	89	4	357.	5.2	11.0	10.6	11.7	14.5	2.9	2.5	.00	.60
11	12	89	5	337.	4.8	12.0	11.4	12.1	15.4	2.8	2.6	-.03	.55
11	12	89	6	347.	3.8	8.6	8.0	11.1	12.3	2.2	1.6	.00	.57
11	12	89	7	353.	3.9	8.8	8.0	10.5	12.2	1.4	.9	.00	.56
11	12	89	8	319.	3.8	7.6	6.8	7.6	12.7	.9	.4	.03	.55
11	12	89	9	322.	3.3	5.8	5.6	7.7	9.6	.5	.0	.06	.55
11	12	89	10	302.	2.8	4.8	4.6	9.0	11.6	-.3	-.7	-.09	.67
11	12	89	11	359.	1.2	4.6	4.2	70.5	80.4	.8	1.1	-.62	.67
11	12	89	12	343.	2.3	5.4	4.8	14.6	17.7	1.0	1.4	-.25	.54
11	12	89	13	342.	1.3	2.6	2.4	14.1	19.2	1.5	2.3	-.34	.52
11	12	89	14	128.	1.3	2.8	2.6	20.2	46.9	1.2	.9	-.16	.53
11	12	89	15	149.	1.8	3.2	3.0	6.7	8.1	.0	-.4	.06	.62
11	12	89	16	149.	2.0	3.0	2.8	4.9	6.6	-1.1	-1.5	.28	.75
11	12	89	17	191.	1.6	2.8	2.6	6.4	16.6	-1.4	-1.9	.25	.79
11	12	89	18	205.	1.4	3.0	2.8	5.4	11.7	-1.5	-2.2	.37	.82
11	12	89	19	243.	1.6	2.8	2.6	12.4	24.2	-1.6	-2.3	.50	.81
11	12	89	20	266.	1.4	2.8	2.6	10.5	13.6	-1.7	-2.4	.28	.77
11	12	89	21	259.	1.4	3.2	3.0	13.0	16.3	-1.8	-2.7	.28	.73
11	12	89	22	305.	2.0	3.8	3.6	10.7	16.6	-2.1	-2.6	.16	.73
11	12	89	23	309.	2.2	4.6	4.4	8.8	12.9	-3.2	-3.7	.09	.79
11	12	89	24	321.	2.3	6.0	5.8	9.1	14.7	-3.7	-3.9	.16	.78
12	12	89	1	274.	2.3	4.8	4.6	7.2	19.0	-3.7	-3.7	.09	.77
12	12	89	2	329.	2.6	5.6	4.6	27.4	37.6	-4.0	-4.2	.22	.82
12	12	89	3	340.	1.6	3.0	2.8	12.2	18.9	-3.9	-5.0	.25	.81
12	12	89	4	262.	1.8	5.4	5.0	29.6	36.1	-3.4	-4.5	.40	.82
12	12	89	5	259.	2.6	5.4	5.0	10.1	11.7	-3.2	-3.6	.37	.86
12	12	89	6	260.	2.7	4.4	4.2	10.0	13.3	-3.1	-3.6	.53	.88
12	12	89	7	238.	1.8	4.4	4.2	27.0	30.0	-2.4	-3.5	.47	.88
12	12	89	8	238.	1.6	4.8	4.6	19.1	33.1	-3.5	-4.5	.68	.91
12	12	89	9	322.	2.1	5.8	5.2	25.8	36.3	-2.9	-3.4	.31	.88
12	12	89	10	333.	2.7	5.0	4.8	8.9	11.4	-2.8	-3.0	.12	.85
12	12	89	11	329.	3.1	5.4	5.2	14.7	17.7	-2.8	-2.7	.16	.84
12	12	89	12	301.	2.4	4.4	4.2	13.2	15.8	-2.2	-2.4	.50	.90
12	12	89	13	340.	2.1	4.2	4.2	12.2	20.0	-1.3	-.7	-.34	.87
12	12	89	14	336.	1.1	2.4	2.2	14.4	26.3	-.7	-1.0	-.25	.88
12	12	89	15	297.	1.7	3.4	3.2	10.4	13.6	-1.4	-1.7	-.03	.89
12	12	89	16	311.	1.6	2.8	2.6	4.4	11.9	-1.9	-3.3	.68	.93
12	12	89	17	27.	.6	1.6	1.6	17.0	27.1	-2.0	-3.5	.59	.93
12	12	89	18	316.	1.3	3.4	3.2	31.9	46.5	-2.1	-3.7	.96	.93
12	12	89	19	291.	2.2	4.0	3.8	8.9	17.0	-3.2	-4.0	1.80	.93
12	12	89	20	314.	2.8	3.6	3.6	3.1	12.3	-3.9	-4.5	1.89	.91
12	12	89	21	330.	3.6	4.4	4.4	4.2	10.9	-4.6	-5.0	.90	.90
12	12	89	22	304.	3.8	5.4	5.2	3.7	8.9	-4.7	-5.4	.84	.87
12	12	89	23	353.	2.4	5.0	4.8	10.9	15.5	-5.1	-6.0	.59	.85
12	12	89	24	343.	3.0	4.6	4.4	5.6	11.0	-4.2	-5.3	.34	.80

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	12	89	1	326.	3.4	5.8	5.6	5.3	8.7	-4.0	-5.0	.31	.76
13	12	89	2	321.	3.9	5.8	5.4	4.0	8.3	-4.2	-4.9	.34	.75
13	12	89	3	333.	3.7	5.8	5.4	6.1	12.0	-4.2	-4.8	.31	.73
13	12	89	4	326.	2.4	3.6	3.4	5.8	11.9	-5.1	-5.8	.25	.78
13	12	89	5	316.	2.0	3.8	3.6	6.7	10.6	-5.4	-6.0	.62	.82
13	12	89	6	125.	1.4	3.2	3.2	30.0	106.9	-5.5	-6.5	.37	.81
13	12	89	7	14.	1.8	4.2	3.6	18.0	26.4	-5.8	-6.9	.28	.74
13	12	89	8	336.	1.5	3.6	3.4	19.0	31.3	-6.3	-7.1	.03	.78
13	12	89	9	48.	1.7	4.6	4.0	13.4	29.0	-6.8	-7.6	.22	.81
13	12	89	10	0.	2.1	4.6	4.4	16.8	17.8	-6.0	-6.2	-.37	.71
13	12	89	11	37.	1.8	4.0	3.6	14.3	17.0	-5.4	-5.0	-.59	.69
13	12	89	12	67.	1.3	3.2	3.0	22.2	24.8	-4.9	-4.1	-.75	.67
13	12	89	13	83.	1.6	3.6	3.4	20.6	22.5	-4.8	-4.3	-.81	.67
13	12	89	14	115.	1.3	2.8	2.6	14.9	24.6	-5.1	-5.4	-.40	.70
13	12	89	15	58.	1.5	2.8	2.8	9.3	21.8	-6.2	-6.5	-.25	.73
13	12	89	16	82.	1.1	1.6	1.6	5.6	25.7	-6.9	-7.9	.09	.78
13	12	89	17	260.	.4	1.4	1.2	42.5	109.3	-7.2	-8.2	.03	.80
13	12	89	18	288.	1.1	2.8	2.6	14.4	29.5	-7.4	-8.0	.03	.85
13	12	89	19	299.	1.5	2.0	2.0	3.7	15.8	-8.2	-8.6	.22	.84
13	12	89	20	328.	1.3	2.4	2.4	11.0	30.8	-8.8	-9.7	.56	.82
13	12	89	21	315.	1.1	2.4	2.2	8.8	16.8	-9.3	-9.8	1.09	.81
13	12	89	22	308.	2.4	4.2	4.0	6.6	10.7	-9.6	-9.8	.34	.80
13	12	89	23	332.	2.8	4.2	4.0	4.9	10.9	-9.4	-9.5	.12	.82
13	12	89	24	343.	2.3	4.8	4.6	8.7	12.9	-9.2	-9.2	-.03	.82
14	12	89	1	325.	2.4	4.6	4.2	8.9	11.6	-8.7	-8.6	-.09	.84
14	12	89	2	333.	2.0	4.0	3.8	9.9	12.2	-8.7	-8.4	-.12	.84
14	12	89	3	359.	2.0	4.0	3.6	7.3	11.6	-8.9	-8.9	-.09	.83
14	12	89	4	325.	1.9	3.4	3.2	6.6	11.8	-9.8	-10.1	.09	.81
14	12	89	5	10.	1.4	3.0	2.8	9.3	22.3	-9.8	-9.7	.06	.81
14	12	89	6	342.	1.6	3.4	3.0	8.4	11.8	-9.7	-9.5	-.09	.81
14	12	89	7	353.	1.6	3.4	3.0	9.2	10.7	-9.4	-9.1	-.12	.82
14	12	89	8	15.	1.4	2.8	2.6	14.3	15.0	-9.6	-9.3	-.12	.82
14	12	89	9	352.	1.5	3.2	2.8	9.9	13.0	-10.2	-10.3	-.06	.80
14	12	89	10	346.	1.0	2.6	2.6	16.9	18.7	-10.5	-10.7	-.06	.78
14	12	89	11	342.	1.2	2.4	2.2	13.3	18.0	-10.1	-9.7	-.22	.80
14	12	89	12	17.	.8	2.0	1.8	15.5	21.3	-10.0	-9.7	-.09	.80
14	12	89	13	7.	1.0	2.6	2.4	16.0	18.1	-9.5	-9.3	-.06	.81
14	12	89	14	66.	1.4	3.6	3.4	19.5	26.2	-9.3	-9.4	-.09	.81
14	12	89	15	38.	1.4	3.2	3.0	17.9	20.7	-9.3	-9.2	-.12	.81
14	12	89	16	49.	1.8	3.8	3.6	19.7	22.3	-9.3	-9.1	-.19	.81
14	12	89	17	32.	1.3	3.2	3.0	21.9	22.4	-9.2	-9.0	-.16	.81
14	12	89	18	77.	1.4	3.8	3.4	21.7	29.2	-9.3	-9.1	-.16	.80
14	12	89	19	17.	1.6	3.8	3.6	19.7	30.5	-9.5	-9.3	-.16	.79
14	12	89	20	20.	1.8	4.4	4.0	13.8	16.8	-10.0	-9.8	-.19	.78
14	12	89	21	3.	2.0	5.2	4.8	17.1	18.9	-10.1	-9.9	-.19	.77
14	12	89	22	350.	1.0	2.8	2.6	15.7	17.6	-10.2	-10.0	-.19	.78
14	12	89	23	343.	1.9	4.4	4.0	10.0	10.9	-10.6	-10.3	-.19	.77
14	12	89	24	346.	2.1	4.6	4.0	9.3	10.2	-10.8	-10.5	-.19	.76
15	12	89	1	7.	2.1	4.0	3.8	9.2	11.0	-11.2	-11.0	-.19	.75
15	12	89	2	13.	1.9	3.6	3.0	7.7	9.6	-12.1	-12.4	-.06	.73
15	12	89	3	3.	1.7	3.2	3.2	7.6	8.7	-12.7	-13.1	.09	.72
15	12	89	4	3.	1.3	2.4	2.4	7.2	9.9	-12.7	-12.9	.00	.73
15	12	89	5	1.	1.6	3.0	2.8	7.3	9.0	-12.8	-13.0	-.06	.73
15	12	89	6	15.	2.0	3.2	3.0	5.3	6.6	-13.5	-13.8	.00	.71
15	12	89	7	25.	1.9	3.4	3.2	6.0	13.0	-13.8	-14.2	.06	.71
15	12	89	8	46.	1.3	2.2	2.0	8.8	13.1	-14.0	-14.5	.16	.70
15	12	89	9	67.	1.4	2.6	2.6	4.9	15.7	-14.1	-14.8	.28	.69
15	12	89	10	8.	.7	1.6	1.4	21.4	33.6	-13.3	-14.3	.09	.70
15	12	89	11	336.	1.3	2.6	2.4	8.6	13.0	-13.2	-12.8	-.06	.73
15	12	89	12	329.	1.7	3.6	3.4	11.3	18.5	-12.7	-12.2	-.16	.75
15	12	89	13	328.	1.0	2.0	1.6	13.3	21.4	-12.2	-11.9	-.12	.76
15	12	89	14	359.	.8	2.0	1.8	14.4	29.1	-12.0	-11.7	-.12	.76
15	12	89	15	22.	1.0	2.4	2.2	22.3	29.2	-12.1	-12.0	.22	.75
15	12	89	16	27.	.5	1.6	1.4	49.0	76.0	-11.9	-12.2	.34	.75
15	12	89	17	277.	.6	2.4	2.4	34.3	39.8	-10.8	-10.6	.00	.78
15	12	89	18	219.	.9	2.6	2.2	25.7	30.7	-9.6	-9.4	.22	.81
15	12	89	19	302.	1.0	3.2	3.0	23.4	30.4	-9.0	-9.2	.25	.82
15	12	89	20	285.	1.2	2.4	2.2	22.7	30.2	-8.9	-8.7	.50	.82
15	12	89	21	314.	1.3	3.2	3.0	15.1	20.4	-9.0	-8.8	.03	.82
15	12	89	22	311.	2.0	3.6	3.2	11.2	12.0	-9.1	-9.0	.00	.81
15	12	89	23	335.	2.0	5.0	4.8	13.3	15.2	-8.8	-8.6	-.09	.82
15	12	89	24	333.	2.4	4.8	4.6	7.4	9.2	-8.7	-8.5	-.03	.82

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	12	89	1	328.	2.2	3.6	3.4	8.8	11.2	-8.9	-8.7	.09	.83
16	12	89	2	336.	2.2	4.4	4.0	10.3	12.4	-8.9	-8.7	-.09	.83
16	12	89	3	307.	1.9	3.2	3.0	10.7	15.9	-8.6	-8.4	-.12	.83
16	12	89	4	321.	1.8	3.0	2.6	8.8	10.6	-8.4	-8.2	-.09	.84
16	12	89	5	321.	2.0	3.8	3.6	9.9	10.6	-8.3	-8.1	-.09	.84
16	12	89	6	315.	1.9	3.4	3.2	9.4	10.2	-8.1	-7.9	-.03	.84
16	12	89	7	284.	2.2	4.0	3.8	10.1	13.2	-7.9	-7.7	.25	.85
16	12	89	8	247.	2.3	5.4	5.2	31.4	33.9	-6.7	-7.0	1.74	.86
16	12	89	9	256.	1.7	3.0	2.8	22.3	27.0	-6.6	-7.3	2.36	.86
16	12	89	10	229.	1.1	3.4	3.0	27.4	29.2	-4.5	-6.7	1.80	.86
16	12	89	11	211.	.2	1.8	1.6	66.5	84.3	-1.8	-3.9	.47	.86
16	12	89	12	326.	1.1	3.2	2.8	31.6	46.0	-.8	-2.2	-.03	.88
16	12	89	13	139.	.5	2.6	2.4	86.8	112.2	.0	-1.6	.22	.88
16	12	89	14	204.	1.3	3.0	2.8	23.3	29.9	.5	-.4	.03	.83
16	12	89	15	103.	1.6	3.0	3.0	23.9	42.3	-.2	-2.2	.90	.83
16	12	89	16	146.	1.0	2.2	2.2	19.3	44.6	-.2	-2.3	.56	.85
16	12	89	17	347.	.7	2.0	1.8	59.2	80.5	-3.0	-3.8	1.74	.87
16	12	89	18	89.	.8	2.6	2.6	36.5	45.5	-3.1	-4.1	1.37	.87
16	12	89	19	104.	1.8	3.0	2.8	5.6	10.9	-2.4	-3.7	.99	.87
16	12	89	20	8.	1.0	2.8	2.8	26.6	44.1	-3.0	-3.7	1.34	.87
16	12	89	21	73.	3.3	7.8	7.0	14.4	20.2	-2.4	-2.5	.06	.81
16	12	89	22	62.	5.2	10.0	9.6	14.1	15.3	-3.1	-3.0	-.16	.81
16	12	89	23	58.	6.4	12.2	11.6	15.0	15.2	-3.6	-3.4	-.16	.82
16	12	89	24	53.	6.0	11.6	10.8	15.8	16.0	-4.1	-3.9	-.16	.85
17	12	89	1	42.	4.5	10.6	10.2	18.9	19.4	-4.5	-4.3	-.16	.85
17	12	89	2	42.	5.0	13.2	12.0	19.9	20.1	-4.5	-4.2	-.16	.85
17	12	89	3	52.	4.7	11.2	10.2	24.8	25.2	-4.3	-4.1	-.16	.85
17	12	89	4	53.	5.4	13.4	12.8	23.3	23.5	-4.1	-3.9	-.16	.85
17	12	89	5	48.	4.6	12.2	10.6	22.5	23.1	-3.6	-3.5	-.09	.81
17	12	89	6	39.	5.2	11.0	10.6	17.8	18.2	-3.5	-3.4	-.09	.80
17	12	89	7	13.	4.1	9.8	9.2	18.0	19.8	-3.8	-3.7	-.12	.81
17	12	89	8	6.	3.6	8.2	7.6	14.9	15.7	-4.1	-4.0	-.16	.83
17	12	89	9	8.	3.8	8.0	7.2	13.6	14.0	-4.3	-4.1	-.16	.84
17	12	89	10	28.	4.4	9.6	9.0	15.3	15.7	-3.9	-3.7	-.12	.80
17	12	89	11	31.	4.3	8.0	7.6	14.9	15.5	-3.6	-3.5	-.12	.78
17	12	89	12	20.	3.6	7.6	7.0	18.4	18.8	-3.5	-3.3	-.16	.79
17	12	89	13	22.	4.4	9.2	8.4	14.6	15.1	-3.5	-3.3	-.16	.80
17	12	89	14	28.	4.5	9.4	8.6	14.8	15.5	-3.3	-3.1	-.16	.79
17	12	89	15	29.	4.5	9.6	8.6	17.3	18.5	-3.4	-3.2	-.16	.81
17	12	89	16	21.	4.2	9.8	9.4	15.8	16.8	-3.8	-3.6	-.16	.85
17	12	89	17	18.	4.2	8.8	8.4	15.6	16.0	-3.5	-3.3	-.12	.81
17	12	89	18	31.	4.5	9.6	9.0	17.1	17.6	-3.4	-3.3	-.16	.83
17	12	89	19	38.	4.0	9.4	9.2	19.2	19.7	-3.2	-3.1	-.12	.83
17	12	89	20	31.	4.3	9.0	8.4	18.3	18.4	-2.9	-2.8	-.12	.82
17	12	89	21	18.	3.9	8.6	8.2	18.0	18.7	-2.8	-2.6	-.12	.83
17	12	89	22	13.	3.6	7.6	7.2	15.5	15.7	-2.6	-2.5	-.12	.84
17	12	89	23	15.	3.6	8.0	7.2	16.1	16.8	-2.1	-2.0	-.12	.85
17	12	89	24	31.	2.2	6.0	5.2	19.4	20.0	-1.3	-1.1	-.12	.89
18	12	89	1	18.	2.6	5.4	5.2	15.3	15.8	-.8	-.6	-.12	.91
18	12	89	2	360.	1.7	4.0	3.8	14.6	16.1	-.3	-.2	-.09	.92
18	12	89	3	333.	1.5	3.0	2.8	15.3	19.1	-.3	-.1	-.09	.93
18	12	89	4	336.	2.2	4.4	4.2	17.6	19.8	-.5	-.3	-.12	.93
18	12	89	5	309.	2.7	4.4	4.2	13.6	14.5	-.7	-.5	-.16	.93
18	12	89	6	295.	1.8	4.2	4.0	19.4	20.5	-.8	-.6	-.16	.93
18	12	89	7	359.	1.0	3.4	3.2	31.2	36.9	-.7	-.5	-.16	.93
18	12	89	8	349.	1.0	3.4	3.2	28.5	33.2	-.7	-.5	-.16	.93
18	12	89	9	315.	1.3	3.4	3.4	39.6	54.3	-.8	-.7	-.09	.92
18	12	89	10	120.	.9	3.4	3.2	46.7	100.2	-.1	-.5	.65	.93
18	12	89	11	194.	3.3	7.4	6.8	10.9	20.3	2.1	1.2	.71	.94
18	12	89	12	205.	4.8	9.0	8.8	10.9	14.0	4.2	4.0	-.06	.93
18	12	89	13	217.	6.1	14.2	13.6	12.3	12.9	5.1	5.0	-.19	.87
18	12	89	14	208.	6.2	14.2	13.6	13.9	14.1	5.2	5.1	-.16	.85
18	12	89	15	194.	6.7	17.8	15.8	14.4	15.5	5.1	4.9	.00	.83
18	12	89	16	210.	6.6	15.6	14.8	14.1	15.8	5.2	5.0	.00	.81
18	12	89	17	210.	7.2	16.4	15.0	14.5	14.7	5.2	5.0	.03	.82
18	12	89	18	214.	10.1	18.8	18.0	12.7	13.0	5.3	5.2	.00	.81
18	12	89	19	219.	9.2	16.6	15.6	13.6	14.0	5.3	5.2	.00	.81
18	12	89	20	221.	6.4	15.6	14.2	13.3	13.9	5.3	5.1	.00	.80
18	12	89	21	219.	5.3	10.8	9.8	14.1	14.8	5.0	4.8	.03	.80
18	12	89	22	188.	3.7	12.2	11.8	20.2	23.8	4.8	4.4	.00	.81
18	12	89	23	200.	4.9	9.0	8.8	10.8	13.8	4.5	4.1	.06	.82
18	12	89	24	191.	4.5	9.0	8.4	11.8	12.3	4.2	3.8	.03	.84

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	12	89	1	205.	3.7	7.4	7.2	17.6	19.0	3.8	3.5	.00	.85
19	12	89	2	221.	3.8	7.4	6.8	12.8	14.1	3.6	3.4	-.03	.87
19	12	89	3	233.	2.9	5.0	4.8	10.8	13.3	3.5	3.3	.00	.87
19	12	89	4	311.	1.7	4.4	4.0	33.0	45.2	3.3	2.9	.00	.88
19	12	89	5	316.	1.6	4.2	3.8	14.5	21.6	2.9	2.5	.00	.90
19	12	89	6	312.	2.1	3.6	3.6	4.9	9.1	2.3	1.9	.31	.92
19	12	89	7	315.	2.9	3.8	3.6	4.9	8.6	1.9	1.7	.25	.91
19	12	89	8	336.	2.2	3.6	3.4	6.6	10.7	1.4	1.1	.31	.93
19	12	89	9	328.	2.9	4.2	4.0	5.8	8.2	.9	.6	.34	.93
19	12	89	10	302.	3.3	5.8	5.2	6.0	10.9	1.2	.8	.34	.89
19	12	89	11	298.	3.2	6.4	6.2	7.8	11.4	1.4	1.1	.22	.84
19	12	89	12	302.	3.5	6.2	6.0	11.5	13.9	2.5	2.5	-.22	.66
19	12	89	13	308.	3.4	6.8	6.2	13.4	13.8	2.8	2.8	-.12	.63
19	12	89	14	307.	3.4	6.0	5.6	11.5	12.9	2.7	2.6	-.03	.59
19	12	89	15	294.	3.6	7.2	7.0	11.8	16.0	3.2	2.8	.00	.56
19	12	89	16	278.	2.8	6.6	6.2	15.6	17.2	2.4	1.8	.12	.58
19	12	89	17	280.	3.2	7.6	7.4	15.7	18.2	1.8	1.5	.09	.60
19	12	89	18	292.	2.7	7.0	6.8	22.2	23.2	1.2	.9	.12	.64
19	12	89	19	311.	3.4	6.6	6.4	10.2	12.7	1.5	1.1	.19	.64
19	12	89	20	325.	3.7	6.8	6.4	10.0	13.3	1.2	.8	.16	.63
19	12	89	21	323.	2.9	6.8	6.6	15.5	16.3	1.0	.5	.06	.62
19	12	89	22	323.	3.7	8.2	7.8	17.1	18.2	1.4	.9	.12	.57
19	12	89	23	302.	4.9	9.4	8.6	15.7	18.0	1.4	1.2	.03	.57
19	12	89	24	297.	4.1	8.4	8.2	14.0	14.6	1.0	.9	-.03	.59
20	12	89	1	287.	5.1	10.6	10.0	15.8	16.2	.8	.8	.03	.62
20	12	89	2	301.	4.4	9.0	8.4	15.9	19.2	.6	.5	.03	.63
20	12	89	3	307.	3.0	10.4	9.8	38.7	39.3	.7	.5	.03	.63
20	12	89	4	343.	2.7	7.0	6.8	31.3	36.3	.7	.5	.00	.60
20	12	89	5	302.	2.0	6.2	6.0	59.9	84.0	.6	-.1	.09	.59
20	12	89	6	284.	4.2	7.8	7.2	8.1	14.8	.8	.4	.09	.54
20	12	89	7	312.	4.4	6.4	6.2	5.8	11.2	.5	.0	.22	.53
20	12	89	8	316.	3.8	6.8	6.6	10.2	11.6	.1	-.4	.09	.51
20	12	89	9	243.	3.3	5.4	5.2	15.7	32.5	-.7	-1.1	.19	.59
20	12	89	10	243.	1.9	4.4	4.2	46.7	63.1	-.9	-2.1	.62	.58
20	12	89	11	260.	1.2	2.2	2.0	13.8	19.0	-.1	-.6	-.16	.48
20	12	89	12	339.	1.5	3.4	3.2	21.1	42.3	-1.2	-2.4	.62	.58
20	12	89	13	332.	3.2	4.6	4.4	6.7	13.5	-2.2	-2.5	.34	.67
20	12	89	14	337.	2.8	6.0	5.4	9.8	11.1	-2.2	-2.4	.00	.62
20	12	89	15	336.	2.7	4.2	4.0	7.3	9.0	-3.0	-3.2	.06	.69
20	12	89	16	335.	2.9	5.8	5.4	7.3	8.3	-2.5	-2.9	.09	.67
20	12	89	17	333.	2.2	4.2	4.0	8.6	9.9	-3.0	-3.4	.06	.70
20	12	89	18	325.	2.5	4.2	3.8	8.7	11.1	-3.6	-4.0	.16	.71
20	12	89	19	337.	2.6	5.4	5.0	8.2	10.7	-3.6	-3.8	.25	.73
20	12	89	20	21.	1.9	3.2	3.2	9.5	17.7	-3.4	-3.7	.87	.72
20	12	89	21	101.	1.8	3.8	3.6	20.3	40.5	-1.7	-2.5	.90	.75
20	12	89	22	89.	2.6	4.2	4.0	8.4	11.2	-.4	-.7	.28	.85
20	12	89	23	63.	2.0	4.0	3.8	14.1	18.0	.1	-.4	.16	.88
20	12	89	24	80.	2.5	4.8	4.4	11.6	13.3	-.1	-.1	.03	.85
21	12	89	1	67.	3.2	5.8	5.4	12.7	13.4	.0	.0	-.03	.82
21	12	89	2	59.	4.2	8.8	8.0	11.7	12.6	-.6	-.5	-.12	.84
21	12	89	3	70.	4.2	7.6	7.4	14.8	15.3	-1.1	-1.0	-.12	.91
21	12	89	4	70.	4.6	10.4	9.6	14.9	15.1	-1.3	-1.1	-.19	.91
21	12	89	5	46.	4.6	9.4	8.8	18.0	18.7	-1.9	-1.7	-.16	.90
21	12	89	6	60.	4.0	9.4	8.6	19.1	19.8	-1.8	-1.6	-.16	.90
21	12	89	7	58.	3.9	8.8	8.2	19.6	19.7	-1.5	-1.3	-.16	.90
21	12	89	8	37.	1.9	5.4	5.2	31.4	33.0	-1.1	-1.0	-.16	.90
21	12	89	9	27.	2.9	5.4	5.0	14.7	16.2	-1.5	-1.3	-.12	.89
21	12	89	10	1.	2.9	6.2	6.0	13.9	19.5	-1.2	-1.0	-.12	.88
21	12	89	11	354.	2.8	7.2	6.6	13.0	14.1	-.9	-.8	-.16	.88
21	12	89	12	323.	3.3	6.2	5.6	10.1	16.7	-.4	-.3	-.16	.88
21	12	89	13	325.	3.7	6.8	6.2	8.4	10.6	-.6	-.5	-.19	.87
21	12	89	14	308.	3.1	6.0	6.0	7.7	11.8	-.6	-.5	-.16	.85
21	12	89	15	326.	3.5	5.8	5.4	7.4	10.1	-.7	-.6	-.16	.84
21	12	89	16	308.	3.1	5.2	4.8	8.0	9.6	-.7	-.6	-.12	.84
21	12	89	17	336.	2.7	4.4	4.2	8.6	11.3	-.6	-.5	-.12	.84
21	12	89	18	319.	2.1	3.4	3.0	8.7	10.5	-.5	-.4	-.12	.84
21	12	89	19	309.	2.0	3.6	3.2	10.0	14.0	-.5	-.4	-.16	.84
21	12	89	20	318.	2.2	3.6	3.4	8.8	10.4	-.6	-.5	-.16	.86
21	12	89	21	335.	1.5	2.8	2.8	9.7	19.1	-.6	-.4	-.16	.90
21	12	89	22	319.	1.6	2.8	2.6	8.9	10.1	-.6	-.4	-.12	.91
21	12	89	23	333.	1.4	2.6	2.4	11.1	13.4	-.5	-.3	-.12	.92
21	12	89	24	28.	.8	2.0	1.8	20.8	30.8	-.3	-.1	-.12	.92

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	12	89	1	44.	1.1	2.6	2.4	11.4	14.5	-.4	-.2	-.19	.94
22	12	89	2	121.	.9	1.8	1.6	8.1	30.4	-.5	-.3	-.12	.94
22	12	89	3	276.	.5	1.4	1.2	12.5	51.0	-.3	-.2	-.12	.94
22	12	89	4	226.	.6	1.6	1.6	14.3	20.2	-.2	.0	-.09	.94
22	12	89	5	86.	-9900.0	-9900.0	-9900.0	56.3	84.6	.0	.1	-.09	.94
22	12	89	6	111.	.2	1.0	1.0	45.0	61.4	-.1	.1	-.03	.94
22	12	89	7	127.	.0	.6	.6	6.7	12.1	-.1	.0	-.09	.94
22	12	89	8	121.	.8	3.2	3.0	9.6	11.9	-.3	-.1	-.12	.93
22	12	89	9	112.	1.2	3.0	2.8	33.9	41.2	-.4	-.3	-.06	.92
22	12	89	10	70.	2.6	5.2	4.6	13.9	16.6	-.6	-.5	-.09	.89
22	12	89	11	39.	1.5	4.6	4.4	26.0	33.2	-.6	-.5	-.16	.87
22	12	89	12	42.	2.2	5.8	5.6	17.7	19.6	-.7	-.5	-.19	.88
22	12	89	13	49.	2.1	5.2	4.8	23.9	26.6	-.6	-.4	-.16	.88
22	12	89	14	35.	1.8	5.2	4.8	24.3	27.0	-.7	-.5	-.19	.88
22	12	89	15	39.	2.2	4.8	4.6	17.9	18.5	-1.0	-.8	-.16	.89
22	12	89	16	20.	2.8	6.4	5.8	17.7	19.8	-1.1	-.9	-.16	.88
22	12	89	17	18.	2.6	7.0	6.8	17.3	18.2	-1.1	-1.0	-.12	.88
22	12	89	18	359.	2.5	5.2	5.0	15.5	17.3	-.9	-.7	-.16	.88
22	12	89	19	21.	2.2	5.0	5.0	14.1	17.9	-.7	-.6	-.12	.88
22	12	89	20	350.	2.2	4.6	4.4	14.1	16.2	-.4	-.3	-.12	.89
22	12	89	21	347.	3.0	5.8	5.4	10.5	12.0	-.3	-.2	-.12	.89
22	12	89	22	323.	3.4	5.8	5.4	9.2	12.7	-.3	-.2	-.12	.92
22	12	89	23	328.	2.9	4.6	4.4	8.2	8.9	-.3	-.1	-.12	.92
22	12	89	24	312.	2.4	4.0	3.8	8.6	13.5	-.2	-.1	-.09	.91
23	12	89	1	321.	2.7	4.8	4.6	7.3	9.4	-.2	-.1	-.09	.90
23	12	89	2	319.	2.2	3.6	3.2	7.4	9.7	-.2	-.2	-.06	.90
23	12	89	3	308.	1.7	3.4	3.2	9.3	23.1	-.3	-.5	.03	.91
23	12	89	4	307.	2.5	3.6	3.6	7.0	9.1	-.3	-.1	-.09	.91
23	12	89	5	290.	2.0	4.0	3.6	9.7	11.7	-.3	-.1	-.09	.90
23	12	89	6	295.	1.9	2.8	2.6	6.3	9.1	-.2	-.2	-.06	.88
23	12	89	7	290.	1.6	2.4	2.2	6.4	11.9	-.3	-.4	.00	.88
23	12	89	8	302.	1.6	3.2	3.0	12.7	22.4	-.7	-1.2	.16	.91
23	12	89	9	307.	1.2	2.2	2.2	15.5	26.7	-1.2	-1.8	.16	.91
23	12	89	10	307.	1.9	3.6	3.4	4.7	11.4	-1.5	-1.9	.06	.91
23	12	89	11	304.	1.4	3.2	3.0	14.5	18.3	-2.0	-1.8	-.12	.91
23	12	89	12	308.	1.7	3.2	3.0	14.0	22.0	-2.6	-2.3	-.16	.90
23	12	89	13	318.	2.5	4.4	4.2	11.5	14.3	-2.6	-2.3	-.19	.90
23	12	89	14	302.	1.4	3.4	3.0	22.1	27.0	-2.6	-2.4	-.09	.90
23	12	89	15	290.	1.7	3.6	3.4	20.6	23.0	-2.5	-2.3	-.16	.90
23	12	89	16	301.	2.5	4.2	4.0	10.6	17.3	-3.1	-3.0	-.12	.89
23	12	89	17	311.	2.3	4.2	4.0	11.0	17.3	-2.9	-2.7	-.09	.89
23	12	89	18	333.	2.5	4.2	4.0	10.9	15.1	-3.1	-3.0	-.09	.88
23	12	89	19	314.	2.4	5.2	5.0	15.5	20.0	-3.0	-2.9	-.09	.89
23	12	89	20	321.	1.9	4.0	3.8	15.5	21.6	-3.1	-3.0	-.09	.89
23	12	89	21	337.	1.2	3.0	2.8	13.2	17.3	-3.3	-3.2	-.09	.88
23	12	89	22	318.	1.9	4.0	3.6	10.3	13.2	-3.3	-3.2	-.06	.88
23	12	89	23	349.	1.6	4.6	4.4	13.0	16.3	-3.1	-3.1	-.06	.88
23	12	89	24	311.	1.2	2.6	2.4	12.3	19.4	-3.2	-3.1	-.06	.88
24	12	89	1	328.	1.6	3.4	3.2	12.0	15.2	-3.3	-3.3	-.03	.88
24	12	89	2	349.	1.8	4.6	4.4	11.1	12.0	-3.5	-3.6	-.03	.87
24	12	89	3	323.	1.9	3.0	2.8	7.3	13.8	-3.4	-3.5	.06	.87
24	12	89	4	319.	1.8	3.0	2.8	10.9	13.5	-3.2	-3.0	-.09	.88
24	12	89	5	337.	1.6	3.0	2.8	11.7	14.7	-3.0	-2.8	-.12	.89
24	12	89	6	346.	1.5	3.4	3.2	12.3	15.3	-2.9	-2.7	-.12	.89
24	12	89	7	325.	1.5	3.0	3.0	13.2	14.6	-2.6	-2.4	-.16	.90
24	12	89	8	328.	1.5	2.6	2.4	19.1	23.8	-2.3	-2.0	-.16	.90
24	12	89	9	319.	1.4	4.0	3.6	13.3	24.7	-1.7	-1.5	-.12	.89
24	12	89	10	337.	1.3	2.8	2.6	12.1	15.3	-1.5	-1.3	-.12	.89
24	12	89	11	318.	1.8	3.6	3.4	12.2	15.1	-1.3	-1.1	-.19	.90
24	12	89	12	346.	1.6	3.4	3.4	12.3	17.6	-1.3	-1.1	-.16	.90
24	12	89	13	284.	.5	1.6	1.4	43.5	55.5	-.8	-.6	-.16	.90
24	12	89	14	297.	.4	1.8	1.6	56.4	103.2	-.5	-.3	-.09	.91
24	12	89	15	96.	.2	2.0	1.8	67.4	87.5	-.2	-.1	.16	.91
24	12	89	16	159.	.6	2.2	2.0	60.4	91.7	.0	.0	.37	.91
24	12	89	17	131.	2.3	5.2	5.0	28.3	33.5	.7	.4	.68	.92
24	12	89	18	146.	3.9	8.4	7.8	10.8	12.2	2.9	2.5	.53	.94
24	12	89	19	145.	5.2	9.0	8.8	12.3	13.4	4.6	4.6	.09	.97
24	12	89	20	152.	5.8	10.6	10.2	13.3	13.8	4.9	4.9	.03	.98
24	12	89	21	152.	6.4	12.0	11.6	13.3	13.3	5.3	5.2	.03	.98
24	12	89	22	159.	6.6	12.2	11.6	14.3	14.6	5.4	5.3	-.03	.98
24	12	89	23	166.	7.0	14.2	13.4	14.0	14.2	5.5	5.4	.00	.98
24	12	89	24	166.	7.2	15.0	14.4	14.1	14.3	5.5	5.4	.00	.98

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	12	89	1	163.	7.5	15.0	13.8	13.9	14.3	5.5	5.4	.00	.98
25	12	89	2	163.	7.5	15.0	14.2	14.6	14.7	5.5	5.4	.00	.98
25	12	89	3	170.	7.2	15.8	15.2	14.8	15.7	5.5	5.4	.00	.98
25	12	89	4	184.	7.3	14.0	13.2	13.6	14.7	5.6	5.4	.00	.98
25	12	89	5	186.	8.4	16.0	15.6	13.6	14.1	5.7	5.4	.03	.98
25	12	89	6	183.	7.2	14.2	13.6	13.7	13.8	5.7	5.6	.00	.98
25	12	89	7	194.	7.0	13.2	12.6	13.3	14.0	6.2	5.9	.06	.98
25	12	89	8	200.	8.2	14.4	14.0	12.3	12.7	6.7	6.5	.06	.98
25	12	89	9	204.	8.5	16.8	15.8	12.2	12.5	7.0	6.7	.06	.98
25	12	89	10	205.	6.3	11.2	10.8	12.8	13.1	7.0	6.7	.00	.97
25	12	89	11	197.	6.6	12.8	12.0	12.7	13.3	7.2	6.9	.00	.97
25	12	89	12	200.	6.6	11.8	11.0	12.3	12.7	7.3	7.2	-.06	.95
25	12	89	13	198.	5.7	9.8	9.2	12.1	12.5	7.4	7.2	-.03	.95
25	12	89	14	204.	5.5	11.8	10.8	11.9	12.3	7.4	7.1	-.03	.96
25	12	89	15	198.	6.3	12.8	12.4	13.0	13.6	7.4	7.2	.00	.95
25	12	89	16	194.	6.2	12.4	11.6	11.2	11.5	7.1	6.7	.00	.96
25	12	89	17	200.	5.4	11.2	10.8	12.3	12.7	7.0	6.6	.00	.96
25	12	89	18	198.	6.3	12.0	11.4	13.3	14.0	7.0	6.8	-.06	.98
25	12	89	19	191.	7.1	14.0	13.4	12.3	12.8	7.0	6.8	-.06	.98
25	12	89	20	205.	8.2	15.4	14.4	11.8	12.2	7.0	6.8	-.06	.96
25	12	89	21	204.	7.4	13.6	13.2	11.6	11.8	6.9	6.8	-.09	.96
25	12	89	22	201.	6.4	14.2	12.8	13.8	14.4	7.0	6.8	-.09	.96
25	12	89	23	200.	6.2	11.4	10.8	11.7	11.8	6.9	6.8	-.09	.95
25	12	89	24	198.	5.1	10.0	9.4	11.9	12.1	7.0	6.8	-.09	.96
26	12	89	1	188.	5.0	10.6	10.0	12.3	13.7	6.9	6.6	-.06	.96
26	12	89	2	217.	4.6	8.8	8.2	11.4	13.4	6.9	6.6	-.03	.96
26	12	89	3	195.	3.0	6.8	6.4	14.9	18.8	7.0	6.7	-.03	.95
26	12	89	4	205.	3.9	8.6	8.2	14.5	14.7	7.1	6.8	-.03	.96
26	12	89	5	198.	4.2	9.0	8.4	13.0	14.6	7.3	7.0	-.06	.95
26	12	89	6	200.	5.2	9.0	8.2	11.7	12.3	6.8	6.6	-.09	.95
26	12	89	7	184.	4.8	10.6	10.4	10.8	13.2	6.3	6.2	-.06	.98
26	12	89	8	162.	2.8	5.4	5.0	12.0	13.3	6.1	5.8	-.03	.98
26	12	89	9	193.	2.7	6.0	5.8	13.6	16.0	5.7	5.6	-.06	.98
26	12	89	10	190.	3.3	5.8	5.6	10.4	11.5	5.5	5.3	.03	.98
26	12	89	11	162.	2.4	6.8	6.4	20.8	28.0	5.8	5.6	.00	.98
26	12	89	12	153.	2.0	5.2	5.0	20.3	24.6	5.9	5.9	-.12	.98
26	12	89	13	174.	1.6	3.4	3.2	18.9	21.4	6.1	6.3	-.22	.98
26	12	89	14	200.	2.2	3.8	3.6	9.2	12.3	5.5	5.3	-.12	.97
26	12	89	15	211.	2.8	5.0	4.6	8.4	10.6	5.2	4.5	.16	.96
26	12	89	16	222.	2.4	3.8	3.8	7.8	11.0	5.1	4.3	.34	.96
26	12	89	17	308.	1.5	3.2	3.2	13.0	26.8	4.7	4.0	.00	.95
26	12	89	18	183.	.4	2.8	2.6	28.2	57.6	4.4	3.2	-.06	.95
26	12	89	19	149.	1.1	2.6	2.4	16.5	36.5	4.2	3.1	-.06	.95
26	12	89	20	183.	1.0	2.6	2.4	23.0	26.2	3.8	2.8	.19	.95
26	12	89	21	315.	.1	1.0	1.0	53.9	82.5	3.1	1.5	.75	.93
26	12	89	22	311.	1.5	3.0	2.8	12.4	21.9	1.4	1.0	.59	.92
26	12	89	23	328.	1.2	3.2	3.0	13.4	17.2	1.2	.9	.22	.92
26	12	89	24	323.	1.6	3.2	3.0	8.0	9.8	1.1	.9	-.12	.92
27	12	89	1	322.	2.3	4.2	3.8	8.3	11.5	1.0	.9	-.09	.92
27	12	89	2	316.	2.4	3.8	3.6	5.4	6.9	.9	.9	-.16	.92
27	12	89	3	329.	2.3	3.6	3.4	6.9	8.2	.8	.8	-.16	.92
27	12	89	4	311.	.8	2.0	2.0	33.2	35.8	.8	.7	-.25	.92
27	12	89	5	285.	.4	2.2	2.0	44.5	59.3	.8	.6	-.34	.92
27	12	89	6	308.	3.2	4.8	4.6	5.3	8.7	.5	.5	-.12	.92
27	12	89	7	335.	2.8	5.0	4.6	8.3	18.4	.3	.3	-.16	.91
27	12	89	8	350.	3.3	5.4	5.0	7.8	9.7	.2	.1	-.12	.91
27	12	89	9	322.	3.4	5.6	5.4	8.3	12.5	-.1	-.2	-.03	.91
27	12	89	10	332.	3.4	5.0	5.0	7.2	10.6	-.3	-.4	-.03	.90
27	12	89	11	328.	2.9	4.6	4.4	8.3	9.3	-.4	-.5	-.12	.90
27	12	89	12	340.	2.9	4.6	4.4	8.7	9.7	-.2	-.2	-.19	.90
27	12	89	13	323.	2.6	4.4	4.2	8.8	10.1	.1	.4	-.19	.89
27	12	89	14	339.	2.4	4.4	4.2	8.1	10.1	.1	.1	-.09	.92
27	12	89	15	350.	2.5	4.2	4.0	5.6	7.3	-.2	-.5	.12	.92
27	12	89	16	352.	2.5	3.8	3.6	6.0	8.9	-.4	-1.1	.19	.91
27	12	89	17	352.	2.9	4.6	4.2	6.0	11.3	-.5	-1.2	.19	.91
27	12	89	18	340.	1.9	3.6	3.6	5.3	11.6	-1.0	-1.9	.34	.91
27	12	89	19	337.	1.5	3.0	2.8	6.9	9.3	-1.1	-2.0	.16	.91
27	12	89	20	322.	1.0	2.4	2.4	14.1	21.7	-1.6	-2.3	.12	.91
27	12	89	21	336.	.9	2.8	2.6	18.1	31.5	-1.8	-2.5	.25	.91
27	12	89	22	70.	.9	2.0	1.8	38.9	60.1	-2.3	-2.9	.28	.90
27	12	89	23	41.	.4	1.2	1.0	20.0	31.2	-2.5	-3.2	.31	.90
27	12	89	24	329.	.9	2.8	2.8	51.7	82.1	-2.4	-3.0	.19	.90

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	12	89	1	298.	1.1	2.4	2.4	17.0	29.3	-2.6	-2.7	-.12	.91
28	12	89	2	314.	1.0	2.0	2.0	9.2	13.9	-3.0	-3.6	.16	.90
28	12	89	3	318.	1.3	2.6	2.4	7.4	16.9	-3.6	-4.3	.34	.88
28	12	89	4	343.	1.9	3.0	3.0	4.9	9.8	-3.7	-4.0	.31	.87
28	12	89	5	6.	1.3	2.8	2.6	7.3	11.4	-3.9	-4.5	.40	.87
28	12	89	6	343.	1.0	2.0	1.8	13.5	18.0	-4.5	-4.9	.47	.87
28	12	89	7	359.	.6	1.6	1.4	15.3	22.1	-5.1	-5.3	.37	.87
28	12	89	8	280.	.8	1.4	1.4	10.0	24.2	-4.8	-5.2	.37	.86
28	12	89	9	305.	1.1	2.2	2.0	7.3	16.2	-4.7	-4.9	.31	.87
28	12	89	10	142.	.8	2.2	2.0	41.1	78.4	-4.8	-5.0	.25	.86
28	12	89	11	254.	.2	1.4	1.2	49.1	122.8	-4.7	-4.9	.19	.86
28	12	89	12	280.	.4	1.4	1.4	19.0	35.6	-4.4	-4.3	.06	.87
28	12	89	13	280.	.0	.6	.6	43.3	63.6	-3.3	-3.2	.16	.89
28	12	89	14	70.	.2	1.2	1.0	26.0	112.5	-2.8	-2.9	.06	.90
28	12	89	15	302.	.7	1.8	1.6	9.8	42.2	-3.6	-4.0	.00	.88
28	12	89	16	322.	1.0	2.0	2.0	12.6	22.9	-3.8	-4.4	.19	.87
28	12	89	17	311.	1.3	2.4	2.2	5.1	7.0	-3.9	-4.6	.25	.87
28	12	89	18	307.	1.8	3.0	2.8	6.1	9.6	-4.3	-4.7	.16	.86
28	12	89	19	325.	.8	2.4	2.2	23.1	25.2	-4.6	-5.1	.19	.86
28	12	89	20	284.	.9	2.0	1.8	12.0	18.2	-4.8	-5.2	.16	.85
28	12	89	21	228.	.7	1.2	1.2	15.5	39.0	-5.1	-5.4	.19	.86
28	12	89	22	326.	.7	1.4	1.4	13.5	41.7	-5.3	-5.4	.06	.85
28	12	89	23	290.	1.0	2.0	2.0	12.0	13.9	-5.4	-5.5	.03	.85
28	12	89	24	305.	.6	1.6	1.4	17.2	30.1	-5.8	-5.9	.09	.84
29	12	89	1	269.	.2	1.4	1.2	40.3	53.8	-6.3	-6.9	.25	.81
29	12	89	2	307.	.6	1.2	1.0	10.0	16.5	-6.0	-6.0	-.03	.83
29	12	89	3	343.	.5	1.4	1.2	14.1	19.8	-6.3	-6.4	.00	.82
29	12	89	4	304.	.7	1.8	1.6	16.0	29.2	-6.6	-6.9	.12	.81
29	12	89	5	336.	1.3	2.8	2.6	9.5	12.7	-6.9	-6.9	.09	.81
29	12	89	6	318.	1.8	2.6	2.6	9.0	10.1	-6.9	-6.6	-.06	.82
29	12	89	7	330.	1.8	3.0	2.8	8.1	10.3	-6.3	-6.1	-.12	.83
29	12	89	8	337.	1.5	3.4	3.0	10.6	11.2	-5.9	-5.7	-.16	.84
29	12	89	9	330.	1.5	3.0	2.8	10.4	12.1	-5.5	-5.2	-.16	.85
29	12	89	10	336.	1.3	3.0	2.6	12.4	13.9	-5.2	-4.9	-.19	.85
29	12	89	11	333.	1.3	3.2	3.0	11.6	12.7	-4.8	-4.5	-.22	.86
29	12	89	12	333.	1.2	2.4	2.2	10.6	12.1	-4.5	-4.2	-.22	.87
29	12	89	13	326.	1.8	3.0	2.8	8.2	9.6	-4.3	-4.1	-.25	.87
29	12	89	14	347.	1.6	3.6	3.4	9.4	14.0	-4.2	-3.9	-.22	.87
29	12	89	15	349.	1.8	4.0	3.8	35.8	36.3	-4.0	-3.8	-.16	.87
29	12	89	16	335.	2.0	3.8	3.6	8.6	10.3	-3.9	-3.8	-.12	.87
29	12	89	17	333.	2.3	4.6	4.4	7.7	8.8	-3.8	-3.6	-.12	.87
29	12	89	18	350.	2.5	4.8	4.6	8.7	10.3	-3.7	-3.6	-.12	.87
29	12	89	19	330.	2.8	5.0	4.6	7.3	9.9	-3.6	-3.5	-.12	.86
29	12	89	20	332.	3.1	5.0	4.4	6.1	7.3	-3.5	-3.4	-.06	.86
29	12	89	21	339.	2.9	5.2	4.8	7.2	8.6	-3.1	-3.1	-.03	.86
29	12	89	22	356.	1.9	4.4	4.2	7.7	10.1	-3.0	-3.1	-.03	.87
29	12	89	23	325.	2.3	3.6	3.4	5.6	11.9	-3.0	-3.0	.06	.87
29	12	89	24	347.	2.4	4.0	3.8	5.6	8.9	-2.7	-2.8	.03	.87
30	12	89	1	332.	2.3	4.0	3.8	5.6	8.2	-2.7	-2.8	.03	.86
30	12	89	2	339.	2.6	3.8	3.6	5.6	7.3	-2.8	-2.9	.06	.86
30	12	89	3	337.	2.4	3.8	3.6	6.1	8.1	-2.5	-2.6	.06	.85
30	12	89	4	340.	1.6	3.2	3.0	7.7	11.0	-2.5	-2.6	.00	.86
30	12	89	5	352.	1.9	3.4	3.2	6.4	7.8	-2.5	-2.6	.00	.86
30	12	89	6	344.	2.2	3.6	3.4	6.0	13.6	-2.6	-2.6	.06	.86
30	12	89	7	337.	1.9	3.6	3.2	8.2	13.4	-2.6	-2.6	-.06	.86
30	12	89	8	349.	1.6	3.0	2.8	12.5	15.7	-2.6	-2.6	.00	.86
30	12	89	9	343.	1.2	2.6	2.4	13.4	22.1	-2.3	-2.3	.12	.87
30	12	89	10	325.	1.2	2.8	2.4	12.8	22.3	-2.1	-2.1	.03	.87
30	12	89	11	10.	1.5	2.8	2.6	13.7	22.2	-2.1	-2.0	-.03	.88
30	12	89	12	350.	1.3	3.0	2.8	16.0	21.2	-1.9	-1.8	-.09	.88
30	12	89	13	46.	1.7	3.8	3.6	21.0	25.5	-1.5	-1.4	-.12	.85
30	12	89	14	6.	2.4	5.8	5.4	21.3	28.6	-1.6	-1.5	-.09	.84
30	12	89	15	20.	1.8	3.8	3.6	16.9	20.8	-1.8	-1.7	-.12	.84
30	12	89	16	359.	1.9	3.6	3.4	10.8	14.7	-2.0	-1.9	-.12	.84
30	12	89	17	32.	1.2	3.0	2.6	16.3	22.6	-2.2	-2.1	-.09	.83
30	12	89	18	49.	1.8	4.4	4.4	15.8	20.2	-2.2	-2.2	-.06	.82
30	12	89	19	39.	1.5	3.6	3.4	19.0	20.2	-2.3	-2.2	-.06	.84
30	12	89	20	15.	1.8	3.8	3.6	15.4	19.1	-2.4	-2.3	-.09	.84
30	12	89	21	42.	1.7	3.2	3.0	11.8	13.9	-2.4	-2.4	-.09	.84
30	12	89	22	8.	2.0	4.0	3.8	11.3	17.3	-2.5	-2.5	-.12	.82
30	12	89	23	354.	1.7	3.6	3.4	12.0	12.8	-2.7	-2.7	-.12	.82
30	12	89	24	4.	1.8	3.8	3.6	11.7	12.6	-2.7	-2.6	-.12	.81

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
31	12	89	1	11.	2.1	4.2	4.0	12.6	13.6	-2.6	-2.6	-.12	.80
31	12	89	2	13.	2.4	5.0	4.4	14.7	15.8	-2.6	-2.6	-.12	.79
31	12	89	3	6.	2.6	4.6	4.4	12.1	13.1	-2.7	-2.6	-.12	.78
31	12	89	4	18.	2.7	5.8	5.4	14.1	14.4	-2.8	-2.7	-.12	.74
31	12	89	5	13.	2.9	5.6	5.4	12.5	13.0	-2.9	-2.9	-.12	.73
31	12	89	6	18.	2.6	6.8	6.4	12.0	13.3	-3.1	-3.0	-.12	.73
31	12	89	7	6.	2.0	4.8	4.6	13.0	13.6	-3.2	-3.1	-.12	.74
31	12	89	8	1.	2.7	5.4	5.0	11.8	12.9	-3.2	-3.2	-.12	.72
31	12	89	9	357.	2.5	5.4	4.8	11.1	12.8	-3.4	-3.3	-.12	.71
31	12	89	10	350.	2.6	5.2	4.8	11.2	11.8	-3.4	-3.3	-.12	.71
31	12	89	11	350.	1.7	4.2	3.8	13.7	14.3	-3.3	-3.2	-.16	.72
31	12	89	12	353.	2.1	5.0	4.6	13.4	13.8	-3.3	-3.1	-.16	.71
31	12	89	13	4.	2.3	4.6	4.4	12.3	12.8	-3.2	-3.0	-.16	.71
31	12	89	14	7.	2.5	4.6	4.4	11.3	11.6	-3.2	-3.0	-.16	.71
31	12	89	15	347.	2.2	5.2	4.8	13.0	14.9	-3.2	-3.1	-.12	.71
31	12	89	16	1.	2.4	5.0	4.8	17.6	19.7	-3.2	-3.1	-.12	.70
31	12	89	17	13.	2.5	5.2	4.8	15.6	17.1	-3.2	-3.1	-.12	.68
31	12	89	18	18.	1.9	4.4	4.2	17.0	20.8	-3.2	-3.2	-.12	.68
31	12	89	19	352.	2.0	4.0	3.6	11.7	16.3	-3.4	-3.3	-.12	.70
31	12	89	20	353.	2.2	4.4	4.2	9.3	9.8	-3.6	-3.5	-.16	.73
31	12	89	21	350.	1.9	3.8	3.6	10.9	11.6	-3.7	-3.6	-.16	.74
31	12	89	22	339.	3.0	5.6	5.4	7.8	11.3	-3.8	-3.7	-.12	.73
31	12	89	23	346.	2.7	4.4	4.2	7.7	9.2	-3.9	-3.8	-.12	.72
31	12	89	24	336.	1.9	3.6	3.4	7.6	9.3	-4.1	-3.9	-.16	.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	90	1	325.	2.8	4.6	4.4	8.7	10.8	-4.3	-4.2	-.16	.71
1	1	90	2	325.	3.4	5.6	5.4	8.6	9.8	-4.6	-4.5	-.16	.69
1	1	90	3	330.	3.2	5.6	5.4	9.2	10.0	-5.1	-4.9	-.19	.69
1	1	90	4	332.	2.8	4.8	4.4	8.9	9.7	-5.4	-5.2	-.16	.70
1	1	90	5	352.	2.1	3.4	3.2	10.0	11.7	-5.6	-5.3	-.16	.70
1	1	90	6	340.	2.4	4.0	4.0	7.8	10.1	-5.7	-5.5	-.16	.71
1	1	90	7	326.	2.5	4.2	4.0	10.6	11.2	-5.6	-5.4	-.16	.71
1	1	90	8	322.	2.5	4.8	4.4	11.8	13.0	-5.6	-5.4	-.16	.70
1	1	90	9	312.	3.3	5.4	4.8	8.7	11.8	-5.5	-5.3	-.16	.69
1	1	90	10	308.	4.1	6.6	6.2	9.1	9.9	-5.2	-5.0	-.16	.70
1	1	90	11	315.	3.4	5.6	5.2	8.1	10.1	-4.9	-4.8	-.16	.72
1	1	90	12	346.	2.9	5.2	5.0	7.7	11.2	-4.9	-4.6	-.16	.73
1	1	90	13	344.	2.3	4.4	4.2	10.3	11.0	-4.6	-4.4	-.16	.74
1	1	90	14	3.	2.5	5.0	4.6	13.3	16.8	-3.9	-3.7	-.12	.72
1	1	90	15	318.	2.8	4.8	4.6	12.6	25.7	-4.5	-4.3	-.16	.72
1	1	90	16	311.	2.4	3.8	3.6	6.9	8.2	-5.2	-5.3	-.06	.75
1	1	90	17	323.	2.7	4.0	3.8	6.1	8.3	-5.4	-5.3	-.09	.76
1	1	90	18	322.	2.9	4.0	3.8	6.9	9.1	-5.9	-5.9	-.06	.77
1	1	90	19	323.	3.0	4.2	3.8	5.4	5.8	-6.4	-6.6	.06	.77
1	1	90	20	316.	2.4	3.8	3.4	7.3	8.8	-6.8	-7.0	.00	.77
1	1	90	21	329.	2.5	3.8	3.6	8.8	9.9	-7.0	-6.9	-.06	.78
1	1	90	22	335.	1.5	3.0	2.8	10.0	11.8	-7.3	-7.1	-.12	.79
1	1	90	23	335.	2.1	4.0	3.8	9.9	11.4	-7.3	-7.1	-.16	.79
1	1	90	24	319.	2.2	3.8	3.6	10.9	12.2	-7.4	-7.2	-.16	.78
2	1	90	1	337.	2.2	3.4	3.2	10.5	12.6	-7.5	-7.2	-.19	.78
2	1	90	2	340.	1.8	3.8	3.4	9.9	11.3	-7.9	-7.7	-.16	.78
2	1	90	3	336.	2.2	4.0	3.6	8.3	10.9	-8.6	-8.4	-.09	.78
2	1	90	4	333.	2.4	4.4	4.0	7.6	9.3	-9.0	-9.0	-.03	.78
2	1	90	5	332.	2.3	3.6	3.4	7.8	11.1	-9.2	-9.3	.03	.78
2	1	90	6	339.	2.7	4.4	4.2	7.8	8.8	-9.5	-9.6	.00	.77
2	1	90	7	337.	2.3	4.0	3.8	8.4	9.4	-9.8	-9.9	-.03	.77
2	1	90	8	335.	2.3	4.0	3.8	8.2	10.4	-9.9	-9.8	-.06	.77
2	1	90	9	333.	2.4	4.0	3.6	9.2	10.5	-9.7	-9.4	-.16	.77
2	1	90	10	336.	2.2	3.8	3.6	9.8	11.0	-9.4	-9.0	-.19	.77
2	1	90	11	339.	2.1	3.6	3.4	11.1	11.3	-9.2	-8.8	-.22	.76
2	1	90	12	343.	1.7	3.2	3.2	15.1	16.0	-8.7	-8.3	-.22	.77
2	1	90	13	350.	1.5	3.2	3.0	12.7	13.3	-8.3	-7.8	-.19	.77
2	1	90	14	335.	1.6	3.0	2.8	13.0	14.7	-8.1	-7.7	-.16	.76
2	1	90	15	342.	1.9	3.6	3.4	11.4	12.1	-7.8	-7.4	-.16	.75
2	1	90	16	340.	2.0	4.4	3.8	11.4	12.5	-7.7	-7.4	-.16	.75
2	1	90	17	344.	2.0	4.4	4.0	11.1	12.6	-7.6	-7.3	-.16	.74
2	1	90	18	342.	2.3	4.6	4.2	9.0	9.3	-7.4	-7.1	-.16	.74
2	1	90	19	332.	2.4	3.8	3.6	8.8	11.0	-7.1	-6.8	-.16	.77
2	1	90	20	343.	1.9	4.0	3.6	9.5	10.3	-6.7	-6.4	-.16	.75
2	1	90	21	350.	2.2	4.4	4.0	9.4	9.7	-6.8	-6.5	-.16	.79
2	1	90	22	328.	1.8	2.8	2.8	9.7	12.5	-6.8	-6.5	-.16	.82
2	1	90	23	336.	1.9	3.2	3.2	8.3	9.0	-6.5	-6.2	-.12	.84
2	1	90	24	337.	1.8	3.0	2.8	7.8	9.0	-6.3	-6.0	-.12	.85
3	1	90	1	344.	1.9	3.4	3.2	9.1	10.9	-6.3	-6.0	-.12	.86
3	1	90	2	354.	1.9	3.6	3.2	7.6	10.4	-6.2	-6.0	-.09	.86
3	1	90	3	322.	1.5	2.6	2.4	9.2	10.5	-6.1	-5.9	-.12	.85
3	1	90	4	342.	1.4	2.2	2.0	8.2	9.7	-5.9	-5.6	-.12	.85
3	1	90	5	65.	.4	1.6	1.4	18.1	31.8	-5.5	-5.3	-.12	.85
3	1	90	6	339.	1.8	3.8	3.8	17.3	40.1	-5.3	-5.1	-.16	.85
3	1	90	7	49.	1.6	3.6	3.4	17.6	27.9	-5.4	-5.1	-.19	.84
3	1	90	8	72.	1.2	3.0	2.8	25.4	33.5	-5.5	-5.2	-.19	.82
3	1	90	9	42.	.8	2.4	2.2	23.9	30.5	-5.4	-5.1	-.22	.81
3	1	90	10	25.	1.6	3.8	3.6	19.0	22.7	-5.4	-5.2	-.22	.81
3	1	90	11	56.	1.4	2.8	2.6	18.0	23.8	-5.3	-5.0	-.22	.80
3	1	90	12	24.	1.3	2.8	2.6	14.9	17.9	-5.1	-4.8	-.22	.79
3	1	90	13	339.	1.4	3.0	2.8	17.7	20.6	-5.1	-4.8	-.22	.79
3	1	90	14	27.	.6	2.0	1.8	25.0	29.3	-4.9	-4.6	-.22	.79
3	1	90	15	31.	.9	1.6	1.4	13.8	15.7	-5.0	-4.8	-.19	.79
3	1	90	16	37.	.3	1.0	1.0	14.8	18.5	-4.9	-4.7	-.19	.81
3	1	90	17	337.	.1	.8	.8	25.6	35.0	-4.7	-4.4	-.16	.81
3	1	90	18	13.	.0	.6	.4	40.0	41.6	-4.5	-4.3	-.12	.83
3	1	90	19	287.	-9900.0	-9900.0	-9900.0	38.2	46.0	-4.4	-4.1	-.19	.84
3	1	90	20	84.	-9900.0	-9900.0	-9900.0	58.2	123.6	-4.2	-4.0	-.09	.85
3	1	90	21	347.	-9900.0	-9900.0	-9900.0	53.3	72.5	-4.1	-3.9	-.09	.86
3	1	90	22	14.	.2	1.0	.8	29.4	44.5	-3.8	-3.6	-.09	.87
3	1	90	23	39.	.5	1.4	1.2	22.4	41.3	-3.9	-3.7	.00	.87
3	1	90	24	311.	.8	2.0	1.8	46.8	95.2	-3.6	-3.4	.06	.87

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	1	90	1	346.	1.5	3.0	3.0	10.2	14.5	-3.3	-3.1	-.16	.87
4	1	90	2	51.	.1	1.0	.8	27.2	34.2	-3.1	-3.0	.00	.87
4	1	90	3	337.	.3	1.0	1.0	25.6	31.2	-2.8	-2.7	.25	.88
4	1	90	4	326.	1.2	2.2	2.0	10.4	18.3	-2.7	-2.5	.00	.89
4	1	90	5	7.	.3	1.2	1.0	10.3	26.9	-2.6	-2.4	-.03	.90
4	1	90	6	105.	.3	1.6	1.6	25.1	66.8	-2.4	-2.3	.31	.90
4	1	90	7	299.	1.2	2.2	2.0	27.0	112.9	-2.1	-2.2	.28	.90
4	1	90	8	28.	.6	1.8	1.6	37.8	54.4	-2.1	-2.0	.03	.90
4	1	90	9	224.	.5	1.6	1.6	41.1	73.1	-2.0	-2.0	.25	.91
4	1	90	10	128.	.5	1.6	1.4	33.5	50.2	-1.7	-1.9	.25	.91
4	1	90	11	15.	.1	1.4	1.2	68.3	134.0	-1.5	-1.6	.19	.91
4	1	90	12	105.	.6	2.4	2.4	35.0	59.1	-1.4	-1.5	.34	.91
4	1	90	13	132.	1.1	3.0	2.8	50.8	67.1	-1.0	-1.2	.40	.90
4	1	90	14	131.	.7	2.2	2.0	11.7	18.4	-.2	-.8	.22	.89
4	1	90	15	136.	1.0	2.6	2.4	24.7	26.8	-.3	-.6	.12	.88
4	1	90	16	302.	1.0	2.2	2.0	34.3	123.3	-.6	-.8	.03	.90
4	1	90	17	56.	.1	1.4	1.4	36.9	63.1	-.8	-1.0	.22	.92
4	1	90	18	163.	-9900.0	-9900.0	-9900.0	26.4	40.6	-.5	-.9	.06	.93
4	1	90	19	52.	-9900.0	-9900.0	-9900.0	17.7	27.6	-.7	-.9	.00	.92
4	1	90	20	20.	.1	1.8	1.8	10.9	16.4	-.7	-.7	-.06	.92
4	1	90	21	29.	1.2	3.0	2.8	15.9	19.0	-.8	-.7	-.09	.92
4	1	90	22	98.	1.0	2.6	2.4	20.2	30.8	-.6	-.5	-.06	.92
4	1	90	23	79.	1.7	3.6	3.2	14.8	17.8	-.3	-.2	-.06	.94
4	1	90	24	75.	1.7	3.2	3.0	11.8	13.3	-.2	-.2	-.03	.93
5	1	90	1	86.	2.0	3.8	3.4	10.2	12.8	-.2	-.2	-.06	.92
5	1	90	2	90.	2.3	3.8	3.6	10.0	10.5	-.3	-.3	-.09	.93
5	1	90	3	86.	2.6	4.2	4.0	8.2	10.6	-.4	-.3	-.06	.93
5	1	90	4	96.	1.7	3.4	3.4	8.2	8.8	-.4	-.3	-.06	.93
5	1	90	5	58.	1.3	3.0	2.8	16.6	23.3	-.4	-.5	-.03	.92
5	1	90	6	318.	.4	1.4	1.2	28.2	72.6	-.5	-.6	-.03	.93
5	1	90	7	294.	.6	1.4	1.4	18.8	26.6	-.3	-.6	-.03	.92
5	1	90	8	323.	.4	1.6	1.4	32.1	62.1	-.5	-.7	.00	.92
5	1	90	9	135.	-9900.0	-9900.0	-9900.0	39.6	77.6	-.4	-.7	-.06	.92
5	1	90	10	309.	-9900.0	-9900.0	-9900.0	32.7	72.1	-.4	-.7	-.06	.91
5	1	90	11	325.	.7	2.0	1.8	10.9	14.7	-.4	-.4	-.12	.93
5	1	90	12	96.	.6	1.8	1.6	43.5	58.1	-.4	-.4	-.09	.94
5	1	90	13	197.	.9	2.2	1.8	16.8	36.1	-.4	-.3	-.16	.94
5	1	90	14	229.	1.2	3.0	2.6	20.2	25.5	-.3	-.2	-.16	.92
5	1	90	15	210.	1.8	3.8	3.6	18.0	18.2	-.2	-.2	-.12	.90
5	1	90	16	191.	1.8	4.0	3.8	13.2	16.4	-.2	-.3	-.12	.88
5	1	90	17	198.	2.2	4.4	4.2	10.7	13.8	-.5	-.6	-.09	.89
5	1	90	18	201.	2.1	4.0	3.8	12.3	13.8	-.6	-.7	-.09	.89
5	1	90	19	205.	1.1	3.2	3.0	14.4	18.5	-.7	-.9	-.06	.90
5	1	90	20	239.	1.9	3.2	3.0	9.7	14.3	-.6	-.7	-.03	.87
5	1	90	21	262.	1.4	3.6	3.4	18.4	20.1	-.6	-.7	-.06	.87
5	1	90	22	290.	2.0	3.8	3.4	13.3	22.8	-.6	-.7	-.09	.89
5	1	90	23	288.	2.0	3.8	3.6	9.3	13.1	-.7	-.7	-.09	.89
5	1	90	24	307.	2.1	3.8	3.4	8.2	9.3	-1.0	-.9	-.09	.90
6	1	90	1	285.	2.4	3.8	3.6	8.4	15.3	-1.1	-1.1	-.06	.90
6	1	90	2	299.	2.2	4.2	4.0	7.4	8.2	-1.3	-1.3	-.03	.90
6	1	90	3	283.	1.4	2.4	2.2	17.4	20.3	-1.5	-1.8	.03	.91
6	1	90	4	311.	1.7	2.6	2.6	8.9	21.7	-1.6	-1.7	.00	.92
6	1	90	5	288.	.6	2.2	2.0	24.2	27.2	-1.4	-1.5	-.06	.92
6	1	90	6	344.	.4	1.0	1.0	15.5	27.0	-1.5	-1.5	-.06	.92
6	1	90	7	62.	.4	2.0	1.8	35.4	58.6	-1.5	-1.7	.00	.92
6	1	90	8	332.	.1	1.0	.8	55.2	103.6	-1.5	-1.7	.12	.91
6	1	90	9	51.	.2	1.2	1.0	45.1	120.9	-1.2	-1.3	-.03	.90
6	1	90	10	148.	.1	2.6	2.2	56.9	72.6	-1.1	-1.0	-.03	.91
6	1	90	11	148.	.6	2.4	2.2	54.9	95.3	-1.0	-.8	.00	.91
6	1	90	12	108.	1.0	2.0	1.8	18.9	33.8	-.8	-.6	.12	.89
6	1	90	13	108.	1.2	2.0	1.8	8.6	17.2	-.4	-.3	.16	.91
6	1	90	14	117.	1.6	2.4	2.4	7.6	8.7	.3	.4	.16	.92
6	1	90	15	103.	.9	2.8	2.6	41.8	92.8	.3	.2	.37	.92
6	1	90	16	139.	1.6	3.2	3.0	10.9	16.1	.5	.4	.34	.92
6	1	90	17	188.	2.6	5.6	5.4	9.5	18.0	1.6	1.3	.40	.93
6	1	90	18	172.	3.0	4.8	4.6	10.0	12.3	2.6	2.5	.09	.95
6	1	90	19	184.	3.9	7.2	7.0	13.0	14.7	3.0	3.0	.00	.95
6	1	90	20	181.	4.5	8.8	8.2	12.8	14.4	3.1	3.0	-.06	.95
6	1	90	21	174.	4.7	9.4	8.6	13.7	14.1	2.6	2.7	-.06	.95
6	1	90	22	172.	4.0	8.0	7.6	14.7	15.0	2.7	2.7	-.06	.95
6	1	90	23	177.	5.1	10.8	10.2	14.7	15.7	2.7	2.8	-.06	.95
6	1	90	24	172.	4.9	9.8	9.6	15.1	15.6	2.8	2.8	-.06	.95

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	1	90	1	174.	5.3	10.8	10.0	15.0	15.1	2.9	2.9	-.09	.94
7	1	90	2	173.	5.8	11.4	10.2	13.5	13.9	2.8	2.8	-.09	.94
7	1	90	3	177.	5.9	11.4	11.2	13.7	14.3	2.6	2.6	-.09	.93
7	1	90	4	183.	4.4	9.2	8.8	14.1	14.3	2.6	2.7	-.09	.93
7	1	90	5	186.	4.4	9.2	9.0	13.4	13.6	2.9	2.9	-.06	.93
7	1	90	6	179.	3.3	7.6	7.0	14.7	15.3	3.2	3.2	-.06	.94
7	1	90	7	186.	1.6	6.4	6.2	25.8	26.8	3.4	3.4	-.06	.95
7	1	90	8	321.	1.6	5.0	4.6	37.2	46.8	2.9	2.7	-.03	.95
7	1	90	9	321.	2.0	3.8	3.6	9.9	13.0	2.1	2.1	-.06	.94
7	1	90	10	302.	2.8	4.8	4.4	11.5	13.4	1.8	1.9	-.09	.93
7	1	90	11	274.	2.9	4.4	4.2	10.4	14.2	1.1	1.3	-.19	.93
7	1	90	12	316.	1.8	3.6	3.4	13.9	22.3	.5	.7	-.19	.92
7	1	90	13	298.	2.4	4.4	4.2	9.9	15.5	.0	.3	-.19	.91
7	1	90	14	308.	1.8	3.2	2.8	9.8	11.3	.0	.2	-.19	.91
7	1	90	15	301.	1.4	2.8	2.6	11.0	12.9	-.1	.1	-.16	.91
7	1	90	16	307.	1.6	2.8	2.8	10.7	13.5	-.4	-.3	-.12	.91
7	1	90	17	290.	1.0	2.2	2.0	22.5	25.1	-.5	-.4	-.12	.90
7	1	90	18	90.	.2	1.4	1.2	49.6	64.4	-.9	-.7	-.16	.90
7	1	90	19	221.	.8	3.4	3.2	46.0	100.0	-1.1	-1.1	.59	.89
7	1	90	20	211.	2.8	5.0	4.8	5.6	6.4	.4	-.5	1.12	.90
7	1	90	21	207.	4.1	6.8	6.2	8.4	9.4	2.1	1.6	.31	.93
7	1	90	22	195.	4.2	7.0	6.6	9.7	10.5	2.7	2.3	.16	.94
7	1	90	23	188.	3.0	5.8	5.4	12.3	13.3	2.9	2.6	.09	.92
7	1	90	24	181.	3.5	7.0	6.2	12.2	13.1	3.2	3.0	.03	.91
8	1	90	1	186.	4.3	7.2	6.6	11.1	11.9	3.5	3.3	.00	.92
8	1	90	2	200.	4.1	7.4	7.0	10.7	14.1	3.6	3.4	.00	.91
8	1	90	3	188.	2.9	6.4	6.0	14.3	14.7	3.7	3.5	-.03	.90
8	1	90	4	195.	3.0	6.2	6.0	13.3	14.1	3.7	3.6	.00	.91
8	1	90	5	201.	2.0	4.8	4.4	13.9	15.1	3.7	3.6	-.03	.92
8	1	90	6	235.	2.0	4.8	4.6	13.3	16.3	3.7	3.6	-.03	.93
8	1	90	7	285.	1.7	4.2	3.6	18.0	34.1	3.7	3.6	.00	.94
8	1	90	8	302.	1.4	3.2	3.2	11.5	14.7	3.2	2.9	.06	.94
8	1	90	9	307.	3.5	5.4	5.2	5.8	6.6	1.9	1.9	-.03	.94
8	1	90	10	308.	4.0	6.0	5.8	6.7	9.3	1.4	1.4	-.06	.93
8	1	90	11	304.	3.9	8.2	7.6	12.4	18.1	3.0	3.0	-.03	.86
8	1	90	12	305.	3.4	7.6	7.4	17.5	28.4	4.0	4.3	-.22	.77
8	1	90	13	311.	2.1	5.6	5.4	11.2	20.3	5.0	5.6	-.47	.73
8	1	90	14	304.	1.9	3.8	3.4	19.3	23.1	5.3	5.2	-.34	.72
8	1	90	15	231.	1.6	3.2	3.0	14.5	24.1	5.6	5.3	-.47	.69
8	1	90	16	215.	1.7	3.4	3.2	9.8	20.3	4.3	3.2	.22	.74
8	1	90	17	212.	1.6	2.8	2.6	11.9	15.0	3.5	2.5	.37	.73
8	1	90	18	264.	1.7	3.4	3.2	8.0	23.0	3.6	2.8	.34	.69
8	1	90	19	309.	2.2	4.2	4.2	18.6	29.4	3.5	2.4	.59	.71
8	1	90	20	314.	3.3	5.4	5.0	7.7	15.1	2.2	1.7	.81	.81
8	1	90	21	240.	1.8	3.6	3.4	22.8	46.2	3.1	2.2	.53	.73
8	1	90	22	229.	.3	1.2	1.0	64.1	84.5	2.7	1.4	.62	.79
8	1	90	23	222.	.8	2.0	2.0	38.5	50.6	2.8	1.6	.47	.78
8	1	90	24	202.	1.9	4.4	4.0	8.1	17.2	2.9	2.0	.47	.75
9	1	90	1	201.	2.4	5.0	4.6	11.4	15.2	3.1	2.7	.16	.73
9	1	90	2	215.	3.6	7.6	7.2	10.9	12.6	3.1	2.9	.03	.75
9	1	90	3	207.	4.4	9.2	8.8	10.6	11.4	3.0	2.8	.00	.77
9	1	90	4	195.	5.2	8.8	8.6	9.4	9.8	2.9	2.7	-.03	.83
9	1	90	5	187.	4.1	7.4	7.0	11.5	12.1	3.0	2.8	.00	.88
9	1	90	6	190.	3.6	7.6	7.4	13.2	14.3	3.1	2.8	.03	.89
9	1	90	7	153.	3.5	6.8	6.4	17.7	21.4	3.2	3.0	.00	.91
9	1	90	8	195.	3.2	8.0	7.6	23.0	26.3	3.3	3.1	.03	.92
9	1	90	9	201.	4.8	9.6	9.2	13.3	13.8	3.9	3.7	.06	.91
9	1	90	10	183.	4.7	8.6	8.2	12.0	18.0	4.5	4.3	.03	.94
9	1	90	11	254.	3.7	7.6	7.0	21.5	32.5	5.0	5.0	-.09	.96
9	1	90	12	217.	1.7	6.4	5.6	17.2	19.5	6.6	7.2	-.81	.90
9	1	90	13	262.	6.3	15.8	15.0	16.6	24.1	7.2	7.3	-.31	.74
9	1	90	14	287.	7.7	16.8	16.0	15.0	16.0	7.0	6.9	-.25	.66
9	1	90	15	280.	7.3	16.6	14.2	15.3	15.5	6.2	6.1	-.12	.62
9	1	90	16	288.	4.8	10.8	9.8	16.2	16.6	5.3	5.2	-.03	.59
9	1	90	17	288.	4.2	8.6	8.2	13.0	14.7	4.7	4.5	.03	.59
9	1	90	18	271.	4.7	9.0	8.4	12.3	14.5	4.1	4.0	.00	.61
9	1	90	19	270.	5.5	13.2	13.0	14.0	14.5	3.9	3.8	.03	.63
9	1	90	20	271.	6.0	11.6	10.4	13.0	13.3	4.0	3.9	.00	.64
9	1	90	21	280.	6.5	10.8	10.2	13.1	13.6	4.3	4.2	.00	.62
9	1	90	22	277.	6.4	11.6	11.4	12.8	13.3	4.2	4.1	.00	.64
9	1	90	23	270.	6.7	12.4	11.6	13.2	13.4	4.4	4.3	.00	.64
9	1	90	24	233.	5.1	11.8	11.6	23.1	26.8	4.4	4.3	-.03	.64

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	1	90	1	246.	1.4	6.2	5.6	62.1	63.1	3.4	2.6	.19	.69
10	1	90	2	136.	1.7	4.8	4.4	26.0	46.7	3.0	2.0	.19	.73
10	1	90	3	202.	3.1	6.0	5.4	13.1	21.1	2.3	1.5	.25	.77
10	1	90	4	215.	2.2	6.8	6.2	27.9	28.6	2.1	1.3	.28	.80
10	1	90	5	218.	4.3	8.6	8.2	14.8	15.1	2.6	2.3	.06	.78
10	1	90	6	233.	5.1	9.4	8.6	10.7	13.6	3.0	2.7	.06	.78
10	1	90	7	224.	3.8	7.8	7.2	13.7	14.9	3.4	3.2	-.03	.79
10	1	90	8	204.	4.5	9.0	8.2	11.0	16.5	3.2	3.0	-.03	.83
10	1	90	9	200.	3.5	7.2	6.8	11.8	13.0	3.1	2.9	.06	.85
10	1	90	10	204.	4.5	8.0	7.6	11.3	12.4	3.7	3.6	-.03	.85
10	1	90	11	208.	3.8	7.6	7.4	10.6	11.8	3.6	3.6	-.06	.89
10	1	90	12	198.	3.0	5.4	5.2	10.8	11.4	3.8	3.8	-.06	.90
10	1	90	13	193.	2.5	6.6	6.2	16.0	18.5	3.9	3.9	-.06	.90
10	1	90	14	188.	3.5	6.6	6.2	10.9	11.6	4.0	3.9	-.06	.90
10	1	90	15	143.	2.8	6.0	5.6	13.2	20.5	3.7	3.7	-.06	.94
10	1	90	16	142.	4.0	7.8	7.4	12.4	14.4	3.7	3.7	-.03	.97
10	1	90	17	187.	4.5	8.2	7.8	13.2	17.6	5.0	5.0	.00	.98
10	1	90	18	252.	3.5	9.0	8.6	21.0	30.0	5.7	5.5	-.03	.98
10	1	90	19	278.	3.6	8.0	7.8	18.5	20.3	5.2	4.9	.03	.95
10	1	90	20	285.	4.3	8.6	8.4	15.0	18.0	5.2	4.9	.12	.83
10	1	90	21	256.	2.3	6.6	6.2	32.7	34.2	5.2	4.6	.12	.77
10	1	90	22	214.	2.7	5.0	4.8	24.5	36.2	4.5	3.1	.84	.85
10	1	90	23	240.	3.5	7.8	7.6	12.7	19.9	5.6	4.8	.28	.70
10	1	90	24	201.	2.4	5.8	5.6	13.1	17.6	5.6	4.7	.37	.69
11	1	90	1	217.	4.9	9.4	8.8	11.7	13.8	4.7	4.1	.09	.74
11	1	90	2	211.	5.6	9.2	8.6	10.7	11.0	4.6	4.3	.03	.77
11	1	90	3	205.	5.4	9.6	8.6	9.6	10.6	4.7	4.3	.09	.81
11	1	90	4	219.	5.9	10.2	9.2	9.3	10.0	4.8	4.4	.06	.84
11	1	90	5	215.	4.4	8.2	7.6	10.9	11.3	6.4	5.7	.22	.81
11	1	90	6	228.	4.9	9.8	9.0	10.2	11.5	7.3	6.7	.09	.79
11	1	90	7	231.	5.3	10.0	9.8	10.7	11.1	7.4	7.0	.06	.77
11	1	90	8	103.	2.9	7.4	6.6	41.8	68.4	6.4	5.6	.12	.81
11	1	90	9	142.	2.3	4.2	4.0	31.6	44.5	5.7	4.8	.22	.86
11	1	90	10	153.	2.8	5.2	5.0	23.8	43.8	6.1	5.4	.31	.82
11	1	90	11	218.	4.1	8.8	8.2	14.0	20.0	7.0	6.6	.16	.75
11	1	90	12	205.	4.1	9.0	8.6	18.2	21.8	8.0	8.1	-.25	.67
11	1	90	13	235.	2.4	7.6	6.8	42.7	61.5	8.4	8.6	-.31	.67
11	1	90	14	232.	3.8	7.4	7.2	15.3	15.8	8.4	8.3	-.25	.64
11	1	90	15	246.	2.8	6.0	5.4	18.3	18.8	8.2	8.0	-.16	.64
11	1	90	16	231.	1.5	5.0	4.6	43.6	56.4	7.2	6.5	.00	.69
11	1	90	17	191.	1.9	5.2	4.8	42.6	58.6	6.1	5.3	.12	.74
11	1	90	18	231.	1.1	4.2	4.0	69.7	108.4	6.1	5.1	.03	.72
11	1	90	19	238.	1.5	6.2	5.8	43.1	44.9	6.3	5.5	.00	.70
11	1	90	20	218.	1.8	4.2	4.0	13.0	15.7	6.0	5.2	.06	.73
11	1	90	21	245.	1.6	4.4	4.0	17.6	22.6	5.9	5.2	.03	.76
11	1	90	22	245.	2.4	6.0	5.8	13.5	14.5	6.1	5.7	.00	.76
11	1	90	23	170.	1.2	4.6	4.2	24.3	37.3	6.0	5.5	-.06	.79
11	1	90	24	127.	1.8	3.2	3.0	8.3	33.3	5.2	4.8	.16	.82
12	1	90	1	183.	2.8	4.4	4.2	10.7	18.9	4.7	4.4	.34	.88
12	1	90	2	194.	2.8	4.8	4.6	10.3	10.7	5.3	4.4	.16	.93
12	1	90	3	162.	2.4	5.4	5.0	23.8	25.4	4.8	4.3	.06	.95
12	1	90	4	193.	3.0	6.4	6.2	14.5	16.5	4.3	4.0	-.09	.96
12	1	90	5	238.	1.2	3.4	3.2	16.2	22.2	4.1	3.3	.00	.96
12	1	90	6	197.	1.4	3.8	3.2	60.4	115.4	4.1	3.0	.25	.95
12	1	90	7	195.	2.1	3.4	3.2	6.3	12.3	4.8	3.7	.22	.96
12	1	90	8	208.	2.8	5.8	5.4	11.2	20.4	4.5	3.5	.40	.96
12	1	90	9	204.	3.7	6.2	6.0	9.5	11.0	5.3	4.5	.25	.96
12	1	90	10	212.	5.2	10.0	9.4	9.6	11.0	6.0	5.4	.09	.94
12	1	90	11	204.	5.4	9.2	8.8	10.3	11.0	6.6	6.4	.03	.90
12	1	90	12	204.	5.4	8.8	8.4	9.8	10.4	7.2	7.1	-.03	.89
12	1	90	13	180.	5.0	8.4	8.2	9.9	13.3	7.4	7.3	-.06	.89
12	1	90	14	172.	3.7	6.6	5.8	10.6	11.2	7.3	7.4	-.12	.90
12	1	90	15	194.	3.4	6.6	6.0	11.9	18.1	6.7	6.5	.03	.93
12	1	90	16	149.	3.3	6.6	6.2	13.5	17.5	6.4	6.1	.00	.94
12	1	90	17	153.	3.6	8.2	7.4	15.6	21.6	6.0	5.8	.00	.95
12	1	90	18	163.	2.8	6.2	5.6	18.1	20.0	5.5	5.3	.06	.97
12	1	90	19	186.	2.9	6.6	6.4	17.5	22.5	5.2	4.8	.19	.97
12	1	90	20	188.	4.2	7.4	7.0	9.6	10.5	5.2	4.8	.12	.97
12	1	90	21	191.	4.6	7.4	6.8	9.4	9.9	5.5	4.9	.09	.97
12	1	90	22	177.	4.6	8.0	7.4	9.3	11.6	5.6	5.1	.09	.97
12	1	90	23	180.	4.4	7.0	6.6	9.1	10.2	5.8	5.3	.12	.97
12	1	90	24	173.	3.5	5.8	5.6	10.4	11.4	5.6	5.3	.03	.96

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	1	90	1	180.	3.5	6.0	5.6	10.3	12.1	5.5	5.2	.06	.94
13	1	90	2	200.	3.5	6.6	6.0	10.8	14.1	5.5	5.2	.03	.92
13	1	90	3	198.	4.1	8.8	8.2	10.3	11.0	5.3	5.1	.00	.90
13	1	90	4	195.	3.6	7.2	6.6	13.0	13.4	5.2	5.0	.03	.88
13	1	90	5	214.	2.2	4.0	3.8	10.7	13.0	4.7	4.0	.19	.90
13	1	90	6	225.	3.8	8.0	7.6	11.8	12.3	4.2	3.6	.19	.87
13	1	90	7	266.	2.2	7.4	6.6	54.3	56.0	3.6	3.3	.12	.83
13	1	90	8	4.	1.2	6.2	5.8	61.0	67.8	3.5	2.9	.16	.81
13	1	90	9	264.	2.2	5.8	5.4	37.1	48.4	3.0	2.5	.03	.80
13	1	90	10	270.	1.6	5.6	5.4	31.1	45.1	2.9	2.5	-.25	.80
13	1	90	11	242.	2.4	5.6	5.0	17.4	21.5	4.3	4.4	-.84	.71
13	1	90	12	273.	3.1	6.0	5.6	21.5	26.6	4.8	5.1	-.65	.66
13	1	90	13	270.	3.3	6.6	6.2	13.8	14.2	5.7	5.8	-.50	.59
13	1	90	14	285.	3.3	6.6	6.4	12.7	14.9	6.2	6.1	-.56	.57
13	1	90	15	302.	3.5	7.4	7.2	13.6	15.9	6.0	5.8	-.25	.57
13	1	90	16	285.	4.3	8.4	7.6	15.6	16.2	5.3	5.1	.06	.58
13	1	90	17	290.	4.4	8.8	8.4	16.6	16.8	5.1	4.9	.06	.60
13	1	90	18	294.	4.3	8.0	7.8	14.1	14.7	4.4	4.3	.06	.62
13	1	90	19	318.	2.6	6.8	6.4	28.7	34.8	4.1	3.6	.09	.64
13	1	90	20	254.	2.0	3.8	3.6	14.0	19.1	3.7	3.1	.19	.66
13	1	90	21	254.	1.3	3.6	3.6	65.9	103.2	3.2	2.1	.31	.70
13	1	90	22	198.	1.4	3.8	3.4	35.8	41.4	3.2	2.3	.22	.70
13	1	90	23	226.	2.0	5.4	5.2	41.8	71.2	2.5	1.7	.50	.74
13	1	90	24	172.	1.5	4.2	4.0	43.8	60.3	2.7	1.5	.47	.75
14	1	90	1	163.	.8	2.4	2.2	37.8	42.6	2.3	1.1	.75	.78
14	1	90	2	246.	1.1	4.8	4.4	21.2	49.9	1.6	.9	.96	.82
14	1	90	3	214.	1.6	4.4	4.2	22.3	29.4	2.4	1.1	.62	.82
14	1	90	4	201.	.4	2.2	2.2	29.2	31.6	1.8	.4	.71	.86
14	1	90	5	190.	1.3	3.2	3.2	27.8	47.7	1.7	.7	.53	.83
14	1	90	6	233.	1.7	4.6	4.2	20.5	22.5	2.6	1.7	.37	.75
14	1	90	7	193.	1.9	4.2	3.8	31.2	39.1	2.4	1.9	.28	.72
14	1	90	8	219.	1.2	3.8	3.4	34.5	36.1	2.1	1.0	.40	.76
14	1	90	9	228.	2.5	4.6	4.4	26.3	27.7	2.6	1.8	.25	.73
14	1	90	10	208.	2.3	4.0	3.8	10.2	13.0	3.1	2.7	.00	.73
14	1	90	11	193.	1.5	3.8	3.4	30.8	34.0	2.8	2.6	.12	.78
14	1	90	12	197.	1.7	3.2	3.0	13.0	16.0	3.2	3.5	-.22	.81
14	1	90	13	190.	1.7	3.0	2.8	11.2	12.6	3.5	3.4	-.06	.84
14	1	90	14	150.	2.3	4.2	4.0	13.4	21.7	3.1	3.0	.09	.88
14	1	90	15	163.	2.4	4.2	4.0	11.7	13.6	3.3	3.1	.09	.91
14	1	90	16	167.	2.5	4.6	4.4	11.0	13.0	3.5	3.3	.00	.93
14	1	90	17	190.	3.7	6.4	6.2	10.8	14.1	3.6	3.3	-.06	.95
14	1	90	18	207.	3.2	6.0	5.8	19.1	23.6	3.6	3.4	-.06	.94
14	1	90	19	187.	3.3	6.2	6.0	13.1	16.1	3.8	3.7	-.09	.94
14	1	90	20	197.	4.3	8.6	8.2	12.1	12.5	4.1	3.9	-.09	.94
14	1	90	21	188.	5.1	8.8	8.4	12.1	12.3	4.4	4.3	-.09	.94
14	1	90	22	200.	5.5	11.6	11.4	14.8	15.8	4.3	4.3	-.12	.96
14	1	90	23	201.	7.0	13.2	12.6	12.0	12.5	4.6	4.5	-.09	.96
14	1	90	24	195.	8.1	16.4	15.4	12.0	12.3	4.7	4.6	-.09	.96
15	1	90	1	195.	8.8	16.0	14.8	12.7	12.7	4.5	4.5	-.09	.97
15	1	90	2	188.	7.9	14.4	13.8	13.8	14.1	4.6	4.5	-.09	.97
15	1	90	3	194.	7.9	15.8	15.4	13.9	14.2	4.8	4.7	-.09	.97
15	1	90	4	187.	8.6	16.0	14.8	13.2	13.7	4.9	4.8	-.09	.96
15	1	90	5	197.	10.2	19.4	18.2	13.2	13.6	4.9	4.9	-.06	.95
15	1	90	6	194.	11.0	20.8	19.2	12.1	12.3	4.8	4.7	-.06	.92
15	1	90	7	193.	10.6	22.0	20.4	13.0	13.6	4.7	4.6	-.06	.93
15	1	90	8	204.	9.5	17.2	16.4	13.0	13.6	5.4	5.3	-.06	.95
15	1	90	9	214.	6.4	14.4	13.4	13.1	14.1	5.7	5.6	-.03	.96
15	1	90	10	239.	5.2	10.0	9.2	13.0	15.1	6.1	6.0	-.09	.94
15	1	90	11	243.	5.3	11.6	10.6	16.1	16.4	7.1	7.2	-.34	.83
15	1	90	12	252.	4.8	11.6	10.6	15.7	15.9	7.5	7.5	-.28	.77
15	1	90	13	271.	6.9	14.6	13.6	17.4	18.0	7.8	7.8	-.37	.68
15	1	90	14	260.	5.6	10.8	10.2	16.6	17.0	7.4	7.4	-.37	.69
15	1	90	15	253.	3.7	8.4	7.6	16.5	17.3	7.1	7.0	-.31	.71
15	1	90	16	252.	4.1	9.4	8.4	16.1	17.9	6.7	6.5	.03	.68
15	1	90	17	269.	5.2	11.6	10.8	14.2	14.7	6.7	6.5	.09	.66
15	1	90	18	242.	4.2	8.4	7.4	14.7	15.7	6.5	6.3	.12	.67
15	1	90	19	240.	4.4	10.2	9.8	13.7	14.6	6.7	6.3	.19	.67
15	1	90	20	233.	4.2	10.2	9.4	19.0	19.6	6.7	6.5	.09	.63
15	1	90	21	226.	4.9	8.6	8.0	13.6	13.9	6.6	6.3	.06	.65
15	1	90	22	205.	4.1	7.8	7.4	10.8	12.4	6.2	5.6	.12	.70
15	1	90	23	219.	4.2	8.2	7.2	11.2	12.8	5.6	5.3	.09	.75
15	1	90	24	228.	2.9	6.6	6.4	15.9	16.5	5.4	5.3	.00	.78

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	1	90	1	218.	1.2	5.0	4.2	40.7	42.0	5.4	5.2	.00	.81
16	1	90	2	277.	1.5	4.2	4.0	21.2	27.1	5.0	4.6	.06	.84
16	1	90	3	226.	1.4	3.2	3.0	30.5	48.2	4.4	3.4	.09	.89
16	1	90	4	295.	1.9	3.4	3.4	10.7	27.7	3.4	2.8	.34	.91
16	1	90	5	299.	1.9	3.2	3.2	17.9	25.9	2.5	1.7	.37	.92
16	1	90	6	301.	2.7	4.2	4.0	10.8	19.7	2.5	1.7	.65	.90
16	1	90	7	280.	3.5	9.4	8.4	18.9	22.7	2.5	2.0	.65	.87
16	1	90	8	270.	6.3	11.8	11.2	14.4	16.8	6.0	5.8	.16	.73
16	1	90	9	302.	6.8	14.6	12.8	17.9	21.1	6.7	6.6	.00	.70
16	1	90	10	294.	6.3	14.8	14.0	21.4	21.8	7.4	7.2	-.16	.64
16	1	90	11	291.	6.7	15.6	13.8	16.8	16.9	7.6	7.7	-.31	.61
16	1	90	12	285.	8.1	14.4	13.2	13.5	14.1	7.8	7.9	-.25	.60
16	1	90	13	287.	6.9	13.4	11.8	17.1	17.3	8.1	8.1	-.22	.58
16	1	90	14	290.	7.3	13.4	12.6	15.3	15.9	7.9	7.8	-.12	.58
16	1	90	15	284.	4.1	8.8	7.8	14.4	19.5	7.4	7.2	-.03	.56
16	1	90	16	287.	3.4	7.6	6.8	17.3	21.7	6.7	6.5	.06	.57
16	1	90	17	240.	2.5	8.6	8.0	39.1	45.2	6.2	5.9	.00	.58
16	1	90	18	202.	2.4	5.6	5.2	21.2	22.5	5.2	4.6	.06	.62
16	1	90	19	218.	2.7	6.0	5.6	13.9	16.5	5.1	4.7	.12	.65
16	1	90	20	197.	2.8	6.8	6.4	13.0	18.5	5.1	4.8	.03	.66
16	1	90	21	172.	3.6	7.6	7.2	13.0	16.3	4.6	4.5	-.03	.72
16	1	90	22	167.	3.4	6.6	6.4	12.6	13.3	4.4	4.3	-.06	.81
16	1	90	23	187.	4.5	9.8	9.4	13.6	15.3	4.1	4.1	-.06	.95
16	1	90	24	153.	5.2	11.0	10.8	13.5	17.2	3.9	3.9	-.06	.95
17	1	90	1	146.	6.2	11.6	11.2	12.7	13.1	3.9	4.1	-.06	.97
17	1	90	2	188.	4.8	9.4	8.4	14.1	19.6	5.0	5.1	.00	.98
17	1	90	3	228.	4.6	9.0	8.4	13.0	19.7	6.1	6.0	.03	.98
17	1	90	4	231.	5.4	10.4	9.6	11.3	11.6	6.5	6.2	.12	.95
17	1	90	5	240.	6.8	16.0	14.4	11.7	11.8	6.1	5.9	.06	.84
17	1	90	6	231.	7.8	17.8	17.4	13.4	16.0	5.3	5.1	.00	.78
17	1	90	7	226.	6.7	13.8	13.2	12.7	13.6	4.8	4.7	-.03	.79
17	1	90	8	214.	7.2	13.0	12.8	13.0	13.8	4.5	4.3	-.03	.80
17	1	90	9	225.	5.9	14.2	13.4	16.6	17.0	4.5	4.3	.00	.81
17	1	90	10	224.	6.7	13.4	13.0	16.0	16.4	4.9	4.8	-.12	.80
17	1	90	11	233.	6.4	15.2	13.2	16.7	16.9	5.5	5.6	-.31	.78
17	1	90	12	229.	6.7	13.8	13.6	16.0	16.2	6.2	6.5	-.43	.76
17	1	90	13	238.	7.7	16.4	15.6	16.4	16.7	6.5	6.7	-.37	.74
17	1	90	14	235.	6.3	18.8	17.6	20.9	21.7	6.6	6.7	-.37	.73
17	1	90	15	242.	6.4	16.2	15.2	17.3	17.4	6.2	6.2	-.25	.73
17	1	90	16	247.	7.6	18.4	17.2	16.8	17.2	5.6	5.6	-.03	.76
17	1	90	17	246.	9.1	20.2	19.0	16.4	16.9	4.1	4.1	-.03	.90
17	1	90	18	256.	5.6	12.0	11.4	18.5	19.2	4.0	3.9	.06	.89
17	1	90	19	271.	7.0	20.0	17.6	18.1	19.4	4.8	4.7	.00	.83
17	1	90	20	269.	8.7	16.4	15.4	15.8	16.4	5.1	5.1	-.03	.81
17	1	90	21	295.	9.3	21.8	20.8	14.6	15.7	5.6	5.5	.00	.75
17	1	90	22	283.	8.0	15.4	14.4	14.1	16.1	5.5	5.4	.03	.74
17	1	90	23	273.	9.4	21.2	19.4	13.5	14.8	6.3	6.2	.00	.63
17	1	90	24	273.	11.3	29.8	28.6	14.2	14.7	5.2	5.1	-.06	.71
18	1	90	1	263.	8.9	20.0	18.2	16.2	16.8	5.4	5.3	-.06	.66
18	1	90	2	267.	8.9	17.0	15.4	14.3	14.5	5.3	5.2	-.03	.63
18	1	90	3	260.	7.2	15.0	14.2	16.3	16.5	5.2	5.2	-.03	.62
18	1	90	4	276.	7.8	19.6	18.2	17.4	19.2	5.4	5.3	.00	.61
18	1	90	5	271.	8.6	16.8	16.4	15.0	15.1	5.1	5.1	-.06	.63
18	1	90	6	271.	8.8	18.0	17.2	13.6	13.7	5.1	5.1	-.03	.63
18	1	90	7	277.	9.4	16.8	15.8	13.2	13.3	5.0	5.0	-.06	.63
18	1	90	8	273.	8.9	15.2	14.4	13.6	13.8	5.3	5.2	-.03	.59
18	1	90	9	277.	8.7	16.4	15.4	13.7	13.7	5.5	5.5	-.03	.57
18	1	90	10	285.	7.4	14.4	13.2	13.3	13.6	5.5	5.5	-.03	.57
18	1	90	11	280.	7.1	15.6	14.4	13.6	13.8	5.6	5.6	-.06	.57
18	1	90	12	280.	6.8	15.6	13.6	13.7	13.8	5.7	5.7	-.06	.57
18	1	90	13	285.	7.5	16.2	15.4	14.6	14.7	5.7	5.7	-.06	.55
18	1	90	14	278.	8.1	15.6	14.4	14.3	14.4	5.8	5.8	-.06	.53
18	1	90	15	284.	5.4	12.0	11.6	15.3	16.3	5.5	5.5	-.06	.54
18	1	90	16	290.	4.2	8.6	8.2	16.3	17.7	5.3	5.2	-.03	.55
18	1	90	17	267.	3.8	7.4	7.0	14.8	17.2	5.2	5.1	.00	.55
18	1	90	18	297.	3.6	7.0	6.6	15.7	18.3	4.9	4.8	.00	.55
18	1	90	19	301.	4.6	10.2	9.0	15.8	15.9	4.9	4.9	.00	.54
18	1	90	20	304.	5.4	10.2	9.6	13.0	13.3	4.9	4.8	-.03	.54
18	1	90	21	298.	5.4	12.0	11.0	11.0	11.9	4.7	4.6	.00	.55
18	1	90	22	319.	3.9	8.4	8.0	17.0	18.5	4.1	4.0	.00	.57
18	1	90	23	304.	4.0	8.6	8.2	12.6	14.2	4.2	3.9	.06	.56
18	1	90	24	298.	4.4	8.2	7.6	11.3	11.6	3.9	3.8	.06	.57

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	1	90	1	288.	3.7	7.2	7.0	11.6	12.7	3.6	3.4	.03	.57
19	1	90	2	299.	3.3	6.0	5.6	13.2	17.6	3.0	2.5	.22	.60
19	1	90	3	314.	3.6	8.6	8.4	15.0	17.9	3.3	3.1	.03	.58
19	1	90	4	288.	2.5	4.4	4.0	11.2	14.8	2.6	2.1	.06	.61
19	1	90	5	281.	2.7	4.4	4.2	10.6	12.1	2.2	1.8	.16	.60
19	1	90	6	155.	1.6	3.8	3.6	38.2	86.5	1.7	.8	.47	.63
19	1	90	7	162.	2.0	3.2	3.0	6.7	20.2	.7	-.4	.75	.72
19	1	90	8	204.	1.8	3.4	3.2	9.9	18.1	.6	-.5	.47	.73
19	1	90	9	202.	3.4	7.0	6.6	9.1	9.9	.7	.0	.28	.74
19	1	90	10	159.	3.3	6.2	5.8	9.5	16.4	1.5	1.1	.16	.74
19	1	90	11	169.	3.6	6.8	6.4	10.5	14.7	1.9	1.8	.19	.81
19	1	90	12	194.	4.8	11.2	10.6	14.9	19.0	3.6	3.5	.06	.94
19	1	90	13	188.	7.4	15.4	14.8	13.6	14.2	4.7	4.7	-.06	.95
19	1	90	14	181.	7.4	15.4	14.2	14.1	14.7	4.9	4.9	-.06	.95
19	1	90	15	188.	8.1	15.8	15.2	13.9	14.1	5.1	5.1	-.06	.93
19	1	90	16	193.	7.6	17.4	16.0	13.1	13.4	5.0	5.0	-.03	.93
19	1	90	17	205.	7.4	13.8	12.8	11.8	12.7	4.8	4.7	-.06	.91
19	1	90	18	218.	6.0	11.0	10.0	11.8	13.3	4.8	4.7	-.03	.90
19	1	90	19	240.	2.9	6.6	6.4	23.6	27.3	4.7	4.7	-.06	.90
19	1	90	20	236.	4.2	8.8	8.0	16.3	16.7	4.3	4.2	.00	.85
19	1	90	21	232.	4.4	8.2	7.6	12.3	12.7	3.9	3.7	.00	.77
19	1	90	22	240.	3.6	6.8	6.4	14.8	15.2	3.1	2.9	.00	.75
19	1	90	23	190.	2.4	6.4	6.0	19.7	26.5	2.7	2.3	.12	.75
19	1	90	24	221.	2.6	5.0	4.6	13.1	14.9	1.9	1.3	.22	.81
20	1	90	1	240.	4.2	9.2	8.2	13.8	17.8	1.3	1.1	.12	.81
20	1	90	2	162.	3.7	9.0	8.0	25.8	35.8	2.0	1.8	.03	.73
20	1	90	3	202.	2.5	5.6	5.2	16.0	27.2	1.1	.7	.16	.79
20	1	90	4	201.	2.7	7.2	6.6	22.8	25.8	1.4	.9	.16	.79
20	1	90	5	267.	1.9	6.0	5.2	44.6	49.6	1.3	.8	.12	.80
20	1	90	6	247.	2.0	5.8	5.4	30.5	32.2	1.5	.8	.22	.79
20	1	90	7	165.	1.7	4.4	4.2	55.6	82.8	1.7	1.2	.12	.75
20	1	90	8	226.	3.3	7.6	7.0	19.6	21.8	1.5	1.0	.22	.77
20	1	90	9	219.	5.1	9.0	8.8	12.0	12.9	2.0	1.7	.00	.77
20	1	90	10	253.	4.5	8.8	8.6	15.5	18.9	2.7	2.7	-.28	.76
20	1	90	11	246.	2.9	7.2	6.6	17.7	18.4	4.7	4.9	-.62	.66
20	1	90	12	233.	3.8	8.2	7.8	13.6	14.7	5.1	5.2	-.43	.63
20	1	90	13	247.	5.3	11.6	10.8	16.8	17.3	5.8	5.9	-.37	.63
20	1	90	14	226.	3.7	8.6	8.0	17.9	20.1	5.9	6.0	-.34	.62
20	1	90	15	208.	3.9	7.8	7.2	12.8	15.6	5.5	5.4	-.16	.66
20	1	90	16	217.	3.9	8.0	7.8	13.6	18.9	5.2	4.8	.03	.69
20	1	90	17	193.	3.6	7.6	7.0	12.2	12.7	4.7	4.3	.06	.72
20	1	90	18	191.	4.0	8.6	8.0	15.8	21.9	4.8	4.6	.03	.74
20	1	90	19	181.	3.6	7.2	7.0	13.8	14.6	4.8	4.5	.00	.81
20	1	90	20	222.	3.0	6.4	6.2	14.9	21.4	4.4	3.9	.12	.87
20	1	90	21	297.	3.5	8.8	8.2	31.4	40.7	4.9	4.7	.09	.85
20	1	90	22	307.	5.8	11.4	10.8	15.1	16.8	6.2	6.0	.12	.73
20	1	90	23	305.	7.1	16.8	15.8	13.6	14.1	7.0	6.8	.03	.64
20	1	90	24	309.	7.6	13.4	12.8	11.3	11.8	6.5	6.4	.00	.59
21	1	90	1	291.	5.6	12.6	11.6	14.5	22.5	5.9	5.6	.00	.57
21	1	90	2	273.	6.0	10.2	9.8	13.0	13.5	5.3	5.2	.00	.58
21	1	90	3	307.	2.7	8.8	8.6	30.2	34.3	5.0	4.6	.03	.58
21	1	90	4	277.	4.5	9.8	9.2	9.7	12.3	5.1	4.8	.09	.55
21	1	90	5	333.	2.3	5.8	5.4	22.9	28.5	4.5	4.2	.03	.57
21	1	90	6	329.	3.4	6.8	6.4	12.4	16.6	4.7	4.5	.03	.60
21	1	90	7	309.	2.7	5.2	5.0	13.7	18.9	4.6	4.2	.06	.60
21	1	90	8	326.	1.7	3.6	3.4	11.2	19.4	4.3	3.8	.09	.62
21	1	90	9	314.	2.4	5.0	4.8	20.6	35.0	3.8	3.4	.12	.64
21	1	90	10	309.	2.5	5.6	5.4	11.8	19.9	3.1	3.0	.19	.67
21	1	90	11	301.	1.6	2.4	2.4	11.9	19.8	3.0	2.7	.25	.73
21	1	90	12	305.	1.6	3.0	2.8	11.2	22.9	3.0	2.9	.12	.73
21	1	90	13	115.	1.4	3.4	3.2	34.7	63.4	3.1	3.3	-.03	.72
21	1	90	14	250.	.4	1.4	1.2	57.1	102.5	3.6	3.7	-.09	.72
21	1	90	15	129.	.6	2.0	2.0	68.3	106.4	4.3	4.2	-.12	.72
21	1	90	16	132.	1.2	2.4	2.2	23.1	39.4	3.8	3.2	.37	.72
21	1	90	17	202.	1.0	2.4	2.2	38.8	56.2	3.4	2.5	.59	.74
21	1	90	18	104.	.8	2.4	2.2	26.5	30.6	3.2	1.8	.68	.77
21	1	90	19	352.	.3	2.0	1.8	50.9	101.3	2.5	1.4	.68	.80
21	1	90	20	353.	.8	2.8	2.6	9.1	12.8	1.9	.7	.99	.83
21	1	90	21	343.	1.5	3.2	3.0	9.6	13.6	1.1	.0	.90	.85
21	1	90	22	7.	1.0	2.6	2.4	8.6	15.5	.4	-.2	1.27	.88
21	1	90	23	257.	1.5	3.0	2.8	48.3	87.5	.2	-.2	1.15	.86
21	1	90	24	52.	1.2	2.8	2.8	38.7	64.7	.4	.3	.62	.84

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	1	90	1	127.	.6	2.2	2.2	69.3	87.7	.9	.6	.59	.87
22	1	90	2	124.	1.4	3.0	2.8	63.5	93.5	.8	.8	.59	.91
22	1	90	3	120.	2.4	3.8	3.6	6.6	13.4	1.7	1.4	.81	.92
22	1	90	4	138.	3.1	5.2	5.0	8.4	12.2	3.1	3.0	.34	.94
22	1	90	5	145.	2.5	5.4	5.0	10.9	12.7	3.8	3.5	.47	.94
22	1	90	6	141.	2.9	5.8	5.4	11.4	12.6	5.1	5.0	.19	.96
22	1	90	7	170.	2.9	6.4	6.2	13.3	18.3	5.6	5.6	.06	.96
22	1	90	8	172.	4.2	8.6	8.4	13.6	13.8	6.3	6.3	.00	.96
22	1	90	9	187.	6.1	11.6	11.0	13.6	14.3	6.5	6.4	-.03	.96
22	1	90	10	191.	6.0	12.4	12.0	13.7	13.9	6.5	6.5	-.06	.96
22	1	90	11	195.	6.9	13.0	12.0	12.6	13.0	6.6	6.6	-.06	.96
22	1	90	12	193.	5.8	12.6	12.0	12.2	12.4	6.7	6.7	-.06	.96
22	1	90	13	202.	4.3	8.6	8.2	11.8	13.8	6.8	6.8	-.06	.96
22	1	90	14	202.	4.3	7.6	7.0	10.8	11.2	7.1	7.1	-.09	.96
22	1	90	15	198.	4.5	7.8	7.6	10.1	10.5	7.5	7.3	-.06	.96
22	1	90	16	207.	3.8	7.6	7.0	10.7	11.1	7.3	7.0	.00	.96
22	1	90	17	210.	4.0	7.8	7.2	11.7	11.8	6.8	6.4	.06	.96
22	1	90	18	207.	4.2	7.2	7.0	10.2	11.1	6.3	5.9	.03	.96
22	1	90	19	208.	4.5	8.8	8.6	10.6	10.8	5.7	5.4	.00	.94
22	1	90	20	225.	5.4	9.8	9.0	12.3	12.8	5.3	5.0	-.03	.92
22	1	90	21	208.	3.1	7.0	6.4	12.3	15.9	4.7	4.4	.03	.90
22	1	90	22	211.	2.3	5.0	4.6	19.3	19.9	4.1	3.4	.22	.91
22	1	90	23	156.	2.2	5.6	5.2	47.0	50.7	3.7	3.0	.16	.90
22	1	90	24	204.	2.8	5.8	5.6	33.4	39.3	3.3	2.6	.16	.89
23	1	90	1	194.	3.7	7.2	7.0	11.8	13.6	3.0	2.5	.12	.86
23	1	90	2	214.	4.6	8.2	7.6	10.2	11.2	2.9	2.6	.06	.87
23	1	90	3	167.	3.8	7.6	7.2	14.2	21.0	2.8	2.5	.03	.87
23	1	90	4	160.	3.4	6.2	5.6	10.6	12.9	2.9	2.4	.16	.87
23	1	90	5	173.	1.9	5.0	4.6	19.8	22.8	2.7	2.4	.06	.89
23	1	90	6	174.	2.7	6.4	6.0	14.2	22.7	2.8	2.4	.16	.90
23	1	90	7	180.	4.0	9.0	8.6	11.1	12.2	3.9	3.6	.09	.92
23	1	90	8	166.	5.9	11.8	11.4	14.3	15.8	4.6	4.5	-.03	.93
23	1	90	9	174.	7.2	14.4	13.2	15.7	16.8	4.5	4.5	-.06	.94
23	1	90	10	170.	8.2	17.4	15.2	15.2	15.5	4.6	4.6	-.09	.95
23	1	90	11	173.	7.8	18.8	17.4	15.4	15.7	4.9	5.0	-.06	.95
23	1	90	12	146.	8.4	17.2	16.4	14.9	18.7	4.9	5.0	-.09	.94
23	1	90	13	159.	9.3	18.4	17.8	14.5	15.1	5.2	5.2	-.06	.95
23	1	90	14	162.	9.4	21.2	20.2	15.2	15.5	5.6	5.6	-.09	.96
23	1	90	15	172.	9.1	18.4	17.4	15.8	16.2	5.9	5.9	-.09	.96
23	1	90	16	190.	8.4	19.2	17.6	14.2	14.9	6.0	5.9	-.06	.93
23	1	90	17	186.	7.4	14.8	13.6	13.6	13.9	5.9	5.8	-.06	.93
23	1	90	18	187.	7.0	13.4	12.6	12.9	13.1	5.9	5.9	-.06	.96
23	1	90	19	211.	4.9	10.0	9.6	12.7	14.5	6.0	5.9	-.03	.96
23	1	90	20	274.	3.0	6.8	6.4	17.4	26.2	5.5	5.4	.03	.93
23	1	90	21	299.	2.3	6.2	5.6	40.0	43.6	4.7	4.6	.03	.90
23	1	90	22	224.	3.4	8.2	7.8	28.8	31.7	3.8	3.6	.06	.86
23	1	90	23	152.	1.8	6.0	5.2	35.4	42.4	3.3	3.0	.06	.86
23	1	90	24	211.	2.3	5.6	5.4	25.7	37.4	2.6	2.2	.12	.88
24	1	90	1	205.	3.1	4.8	4.6	8.2	9.0	2.3	1.8	.12	.88
24	1	90	2	195.	2.9	8.8	8.4	11.5	12.6	2.3	1.9	.16	.89
24	1	90	3	208.	2.9	8.2	7.6	16.4	17.6	2.0	1.8	.00	.88
24	1	90	4	169.	2.3	6.8	6.2	48.4	50.4	1.3	1.0	.03	.90
24	1	90	5	145.	1.9	4.8	4.6	22.8	25.7	1.0	.6	.03	.90
24	1	90	6	176.	2.5	5.8	5.4	17.3	31.4	.7	.3	.09	.91
24	1	90	7	187.	1.3	3.8	3.4	51.3	64.5	.4	-.2	.12	.90
24	1	90	8	201.	2.1	4.8	4.4	15.3	19.1	.6	.2	.09	.90
24	1	90	9	207.	2.1	4.6	4.2	14.0	17.6	.5	.1	.12	.90
24	1	90	10	271.	1.6	5.0	4.8	59.6	79.3	1.1	1.0	-.22	.89
24	1	90	11	240.	1.5	4.0	3.8	21.8	26.6	1.3	1.4	-.22	.86
24	1	90	12	262.	1.4	3.8	3.6	26.3	28.4	1.7	1.9	-.37	.84
24	1	90	13	246.	1.2	4.2	4.0	32.9	46.7	2.7	3.2	-.56	.80
24	1	90	14	243.	2.4	5.2	4.8	14.0	15.3	4.3	4.4	-.87	.71
24	1	90	15	247.	3.7	9.2	8.0	14.6	16.5	4.0	4.0	-.34	.65
24	1	90	16	246.	4.3	8.6	8.4	18.6	18.8	3.4	3.4	-.09	.57
24	1	90	17	250.	3.3	7.6	6.6	16.7	17.0	3.1	3.0	-.03	.59
24	1	90	18	222.	2.6	6.2	5.8	17.0	19.5	2.8	2.7	.00	.60
24	1	90	19	231.	3.9	7.0	6.4	10.8	11.1	2.3	2.2	-.03	.65
24	1	90	20	221.	2.6	5.6	5.2	14.7	15.7	1.8	1.6	-.03	.70
24	1	90	21	228.	3.3	8.2	7.2	16.9	17.9	1.5	1.4	-.03	.72
24	1	90	22	242.	3.0	8.2	7.6	19.0	20.1	1.3	1.1	-.06	.72
24	1	90	23	278.	3.0	6.4	6.2	16.3	17.4	.9	.8	-.06	.74
24	1	90	24	276.	2.3	6.0	5.6	16.0	18.1	.6	.5	-.03	.76

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	1	90	1	266.	2.0	5.2	4.6	14.1	15.8	.6	.3	.00	.77
25	1	90	2	235.	2.7	4.6	4.4	11.8	15.4	.8	.3	.12	.79
25	1	90	3	235.	2.7	5.6	5.4	15.2	15.8	.9	.6	.06	.79
25	1	90	4	240.	1.7	5.0	4.8	21.8	24.1	.4	.0	.03	.82
25	1	90	5	252.	2.1	5.8	5.6	57.7	72.5	.1	-.3	.00	.83
25	1	90	6	247.	2.1	4.8	4.6	12.0	15.8	-.1	-.9	.19	.85
25	1	90	7	166.	1.5	3.0	2.6	13.3	34.6	-.3	-.9	.19	.85
25	1	90	8	212.	1.5	2.8	2.8	13.0	21.6	-1.3	-1.8	.40	.87
25	1	90	9	235.	1.0	3.8	3.6	22.1	26.9	-.8	-2.2	.50	.87
25	1	90	10	90.	1.1	2.8	2.6	30.2	61.7	.0	-.5	-.37	.88
25	1	90	11	105.	.4	2.0	1.8	60.3	75.0	1.5	1.7	-.93	.86
25	1	90	12	104.	1.0	2.4	2.4	16.0	23.2	1.7	2.1	-.75	.81
25	1	90	13	165.	1.3	2.6	2.4	10.7	23.4	1.3	1.8	-.37	.81
25	1	90	14	121.	1.0	2.0	1.8	18.4	28.7	1.2	1.4	-.25	.84
25	1	90	15	83.	2.4	3.8	3.6	10.4	14.2	1.0	1.1	-.06	.85
25	1	90	16	91.	3.0	5.0	4.6	7.2	10.5	1.1	1.1	.03	.88
25	1	90	17	111.	4.0	7.2	6.8	11.2	13.2	1.5	1.6	-.03	.90
25	1	90	18	131.	6.1	16.2	15.2	11.5	12.6	2.5	2.5	.00	.87
25	1	90	19	118.	8.5	15.8	15.4	12.3	13.3	2.3	2.2	-.03	.88
25	1	90	20	97.	7.2	13.4	12.6	12.8	13.8	1.6	1.6	-.09	.92
25	1	90	21	79.	7.0	15.4	14.8	14.4	15.7	.6	.7	-.06	.93
25	1	90	22	76.	7.3	13.6	12.6	15.6	15.7	.2	.3	-.12	.93
25	1	90	23	66.	7.4	15.4	14.6	16.3	16.5	.1	.2	-.19	.93
25	1	90	24	67.	8.4	17.4	16.4	16.8	17.0	.0	.1	-.09	.93
26	1	90	1	59.	7.6	15.4	15.0	17.0	17.3	.0	.1	-.06	.93
26	1	90	2	56.	6.2	14.0	12.8	18.0	18.0	.0	.1	-.06	.93
26	1	90	3	59.	4.8	12.4	11.6	24.9	24.9	.2	.1	-.19	.92
26	1	90	4	41.	4.6	11.6	11.2	22.4	23.4	.3	.2	-.31	.92
26	1	90	5	37.	5.5	13.4	10.8	17.6	17.8	.3	.2	-.34	.92
26	1	90	6	13.	3.5	8.6	8.2	21.1	22.3	.4	.3	-.37	.92
26	1	90	7	29.	4.8	10.6	10.0	17.0	18.6	.3	.4	-.37	.91
26	1	90	8	21.	5.4	11.8	11.2	15.3	16.2	.3	.3	-.40	.89
26	1	90	9	11.	5.4	11.0	10.0	12.8	13.0	.5	.4	-.50	.88
26	1	90	10	3.	4.9	9.2	8.8	11.7	12.0	.6	.6	-.59	.86
26	1	90	11	3.	4.6	9.0	8.6	12.3	12.6	.7	.7	-.65	.86
26	1	90	12	4.	4.5	9.4	9.2	12.6	12.7	.9	.9	-.56	.85
26	1	90	13	1.	4.2	9.2	8.6	11.6	12.2	1.2	1.1	-.53	.82
26	1	90	14	360.	4.0	9.0	8.0	11.7	12.3	1.2	1.2	-.31	.82
26	1	90	15	330.	4.0	7.6	7.4	10.7	15.1	1.3	1.2	-.22	.81
26	1	90	16	314.	4.6	8.4	7.8	11.2	12.9	.9	.9	-.19	.86
26	1	90	17	302.	3.9	6.6	6.2	9.9	10.3	.3	.4	-.12	.91
26	1	90	18	309.	3.2	5.6	5.4	10.2	10.5	.1	.2	-.12	.91
26	1	90	19	309.	3.3	5.2	5.0	8.1	8.3	.2	.3	-.09	.90
26	1	90	20	311.	2.6	4.8	4.4	7.6	8.9	.2	.3	-.09	.90
26	1	90	21	308.	2.3	3.4	3.2	5.6	6.7	.2	.1	.00	.89
26	1	90	22	315.	1.8	3.0	2.8	5.4	9.3	.1	.0	.00	.90
26	1	90	23	90.	.1	1.0	1.0	29.1	62.8	-.1	-.4	.03	.92
26	1	90	24	132.	.2	1.0	1.0	31.1	47.2	.0	-.4	.09	.92
27	1	90	1	115.	.8	1.4	1.2	4.2	14.4	-.3	-.8	.22	.91
27	1	90	2	97.	1.9	3.2	3.0	4.9	6.7	-.5	-1.0	.28	.91
27	1	90	3	108.	2.0	3.8	3.6	7.4	9.7	-.5	-.7	-.03	.90
27	1	90	4	108.	1.8	3.0	2.8	7.3	8.7	-.6	-.6	-.06	.88
27	1	90	5	108.	1.4	2.6	2.4	7.6	10.0	-.7	-.6	-.06	.88
27	1	90	6	96.	1.0	2.4	2.4	16.3	20.2	-.8	-.7	-.09	.88
27	1	90	7	76.	.6	2.0	1.8	10.7	23.0	-.7	-.8	-.06	.90
27	1	90	8	18.	1.1	2.8	2.6	20.5	26.4	-.9	-.9	-.06	.89
27	1	90	9	252.	.8	2.6	2.4	53.9	86.8	-.9	-1.1	.03	.89
27	1	90	10	350.	.5	1.8	1.6	47.3	93.9	-.2	-.3	-.03	.89
27	1	90	11	357.	.7	2.4	2.2	24.7	26.2	.3	.6	-.28	.87
27	1	90	12	28.	.6	2.2	2.0	65.1	90.9	.5	.9	-.43	.83
27	1	90	13	318.	.5	2.4	2.4	45.6	79.2	.5	.8	-.37	.83
27	1	90	14	305.	.7	2.6	2.4	37.8	42.8	.3	.8	-.25	.83
27	1	90	15	298.	1.3	2.8	2.6	19.2	22.3	-.1	.1	-.28	.85
27	1	90	16	269.	1.1	3.0	3.0	20.1	21.4	-.6	-.5	-.22	.88
27	1	90	17	260.	1.4	2.8	2.6	19.1	20.3	-1.0	-.8	-.19	.88
27	1	90	18	271.	1.6	3.6	3.4	15.7	16.4	-1.2	-1.0	-.19	.89
27	1	90	19	269.	.7	2.2	2.0	41.9	49.6	-1.4	-1.3	-.16	.89
27	1	90	20	271.	1.0	3.0	2.6	23.9	37.8	-1.5	-1.4	-.16	.90
27	1	90	21	245.	.7	1.8	1.8	37.0	44.2	-1.6	-1.4	-.16	.90
27	1	90	22	187.	.6	2.0	1.8	48.2	55.8	-1.6	-1.5	-.16	.90
27	1	90	23	0.	.4	2.2	2.0	54.7	70.6	-1.6	-1.5	-.12	.90
27	1	90	24	340.	.8	2.2	2.0	44.0	118.2	-1.9	-2.0	.00	.90

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	1	90	1	314.	1.4	2.8	2.8	12.1	16.9	-1.6	-1.5	-.06	.91
28	1	90	2	359.	1.2	2.4	2.2	14.9	18.3	-1.5	-1.3	-.09	.91
28	1	90	3	8.	.8	2.0	2.0	32.5	50.5	-1.1	-1.0	-.09	.92
28	1	90	4	344.	1.1	2.2	2.0	13.1	16.0	-1.4	-1.6	.22	.91
28	1	90	5	104.	1.6	3.6	3.4	39.0	92.8	-.8	-.9	.31	.91
28	1	90	6	96.	2.5	4.2	4.0	7.2	12.5	.3	.3	.22	.93
28	1	90	7	101.	3.3	4.8	4.6	6.7	7.4	.9	.8	.16	.94
28	1	90	8	96.	3.7	7.2	6.8	8.3	9.3	1.0	1.0	.06	.94
28	1	90	9	91.	5.3	9.6	9.0	11.3	11.5	1.2	1.2	.00	.94
28	1	90	10	101.	6.8	14.2	13.6	11.6	13.4	1.7	1.7	.00	.94
28	1	90	11	100.	5.0	10.0	9.6	11.6	12.1	.6	.7	-.12	.93
28	1	90	12	100.	5.1	9.2	8.6	11.3	11.5	.3	.4	-.09	.94
28	1	90	13	103.	5.4	10.0	9.2	11.6	11.8	.5	.5	-.09	.94
28	1	90	14	101.	6.1	12.4	11.2	13.6	14.0	.6	.7	-.09	.94
28	1	90	15	112.	7.0	13.4	12.8	11.7	12.5	1.1	1.1	-.09	.94
28	1	90	16	94.	5.6	11.8	11.4	12.4	13.6	.5	.5	-.09	.94
28	1	90	17	150.	5.1	10.4	9.8	15.3	33.9	2.1	2.0	.03	.96
28	1	90	18	160.	6.2	13.4	13.0	14.0	14.7	4.1	4.0	-.06	.96
28	1	90	19	152.	4.8	10.6	10.0	15.4	17.5	3.9	3.8	-.06	.96
28	1	90	20	146.	4.1	8.6	8.2	13.4	19.2	3.6	3.5	-.03	.96
28	1	90	21	146.	4.5	10.8	9.6	13.6	14.1	4.2	4.1	-.06	.96
28	1	90	22	166.	3.4	7.0	6.4	13.4	18.1	4.2	4.1	.00	.97
28	1	90	23	332.	1.7	4.6	4.2	61.1	98.3	3.1	2.9	-.03	.96
28	1	90	24	330.	4.0	6.4	6.0	7.7	7.8	1.4	1.4	-.09	.94
29	1	90	1	321.	3.1	4.6	4.4	7.4	8.9	1.1	1.1	-.09	.94
29	1	90	2	308.	3.1	5.4	5.2	6.9	10.4	.9	1.0	-.09	.94
29	1	90	3	302.	4.1	5.8	5.8	6.3	7.4	.8	.9	-.09	.93
29	1	90	4	322.	3.4	6.8	6.4	11.2	14.9	1.1	1.1	-.12	.91
29	1	90	5	319.	1.8	5.6	5.2	31.5	33.0	1.2	1.1	-.16	.90
29	1	90	6	274.	1.4	4.0	3.8	28.4	37.9	.9	.7	-.03	.91
29	1	90	7	256.	2.1	3.4	3.2	11.4	15.7	.6	.2	.12	.92
29	1	90	8	269.	2.4	3.4	3.4	6.4	15.2	.6	.1	.40	.91
29	1	90	9	285.	1.8	2.8	2.6	13.1	17.6	.9	.2	.22	.91
29	1	90	10	262.	.6	2.4	2.4	29.4	37.2	1.4	.8	-.40	.91
29	1	90	11	280.	1.5	2.8	2.6	11.3	24.1	1.7	1.3	-.22	.89
29	1	90	12	264.	2.7	6.4	6.0	12.9	13.5	2.6	2.8	-.59	.83
29	1	90	13	240.	2.4	6.2	5.8	18.9	20.6	3.2	3.3	-.31	.81
29	1	90	14	273.	1.9	6.2	5.6	24.4	25.5	4.4	4.4	-.56	.77
29	1	90	15	232.	1.3	5.0	4.4	29.9	33.5	5.2	5.2	-.68	.75
29	1	90	16	190.	1.1	3.0	2.8	30.9	39.3	3.8	3.4	-.16	.79
29	1	90	17	188.	2.5	4.6	4.4	13.5	16.6	3.1	2.5	.22	.82
29	1	90	18	212.	1.9	4.6	4.2	13.3	17.6	2.9	2.2	.16	.84
29	1	90	19	183.	2.1	4.0	3.6	8.8	10.9	3.0	2.3	.25	.83
29	1	90	20	170.	1.8	3.6	3.4	10.7	13.3	3.1	2.6	.19	.84
29	1	90	21	170.	2.3	4.0	3.6	8.2	9.6	3.2	2.7	.22	.85
29	1	90	22	136.	2.7	4.2	3.8	8.3	15.5	2.9	2.6	.40	.89
29	1	90	23	169.	4.1	8.4	7.8	11.3	19.8	3.5	3.3	.19	.94
29	1	90	24	180.	4.2	8.2	7.6	13.3	15.3	4.2	4.0	-.03	.95
30	1	90	1	179.	5.3	10.4	9.6	13.0	13.3	4.5	4.3	.00	.96
30	1	90	2	179.	5.8	12.2	11.6	14.2	14.3	4.5	4.4	.00	.96
30	1	90	3	176.	5.8	11.4	10.6	14.1	14.3	4.5	4.4	-.03	.96
30	1	90	4	184.	7.1	15.2	13.4	13.8	14.4	4.5	4.3	.00	.95
30	1	90	5	181.	6.0	12.6	11.6	13.8	14.4	4.4	4.3	.00	.94
30	1	90	6	166.	6.2	14.4	13.0	13.8	14.5	4.3	4.2	-.03	.94
30	1	90	7	157.	6.0	12.0	11.0	13.9	14.3	4.2	4.1	-.03	.95
30	1	90	8	155.	5.4	10.4	9.8	13.0	13.1	4.3	4.2	.00	.93
30	1	90	9	155.	5.2	11.2	10.0	13.3	13.4	4.4	4.2	.00	.90
30	1	90	10	155.	5.4	10.2	9.4	14.1	14.2	4.4	4.3	-.03	.89
30	1	90	11	150.	5.8	10.4	9.6	12.0	13.0	4.2	4.1	-.03	.92
30	1	90	12	155.	5.8	10.8	10.0	13.1	13.4	4.0	3.9	-.06	.92
30	1	90	13	166.	5.6	12.4	11.8	13.6	13.9	3.6	3.5	-.06	.92
30	1	90	14	183.	6.1	12.2	11.2	15.0	16.2	3.1	3.0	-.09	.91
30	1	90	15	169.	4.5	11.4	10.4	14.6	15.2	2.5	2.5	-.09	.91
30	1	90	16	163.	3.6	8.8	8.2	14.9	16.3	2.9	2.8	-.06	.92
30	1	90	17	165.	4.3	9.0	8.6	13.1	14.0	3.4	3.4	-.03	.94
30	1	90	18	170.	5.2	10.6	10.4	14.9	15.1	3.8	3.7	-.03	.94
30	1	90	19	163.	5.2	10.0	8.6	14.9	15.3	3.9	3.8	-.06	.94
30	1	90	20	167.	5.0	9.6	8.8	14.6	14.9	4.0	3.9	-.06	.94
30	1	90	21	153.	5.3	11.0	10.6	14.7	16.8	4.0	3.9	-.06	.93
30	1	90	22	177.	5.5	10.6	10.4	14.2	16.2	4.4	4.3	-.06	.96
30	1	90	23	194.	6.3	13.4	12.4	13.3	14.6	4.9	4.8	-.03	.95
30	1	90	24	186.	4.9	12.2	10.4	14.1	16.3	5.0	4.9	-.03	.95

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
31	1	90	1	183.	3.7	7.2	6.8	11.6	12.2	5.3	5.1	.03	.96
31	1	90	2	166.	3.2	7.2	6.8	12.9	13.8	5.5	5.2	.03	.96
31	1	90	3	183.	3.6	7.2	7.0	13.4	14.3	5.7	5.5	.00	.96
31	1	90	4	160.	3.8	7.6	7.2	15.0	16.5	5.7	5.6	-.03	.96
31	1	90	5	165.	5.4	11.4	10.2	14.5	14.9	5.6	5.6	-.03	.96
31	1	90	6	159.	6.3	13.4	12.4	13.5	13.8	5.6	5.6	-.03	.96
31	1	90	7	160.	7.0	15.0	13.8	14.4	14.7	5.7	5.7	-.03	.96
31	1	90	8	166.	7.0	14.0	13.8	16.3	16.5	5.8	5.7	-.03	.96
31	1	90	9	159.	7.6	15.8	14.2	15.5	15.6	5.9	5.8	-.06	.96
31	1	90	10	167.	8.5	20.0	18.2	15.6	15.7	5.9	5.9	-.06	.96
31	1	90	11	176.	9.3	19.6	18.2	15.3	16.1	6.1	6.1	-.06	.96
31	1	90	12	193.	8.8	17.6	16.4	14.1	14.7	6.3	6.3	-.09	.96
31	1	90	13	197.	8.4	16.0	14.8	13.8	13.9	6.5	6.4	-.09	.96
31	1	90	14	187.	8.1	16.4	15.4	13.6	14.0	6.6	6.5	-.06	.96
31	1	90	15	186.	6.8	13.6	12.8	13.7	14.1	6.4	6.4	-.09	.96
31	1	90	16	181.	6.8	13.8	13.0	14.8	15.0	6.2	6.2	-.06	.96
31	1	90	17	183.	7.5	15.0	13.8	14.5	14.7	6.3	6.3	-.06	.96
31	1	90	18	177.	8.4	17.0	16.0	14.5	14.9	6.5	6.4	-.06	.96
31	1	90	19	167.	8.3	16.6	15.6	15.1	15.9	6.5	6.5	-.06	.96
31	1	90	20	162.	8.3	16.2	15.2	14.7	15.1	6.2	6.2	-.09	.96
31	1	90	21	173.	9.0	19.2	18.6	14.6	15.0	6.3	6.3	-.06	.96
31	1	90	22	176.	9.6	17.8	16.2	14.8	15.6	6.2	6.2	-.09	.96
31	1	90	23	173.	8.5	16.4	15.8	14.9	16.0	6.2	6.1	-.09	.96
31	1	90	24	177.	9.6	19.0	16.8	15.4	16.5	6.3	6.2	-.06	.95
MANGLER(ANT)				0	7	7	7	0	0	0	0	0	0
MANGLER(%)				.0	.9	.9	.9	.0	.0	.0	.0	.0	.0

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
1	2	90	1	191.	9.2	18.8	17.6	14.3	15.2	6.3	6.3	-.06	.96
1	2	90	2	193.	9.5	17.0	16.0	13.4	13.8	6.4	6.3	-.06	.96
1	2	90	3	205.	7.9	15.0	14.2	12.8	13.3	6.2	6.2	-.03	.97
1	2	90	4	186.	5.4	12.8	12.4	11.4	12.3	5.9	5.8	-.06	.97
1	2	90	5	205.	5.6	11.8	11.2	13.1	14.9	5.6	5.6	.00	.93
1	2	90	6	162.	2.7	6.0	5.8	13.7	20.0	5.1	4.9	.03	.92
1	2	90	7	181.	4.1	7.2	6.8	12.3	14.0	5.2	5.0	.03	.94
1	2	90	8	173.	4.0	8.2	8.2	13.5	13.9	5.4	5.3	.00	.96
1	2	90	9	188.	6.0	12.4	12.0	13.9	14.9	5.8	5.8	-.06	.97
1	2	90	10	200.	6.6	13.2	12.4	13.3	13.8	6.0	5.9	-.06	.95
1	2	90	11	188.	4.5	9.0	8.4	13.0	13.8	5.7	5.7	-.06	.94
1	2	90	12	193.	4.7	10.6	10.4	14.8	15.7	6.4	6.4	-.09	.93
1	2	90	13	195.	6.3	13.4	12.4	13.8	14.4	6.3	6.4	-.09	.96
1	2	90	14	198.	6.4	13.0	11.6	12.7	12.9	6.5	6.5	-.09	.94
1	2	90	15	190.	6.0	11.2	10.8	12.7	13.3	6.4	6.5	-.09	.93
1	2	90	16	183.	5.1	9.8	9.0	14.5	15.0	6.3	6.3	-.09	.94
1	2	90	17	194.	6.0	11.4	11.0	13.4	13.5	6.2	6.1	-.09	.94
1	2	90	18	191.	6.7	13.2	11.2	12.3	12.5	6.2	6.1	-.06	.94
1	2	90	19	197.	6.4	12.8	12.4	11.2	11.6	6.1	6.0	-.06	.94
1	2	90	20	198.	6.0	11.6	11.0	12.9	13.2	6.1	6.0	-.06	.94
1	2	90	21	195.	5.7	12.8	11.8	12.8	13.0	6.0	6.0	-.09	.93
1	2	90	22	207.	6.2	13.2	11.6	12.2	12.6	5.7	5.7	-.09	.93
1	2	90	23	187.	5.2	10.8	10.2	13.0	14.1	5.2	5.2	-.03	.96
1	2	90	24	179.	4.7	10.8	9.8	13.2	13.8	5.1	5.1	-.06	.96
2	2	90	1	186.	4.4	9.4	8.8	13.2	13.9	4.7	4.7	-.06	.97
2	2	90	2	181.	5.3	12.0	11.0	14.2	15.4	5.2	5.2	-.03	.98
2	2	90	3	181.	6.6	12.4	12.2	13.8	14.2	5.7	5.7	-.06	.97
2	2	90	4	156.	6.0	13.6	13.0	14.3	16.3	5.8	5.8	-.06	.96
2	2	90	5	150.	6.4	13.4	12.4	13.3	13.8	5.7	5.7	-.06	.96
2	2	90	6	141.	6.2	13.0	11.0	13.0	13.4	5.4	5.5	-.06	.96
2	2	90	7	148.	6.9	13.8	13.2	12.7	13.1	5.5	5.6	-.06	.95
2	2	90	8	153.	6.7	13.6	13.0	13.4	13.6	5.5	5.6	-.09	.95
2	2	90	9	152.	7.3	14.0	13.2	12.7	12.9	5.3	5.3	-.09	.97
2	2	90	10	150.	7.7	14.8	13.6	13.4	13.6	5.0	5.1	-.09	.98
2	2	90	11	157.	7.8	14.4	13.6	14.2	14.5	4.8	4.9	-.09	.97
2	2	90	12	160.	7.1	14.2	13.0	14.9	15.7	4.6	4.6	-.09	.97
2	2	90	13	166.	7.0	15.4	14.6	15.3	15.7	4.5	4.6	-.09	.98
2	2	90	14	162.	7.0	15.2	14.4	15.4	16.1	4.5	4.5	-.09	.96
2	2	90	15	201.	7.9	17.2	16.0	14.2	19.2	4.8	4.8	-.06	.97
2	2	90	16	194.	5.4	10.6	10.2	11.8	12.4	5.1	5.1	-.06	.96
2	2	90	17	193.	4.1	7.8	7.4	12.5	12.7	5.1	4.9	.00	.96
2	2	90	18	188.	3.4	6.6	6.4	12.3	12.5	4.9	4.5	.03	.96
2	2	90	19	193.	4.6	10.2	9.2	11.7	12.2	4.6	4.2	.03	.93
2	2	90	20	200.	5.5	11.2	10.6	12.7	13.2	4.9	4.7	-.03	.93
2	2	90	21	198.	5.1	10.6	9.2	11.8	11.8	4.8	4.6	-.03	.91
2	2	90	22	193.	4.8	9.6	9.2	12.4	12.8	4.6	4.4	.00	.90
2	2	90	23	201.	5.3	9.6	9.0	11.5	11.7	4.5	4.2	.00	.89
2	2	90	24	198.	4.9	11.2	10.6	13.1	13.8	4.6	4.4	-.03	.89
3	2	90	1	191.	5.1	10.6	10.2	12.9	13.5	4.5	4.2	.00	.89
3	2	90	2	200.	5.7	11.4	11.0	14.1	14.9	4.7	4.6	-.03	.89
3	2	90	3	165.	5.2	12.4	12.0	13.3	18.3	3.2	3.1	-.12	.92
3	2	90	4	172.	2.8	6.4	5.8	13.8	16.9	2.3	2.4	-.06	.94
3	2	90	5	191.	2.3	6.8	6.6	13.5	19.4	2.8	2.8	.00	.96
3	2	90	6	179.	2.8	6.4	5.8	10.0	13.0	3.0	2.7	.06	.96
3	2	90	7	124.	1.6	4.2	4.0	24.6	32.6	2.7	2.4	.03	.96
3	2	90	8	212.	2.5	4.8	4.4	13.3	27.2	3.1	2.9	.06	.96
3	2	90	9	167.	1.8	4.4	4.2	16.8	25.1	3.4	3.2	.00	.96
3	2	90	10	197.	2.2	5.4	5.0	19.1	26.1	4.1	4.2	-.22	.95
3	2	90	11	197.	3.6	8.2	7.8	12.7	13.0	5.4	5.9	-.43	.92
3	2	90	12	201.	4.6	9.6	9.2	12.4	13.2	6.1	6.5	-.40	.91
3	2	90	13	201.	5.2	9.0	8.4	11.8	12.3	6.2	6.5	-.28	.88
3	2	90	14	195.	4.8	10.4	10.0	10.5	11.0	6.4	6.6	-.22	.88
3	2	90	15	190.	3.4	6.0	5.4	13.0	13.5	6.2	6.4	-.12	.90
3	2	90	16	186.	4.3	8.8	8.2	13.8	14.2	5.8	5.8	-.09	.93
3	2	90	17	191.	4.6	8.2	8.0	12.8	13.4	5.4	5.4	-.06	.94
3	2	90	18	191.	4.9	9.8	9.2	13.0	13.1	5.3	5.3	-.06	.95
3	2	90	19	187.	4.1	8.6	7.8	12.3	12.9	5.2	5.2	-.06	.96
3	2	90	20	202.	3.5	6.8	6.6	13.0	14.1	5.0	5.0	-.09	.94
3	2	90	21	181.	1.7	4.6	4.4	13.9	16.0	4.7	4.6	-.06	.94
3	2	90	22	187.	1.9	4.2	4.0	11.0	13.9	4.4	4.3	-.03	.98
3	2	90	23	254.	1.9	4.0	3.8	13.1	27.0	4.4	4.2	.00	.98
3	2	90	24	156.	1.0	3.4	3.2	13.0	34.4	4.1	4.0	.00	.98

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	2	90	1	219.	1.0	3.0	2.8	20.7	31.6	3.9	3.6	.06	.98
4	2	90	2	253.	1.3	3.6	3.4	24.8	27.4	3.7	3.5	.00	.97
4	2	90	3	238.	1.0	3.2	3.0	40.4	46.6	3.4	3.1	.00	.96
4	2	90	4	333.	1.6	3.8	3.6	26.7	43.3	2.9	2.7	.03	.96
4	2	90	5	311.	2.1	4.0	3.8	11.2	16.2	2.4	2.0	.00	.95
4	2	90	6	299.	1.8	3.0	2.8	6.3	10.8	2.5	1.9	.22	.95
4	2	90	7	212.	1.3	4.2	3.8	46.2	57.1	2.0	1.0	.59	.95
4	2	90	8	250.	2.4	5.2	4.8	13.4	19.1	2.1	1.4	.25	.90
4	2	90	9	235.	2.4	4.4	4.2	13.3	15.7	2.3	1.8	-.09	.87
4	2	90	10	226.	2.1	4.2	4.0	14.7	16.6	3.8	3.9	-.78	.78
4	2	90	11	207.	1.9	4.2	3.8	17.5	19.6	5.1	5.7	-1.12	.73
4	2	90	12	172.	2.8	5.4	5.2	9.8	14.6	5.1	5.6	-.62	.75
4	2	90	13	195.	2.4	5.4	5.2	13.5	20.2	4.1	4.2	-.09	.84
4	2	90	14	172.	2.8	5.6	5.4	14.9	25.2	4.3	4.4	-.06	.89
4	2	90	15	179.	3.4	8.0	7.6	14.5	22.5	4.5	4.6	-.03	.96
4	2	90	16	188.	4.3	10.2	9.8	15.8	20.3	5.4	5.4	-.03	.98
4	2	90	17	200.	6.5	12.4	11.4	13.6	14.1	5.7	5.8	-.09	.98
4	2	90	18	198.	6.5	13.6	12.4	13.3	13.6	5.9	5.9	-.09	.98
4	2	90	19	195.	7.4	12.6	12.2	12.5	12.7	6.1	6.1	-.09	.98
4	2	90	20	197.	5.9	11.4	10.8	14.3	14.7	6.2	6.2	-.09	.98
4	2	90	21	193.	5.3	10.6	10.0	14.9	15.1	6.2	6.2	-.09	.98
4	2	90	22	187.	4.0	8.2	7.8	18.1	18.4	6.3	6.3	-.06	.98
4	2	90	23	143.	3.1	8.2	8.0	25.3	27.8	6.4	6.4	-.06	.98
4	2	90	24	111.	2.5	5.2	5.0	20.7	24.9	6.2	6.1	.03	.98
5	2	90	1	134.	3.2	5.0	4.8	8.6	12.7	6.0	6.0	.00	.98
5	2	90	2	187.	2.8	6.4	6.0	15.0	20.7	6.1	5.8	.34	.98
5	2	90	3	194.	5.1	9.4	8.8	10.5	11.2	7.1	6.7	.12	.98
5	2	90	4	179.	5.8	9.0	8.6	9.0	10.9	7.0	6.7	.00	.98
5	2	90	5	180.	5.2	8.8	8.2	10.0	10.4	6.5	6.3	.03	.98
5	2	90	6	198.	6.0	11.4	10.8	10.0	11.2	6.7	6.5	.03	.98
5	2	90	7	207.	6.5	11.2	10.6	8.0	9.5	7.3	7.0	.09	.98
5	2	90	8	201.	5.7	9.0	8.4	9.2	10.1	7.9	7.6	.09	.98
5	2	90	9	215.	6.6	11.2	10.6	9.6	11.1	8.3	8.0	.00	.95
5	2	90	10	211.	6.2	10.8	10.0	11.8	12.7	8.8	8.8	-.09	.92
5	2	90	11	195.	5.3	9.4	8.8	11.5	12.4	9.1	9.1	-.19	.91
5	2	90	12	201.	4.6	9.0	8.4	13.3	16.2	8.7	8.8	-.19	.93
5	2	90	13	204.	6.5	12.2	11.4	10.3	10.6	8.9	9.2	-.31	.92
5	2	90	14	204.	5.0	10.0	9.6	13.6	14.4	8.7	9.1	-.25	.93
5	2	90	15	202.	5.4	10.2	10.0	12.0	13.2	8.1	8.2	-.25	.97
5	2	90	16	194.	6.5	11.0	10.6	10.7	11.2	7.5	7.5	-.12	.98
5	2	90	17	191.	6.1	10.6	10.4	12.0	12.4	7.4	7.3	-.06	.98
5	2	90	18	188.	5.4	9.2	8.4	12.6	12.7	7.5	7.5	-.06	.98
5	2	90	19	184.	5.2	9.6	8.8	11.9	12.2	7.2	7.3	-.09	.98
5	2	90	20	194.	5.5	9.8	9.0	12.3	12.9	7.4	7.5	-.06	.98
5	2	90	21	195.	4.9	9.4	9.0	12.0	12.8	7.7	7.7	-.06	.98
5	2	90	22	208.	4.1	9.2	7.8	12.3	15.6	8.4	8.3	.00	.98
5	2	90	23	183.	3.6	7.0	6.8	11.6	14.5	8.0	7.7	.00	.98
5	2	90	24	190.	4.2	7.8	7.6	12.3	13.7	6.7	6.5	-.03	.98
6	2	90	1	194.	4.5	9.6	9.2	12.5	13.4	6.5	6.5	-.09	.98
6	2	90	2	195.	5.5	9.4	9.2	10.7	10.8	6.5	6.6	-.09	.98
6	2	90	3	186.	4.9	8.8	8.6	10.8	11.7	6.4	6.4	-.09	.98
6	2	90	4	188.	4.4	10.0	9.6	12.7	13.3	6.1	6.1	-.09	.98
6	2	90	5	195.	6.2	10.4	9.8	9.9	10.0	5.9	5.9	-.06	.98
6	2	90	6	187.	5.1	9.8	9.2	9.9	10.9	5.9	5.7	-.03	.98
6	2	90	7	186.	4.9	8.6	8.2	11.2	11.6	5.8	5.7	-.03	.98
6	2	90	8	183.	4.4	8.8	8.6	12.3	12.7	5.9	5.8	-.06	.98
6	2	90	9	180.	4.4	8.0	7.8	11.6	11.9	5.9	5.7	-.06	.98
6	2	90	10	186.	4.3	7.8	7.6	12.1	13.0	6.1	6.2	-.12	.98
6	2	90	11	188.	5.2	9.6	8.8	12.3	12.8	6.4	6.6	-.12	.98
6	2	90	12	179.	4.3	8.6	8.0	14.1	14.8	6.8	7.1	-.19	.98
6	2	90	13	195.	3.5	8.0	7.4	14.9	16.2	7.3	7.9	-.31	.96
6	2	90	14	170.	4.7	8.2	7.8	12.9	13.4	7.3	7.8	-.25	.95
6	2	90	15	157.	3.8	7.6	7.6	12.7	15.3	6.5	6.7	-.16	.98
6	2	90	16	169.	3.3	6.2	5.8	13.7	14.6	6.2	6.3	-.12	.98
6	2	90	17	187.	4.5	9.4	8.8	13.4	14.5	5.7	5.8	-.12	.98
6	2	90	18	172.	3.6	6.8	6.2	15.1	16.7	5.6	5.7	-.12	.98
6	2	90	19	173.	3.9	7.4	7.0	13.8	14.1	5.3	5.4	-.09	.98
6	2	90	20	177.	3.1	6.0	5.8	13.5	15.4	5.4	5.5	-.09	.98
6	2	90	21	148.	2.3	4.8	4.4	13.4	16.2	5.3	5.4	-.09	.98
6	2	90	22	159.	3.2	7.6	7.2	13.5	15.7	5.0	5.1	-.06	.98
6	2	90	23	184.	3.6	7.2	6.6	14.3	15.8	5.3	5.3	-.09	.98
6	2	90	24	163.	2.8	5.8	5.4	15.3	18.2	5.3	5.4	-.09	.98

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	2	90	1	139.	2.8	5.8	5.4	13.8	19.3	5.1	5.1	-.09	.98
7	2	90	2	152.	3.8	8.2	7.6	11.1	12.7	4.9	5.0	-.06	.98
7	2	90	3	172.	5.1	10.6	10.2	15.2	17.0	5.2	5.2	-.06	.98
7	2	90	4	191.	5.6	12.0	10.8	13.4	14.7	5.3	5.3	-.06	.98
7	2	90	5	187.	5.8	11.8	11.4	14.1	15.3	5.8	5.9	-.06	.98
7	2	90	6	194.	8.4	18.0	17.4	13.0	13.3	6.2	6.3	-.06	.98
7	2	90	7	198.	9.0	15.8	15.2	11.8	12.0	6.6	6.6	-.06	.98
7	2	90	8	197.	7.6	16.4	13.6	12.1	12.2	6.8	6.8	-.06	.98
7	2	90	9	195.	7.9	15.8	14.6	12.3	12.4	6.7	6.7	-.06	.98
7	2	90	10	198.	8.1	16.6	15.4	12.8	13.0	6.6	6.6	-.09	.98
7	2	90	11	186.	9.3	18.0	16.8	14.2	14.6	6.3	6.4	-.09	.98
7	2	90	12	188.	10.5	20.8	20.0	14.3	14.6	6.1	6.1	-.12	.98
7	2	90	13	191.	9.5	21.8	20.6	14.9	15.2	6.0	6.0	-.12	.98
7	2	90	14	190.	11.1	23.4	22.6	15.2	15.3	6.2	6.2	-.09	.98
7	2	90	15	201.	11.1	22.2	21.6	13.4	13.9	6.3	6.4	-.06	.98
7	2	90	16	207.	11.3	21.8	20.6	12.6	12.9	6.6	6.6	-.06	.98
7	2	90	17	218.	7.7	16.8	16.2	12.3	13.2	6.9	6.8	-.03	.98
7	2	90	18	212.	5.9	10.6	10.0	12.6	12.9	7.0	6.9	.00	.98
7	2	90	19	215.	6.3	10.8	10.4	12.4	12.6	6.5	6.4	-.03	.91
7	2	90	20	221.	5.4	10.8	9.8	13.3	13.6	5.5	5.4	-.06	.89
7	2	90	21	194.	5.3	9.6	8.8	11.8	13.8	4.9	4.7	.00	.91
7	2	90	22	204.	5.6	9.4	8.8	9.8	11.8	4.5	4.3	.00	.93
7	2	90	23	174.	2.4	6.6	6.2	35.0	40.3	4.1	3.8	.00	.96
7	2	90	24	205.	3.4	7.0	6.6	13.0	15.8	4.1	3.9	.00	.98
8	2	90	1	212.	3.7	6.4	6.0	11.7	12.2	4.2	4.1	-.03	.95
8	2	90	2	152.	2.6	8.0	7.6	23.1	37.7	4.1	3.9	.00	.96
8	2	90	3	79.	1.4	3.8	3.6	68.9	82.7	4.0	3.5	.12	.98
8	2	90	4	107.	.7	2.0	1.8	39.6	45.2	3.9	3.4	.19	.98
8	2	90	5	287.	1.3	2.8	2.6	28.4	66.7	3.5	3.2	.16	.98
8	2	90	6	249.	1.6	3.0	2.8	12.5	24.1	3.0	3.0	.09	.98
8	2	90	7	326.	1.9	3.2	3.0	11.7	31.3	2.6	2.6	-.09	.98
8	2	90	8	344.	1.8	4.0	3.6	7.3	18.3	2.4	2.4	-.06	.98
8	2	90	9	339.	2.8	5.6	5.0	9.7	10.4	2.3	2.3	-.09	.98
8	2	90	10	318.	2.7	4.8	4.4	8.3	12.8	2.4	2.5	-.12	.98
8	2	90	11	318.	3.0	4.6	4.4	7.8	8.1	2.9	3.2	-.25	.96
8	2	90	12	321.	2.7	5.6	5.2	9.9	14.8	3.8	4.2	-.25	.91
8	2	90	13	318.	3.2	6.0	5.4	9.8	11.8	4.4	4.9	-.31	.87
8	2	90	14	326.	2.9	5.4	5.0	11.0	11.8	4.6	4.9	-.25	.84
8	2	90	15	290.	3.1	5.6	5.2	11.7	16.8	5.1	5.2	-.16	.79
8	2	90	16	302.	3.2	5.8	5.4	11.1	12.1	5.3	5.3	-.06	.74
8	2	90	17	292.	2.6	4.4	4.0	7.4	10.9	5.1	4.6	.12	.76
8	2	90	18	285.	1.5	3.0	3.0	15.1	17.8	4.4	3.8	.16	.83
8	2	90	19	273.	1.8	3.8	3.8	11.8	16.3	4.0	3.5	.12	.79
8	2	90	20	295.	2.3	4.8	4.6	18.0	19.2	3.8	3.5	.19	.75
8	2	90	21	281.	1.4	3.6	3.4	18.7	25.2	3.7	2.9	.28	.79
8	2	90	22	290.	3.2	8.2	7.8	16.6	20.4	4.2	3.8	.22	.73
8	2	90	23	301.	4.4	9.8	9.0	13.7	16.1	4.9	4.8	.12	.69
8	2	90	24	278.	4.8	9.8	9.2	15.6	16.0	5.4	5.2	.03	.64
9	2	90	1	273.	4.2	8.4	8.0	17.0	18.4	5.0	4.9	.03	.60
9	2	90	2	302.	3.6	8.2	7.8	13.5	17.2	4.5	4.3	.09	.59
9	2	90	3	284.	4.7	9.6	8.6	13.0	15.3	4.6	4.3	.06	.58
9	2	90	4	301.	4.0	8.4	7.8	9.9	10.8	4.5	4.2	.06	.59
9	2	90	5	285.	2.0	6.2	5.8	26.9	31.1	3.5	2.9	.12	.66
9	2	90	6	276.	2.4	8.0	7.6	29.6	30.7	3.8	3.3	.16	.69
9	2	90	7	267.	2.4	6.4	6.0	55.3	55.8	3.9	3.4	.22	.69
9	2	90	8	263.	1.1	3.6	3.4	65.6	106.0	3.3	2.5	.16	.72
9	2	90	9	243.	3.3	7.0	6.4	15.8	16.5	4.3	3.9	.06	.70
9	2	90	10	266.	3.8	8.8	8.4	18.3	19.5	5.7	5.9	-.53	.66
9	2	90	11	283.	5.4	11.6	10.4	15.4	16.4	6.9	7.2	-.56	.61
9	2	90	12	267.	6.8	14.0	13.0	15.4	16.9	7.0	7.3	-.47	.64
9	2	90	13	273.	5.7	13.2	12.0	17.0	17.4	7.4	7.7	-.62	.62
9	2	90	14	278.	6.6	14.8	14.4	16.8	17.4	7.7	8.0	-.53	.56
9	2	90	15	264.	5.1	10.8	10.2	16.0	16.6	7.4	7.6	-.43	.54
9	2	90	16	246.	4.0	8.8	8.2	18.0	19.7	7.4	7.5	-.43	.51
9	2	90	17	242.	5.1	12.6	12.2	14.3	16.8	6.0	5.9	-.06	.51
9	2	90	18	177.	3.9	13.8	12.4	16.1	28.2	5.1	4.9	.00	.55
9	2	90	19	193.	3.3	8.8	7.6	16.8	20.7	4.4	4.1	.03	.63
9	2	90	20	202.	4.7	9.4	9.0	12.3	13.2	4.2	3.9	.00	.76
9	2	90	21	198.	3.9	7.2	6.8	13.3	17.6	4.1	3.8	.03	.82
9	2	90	22	222.	5.6	10.2	9.6	13.8	16.0	4.5	4.3	.03	.84
9	2	90	23	218.	4.7	9.4	9.0	12.9	13.1	4.9	4.8	.03	.84
9	2	90	24	233.	4.8	11.6	11.2	12.4	13.6	5.5	5.3	.03	.82

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
10	2	90	1	228.	4.4	8.6	8.0	11.5	11.8	5.4	5.2	.06	.81
10	2	90	2	254.	3.5	8.2	7.8	16.0	17.8	5.2	5.0	.09	.81
10	2	90	3	246.	2.5	6.0	5.6	21.4	21.6	5.2	5.0	.12	.81
10	2	90	4	215.	1.5	4.6	4.4	30.8	32.9	4.7	4.2	.12	.84
10	2	90	5	228.	3.0	6.2	5.8	9.7	11.3	4.5	3.6	.50	.83
10	2	90	6	211.	3.5	7.0	6.2	11.2	14.2	4.5	4.1	.19	.77
10	2	90	7	202.	3.5	8.2	6.8	12.8	13.2	4.4	4.0	.12	.79
10	2	90	8	195.	3.4	7.0	6.6	14.1	14.7	4.2	3.9	.03	.81
10	2	90	9	210.	2.5	7.4	7.0	15.1	16.8	4.3	4.0	.06	.84
10	2	90	10	207.	3.5	6.6	6.2	11.6	12.2	4.9	4.8	.00	.84
10	2	90	11	207.	3.6	7.0	6.6	12.3	12.8	5.7	5.9	-.16	.83
10	2	90	12	194.	3.6	6.0	5.6	12.7	14.7	6.6	6.8	-.31	.83
10	2	90	13	127.	2.8	6.0	5.6	19.3	32.5	7.1	7.7	-.34	.84
10	2	90	14	222.	3.1	8.0	7.8	16.3	30.8	8.2	9.0	-.43	.80
10	2	90	15	205.	3.3	8.6	8.2	16.9	19.2	8.2	8.3	-.28	.71
10	2	90	16	183.	3.3	6.2	5.8	13.2	20.0	6.9	7.0	-.12	.83
10	2	90	17	179.	3.4	6.4	6.2	13.4	15.8	6.0	6.0	-.12	.94
10	2	90	18	181.	3.8	7.0	6.6	13.4	13.8	5.5	5.6	-.12	.98
10	2	90	19	184.	3.6	9.2	8.8	17.1	18.1	5.3	5.3	-.09	.98
10	2	90	20	188.	4.0	8.2	7.8	14.5	14.9	5.3	5.3	-.09	.97
10	2	90	21	176.	5.6	11.0	10.2	14.3	15.3	4.9	5.0	-.12	.97
10	2	90	22	170.	4.6	9.0	8.6	15.5	16.3	4.6	4.6	-.09	.95
10	2	90	23	160.	3.8	7.4	7.2	16.2	16.6	4.4	4.4	-.09	.92
10	2	90	24	149.	4.1	8.6	8.0	13.8	14.3	4.5	4.5	-.09	.88
11	2	90	1	145.	5.0	9.8	8.8	13.2	13.5	4.3	4.3	-.09	.89
11	2	90	2	142.	5.5	10.2	10.0	13.0	13.1	4.1	4.2	-.06	.91
11	2	90	3	142.	5.4	10.0	9.4	13.3	13.4	4.2	4.3	-.09	.91
11	2	90	4	146.	5.2	9.8	9.4	13.8	14.2	4.2	4.3	-.09	.89
11	2	90	5	142.	5.7	9.8	9.4	12.7	12.8	4.0	4.1	-.06	.88
11	2	90	6	152.	5.5	11.8	10.8	13.0	13.1	4.0	4.1	-.09	.88
11	2	90	7	145.	5.0	10.8	10.4	13.8	14.9	3.1	3.2	-.12	.94
11	2	90	8	149.	4.9	9.6	9.0	12.6	13.1	3.1	3.2	-.09	.95
11	2	90	9	153.	4.6	9.2	9.0	12.9	14.6	3.3	3.4	-.09	.94
11	2	90	10	150.	4.5	8.2	7.8	13.7	14.8	3.2	3.3	-.12	.95
11	2	90	11	187.	4.0	9.8	9.4	16.3	19.9	3.5	3.6	-.09	.96
11	2	90	12	278.	3.0	8.8	8.2	23.6	41.1	3.4	3.6	-.22	.95
11	2	90	13	219.	2.4	5.8	5.4	23.7	29.5	3.4	3.8	-.31	.91
11	2	90	14	200.	3.9	9.0	8.4	15.9	17.8	5.0	5.7	-.59	.84
11	2	90	15	205.	3.9	8.4	7.8	18.0	20.8	5.1	5.5	-.43	.79
11	2	90	16	194.	2.8	7.0	6.4	17.3	20.9	5.1	5.4	-.28	.80
11	2	90	17	184.	3.4	9.6	9.0	12.4	16.5	4.3	4.2	-.12	.80
11	2	90	18	217.	4.7	10.4	10.2	14.1	18.9	3.3	3.1	-.06	.83
11	2	90	19	207.	7.2	14.4	13.6	14.6	14.8	2.6	2.6	-.09	.83
11	2	90	20	208.	5.3	11.8	11.0	14.3	17.0	2.3	2.3	-.06	.81
11	2	90	21	201.	4.4	7.4	7.2	11.7	12.3	2.0	1.8	-.06	.81
11	2	90	22	202.	4.0	7.8	7.6	10.7	11.2	1.7	1.5	-.03	.85
11	2	90	23	173.	2.0	4.6	4.0	18.2	27.9	1.7	1.3	.12	.85
11	2	90	24	146.	1.9	4.6	4.2	16.3	28.4	2.0	1.5	.16	.85
12	2	90	1	174.	3.9	9.8	9.2	13.0	15.4	2.7	2.6	.03	.85
12	2	90	2	173.	4.8	9.6	9.0	14.0	14.4	3.1	3.1	-.06	.86
12	2	90	3	148.	6.0	13.2	12.4	14.3	18.4	2.1	2.2	-.12	.92
12	2	90	4	131.	6.4	12.0	11.2	11.9	14.5	1.3	1.4	-.06	.94
12	2	90	5	153.	5.8	11.6	10.8	13.3	14.3	2.8	2.8	-.03	.94
12	2	90	6	155.	6.0	11.0	10.8	12.7	12.8	3.3	3.3	-.06	.89
12	2	90	7	145.	6.1	11.4	10.8	13.3	14.0	3.5	3.5	-.03	.83
12	2	90	8	134.	7.6	13.6	12.4	12.7	12.9	3.6	3.6	-.06	.83
12	2	90	9	136.	7.3	13.0	12.2	13.1	13.3	3.6	3.6	-.06	.83
12	2	90	10	132.	8.4	16.4	15.4	13.1	13.3	3.5	3.6	-.09	.82
12	2	90	11	138.	8.1	15.4	14.0	13.1	14.0	3.3	3.4	-.09	.82
12	2	90	12	134.	8.4	15.4	14.6	13.3	13.6	3.4	3.5	-.09	.80
12	2	90	13	121.	8.2	15.6	14.6	12.6	13.6	3.3	3.4	-.12	.81
12	2	90	14	117.	8.5	14.6	14.2	12.1	12.7	3.2	3.3	-.12	.78
12	2	90	15	110.	9.0	16.4	15.4	11.7	12.3	3.0	3.1	-.09	.77
12	2	90	16	117.	7.5	13.6	12.8	11.7	12.3	1.3	1.4	-.12	.89
12	2	90	17	107.	5.3	9.4	9.2	11.6	12.0	.5	.5	-.06	.93
12	2	90	18	104.	5.4	9.6	9.0	11.8	12.0	.4	.4	-.06	.93
12	2	90	19	108.	5.7	11.2	10.2	12.6	12.7	.9	.9	-.03	.94
12	2	90	20	107.	6.3	12.8	10.6	11.8	11.9	1.5	1.5	-.03	.94
12	2	90	21	117.	6.6	11.2	10.8	11.8	12.1	1.9	1.9	.00	.98
12	2	90	22	114.	6.3	12.0	11.2	11.8	12.3	2.2	2.2	-.03	.92
12	2	90	23	117.	7.3	13.6	13.2	10.4	10.6	2.5	2.5	-.03	.92
12	2	90	24	107.	7.1	14.0	13.4	11.8	11.9	2.6	2.7	-.03	.91

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
13	2	90	1	108.	7.2	13.0	12.4	12.2	12.3	2.7	2.8	-.06	.92
13	2	90	2	104.	6.8	12.6	11.2	12.0	12.1	2.9	2.9	-.06	.93
13	2	90	3	89.	7.2	13.0	12.4	13.1	14.0	2.8	2.8	-.06	.91
13	2	90	4	89.	6.6	13.6	12.8	14.7	14.9	2.4	2.5	-.09	.92
13	2	90	5	93.	5.9	11.0	10.4	15.2	15.5	1.6	1.6	-.12	.94
13	2	90	6	93.	5.7	10.6	10.2	14.6	14.7	1.8	1.8	-.06	.94
13	2	90	7	93.	5.1	9.4	9.0	14.1	14.1	1.9	2.0	-.06	.94
13	2	90	8	62.	4.0	8.8	8.0	15.9	19.4	1.6	1.6	-.12	.95
13	2	90	9	27.	2.9	6.6	6.0	16.9	19.8	1.0	1.1	-.09	.95
13	2	90	10	15.	3.4	6.6	6.2	12.8	14.1	1.2	1.3	-.12	.95
13	2	90	11	11.	2.9	6.2	5.8	13.7	14.1	1.5	1.8	-.16	.93
13	2	90	12	339.	1.5	3.0	2.6	15.2	17.2	1.8	2.0	-.19	.93
13	2	90	13	243.	1.6	4.0	3.8	25.9	45.1	2.1	2.4	-.22	.94
13	2	90	14	233.	2.0	4.4	4.0	19.2	22.7	2.8	3.1	-.43	.93
13	2	90	15	247.	2.5	5.0	4.6	14.8	16.0	3.3	3.6	-.40	.88
13	2	90	16	204.	1.6	4.6	4.2	16.5	21.1	4.4	5.1	-.59	.85
13	2	90	17	202.	3.1	6.4	5.8	12.2	13.1	3.7	3.6	-.22	.84
13	2	90	18	188.	2.8	5.6	5.4	9.4	10.9	2.6	1.9	.16	.87
13	2	90	19	177.	2.9	4.8	4.6	9.7	13.5	2.5	1.8	.22	.85
13	2	90	20	184.	3.0	5.8	5.6	10.8	11.8	2.2	1.8	.06	.90
13	2	90	21	125.	2.5	5.0	4.8	13.8	31.5	2.1	1.7	.19	.95
13	2	90	22	194.	3.3	9.2	8.6	17.0	23.8	1.8	1.7	.00	.96
13	2	90	23	103.	2.1	3.8	3.8	17.2	24.6	1.0	.8	.16	.97
13	2	90	24	91.	2.2	4.2	3.8	7.2	9.8	1.3	1.1	.12	.98
14	2	90	1	67.	2.7	4.6	4.4	10.4	14.2	1.0	1.1	-.03	.98
14	2	90	2	104.	2.4	4.4	4.2	9.7	19.6	.5	.5	-.06	.98
14	2	90	3	70.	1.7	4.4	4.2	13.3	18.7	.1	.2	-.06	.98
14	2	90	4	14.	.0	1.4	1.2	52.3	94.7	.1	.2	-.03	.97
14	2	90	5	84.	.0	.2	.0	46.8	130.0	.1	.2	-.03	.97
14	2	90	6	35.	.6	2.6	2.4	10.5	24.2	.2	.2	.06	.95
14	2	90	7	63.	.7	1.6	1.6	18.4	30.0	.3	.3	.19	.93
14	2	90	8	110.	.9	3.4	3.2	29.2	42.1	.4	.3	.12	.93
14	2	90	9	108.	1.4	2.6	2.4	10.7	12.7	.3	.3	-.09	.93
14	2	90	10	93.	1.4	2.4	2.2	7.6	9.2	.4	.5	-.12	.93
14	2	90	11	90.	1.2	2.4	2.2	6.9	8.7	.6	.8	-.25	.94
14	2	90	12	121.	1.0	1.8	1.6	8.2	13.7	1.0	1.2	-.40	.94
14	2	90	13	160.	.6	1.4	1.2	14.5	20.2	1.3	1.7	-.37	.94
14	2	90	14	242.	.1	1.0	1.0	33.3	73.9	2.0	2.3	-.56	.91
14	2	90	15	309.	.2	1.4	1.2	37.6	48.9	2.0	2.5	-.40	.90
14	2	90	16	305.	1.2	1.8	1.6	7.7	10.9	1.2	1.4	-.22	.93
14	2	90	17	357.	.6	1.4	1.2	10.7	18.9	1.0	1.1	-.12	.94
14	2	90	18	240.	.3	1.2	1.0	36.2	76.0	.8	.7	-.03	.94
14	2	90	19	6.	.1	1.2	1.0	45.4	75.8	.7	.6	.03	.94
14	2	90	20	228.	.5	1.4	1.4	16.5	42.4	.7	.7	-.06	.94
14	2	90	21	142.	.2	1.4	1.2	23.7	41.4	.6	.6	-.06	.94
14	2	90	22	273.	.4	1.2	1.0	9.0	33.2	.4	.4	-.06	.94
14	2	90	23	222.	.5	1.2	1.0	11.2	25.3	.3	.2	-.03	.94
14	2	90	24	357.	.0	.6	.4	17.9	41.9	.1	.0	.00	.94
15	2	90	1	291.	.0	.2	.0	14.7	36.4	-.1	-.4	.00	.93
15	2	90	2	305.	.0	.0	.0	10.4	13.9	-.3	-.3	-.06	.93
15	2	90	3	13.	.0	.0	.0	27.3	44.7	-.4	-.2	-.09	.93
15	2	90	4	309.	.0	.0	.0	9.8	18.5	-.3	-.1	-.09	.93
15	2	90	5	343.	.0	.0	.0	17.7	27.3	-.2	.0	-.09	.94
15	2	90	6	27.	.0	.0	.0	14.4	24.6	-.2	-.1	-.09	.94
15	2	90	7	353.	.0	.0	.0	8.6	14.0	-.3	-.3	-.09	.94
15	2	90	8	7.	.0	.0	.0	8.1	9.0	-.6	-.6	-.12	.94
15	2	90	9	346.	.0	.0	.0	8.7	17.6	-.5	-.5	-.06	.92
15	2	90	10	346.	.0	.0	.0	9.1	9.8	-.2	.1	-.12	.88
15	2	90	11	339.	1.4	3.0	3.0	9.4	12.2	.4	1.0	-.19	.85
15	2	90	12	305.	1.7	3.4	3.4	9.5	17.4	.6	1.0	-.28	.84
15	2	90	13	297.	2.0	4.0	3.8	10.7	10.9	1.2	1.8	-.71	.82
15	2	90	14	305.	2.1	3.4	3.2	10.9	12.5	1.0	1.4	-.43	.84
15	2	90	15	269.	1.3	2.8	2.6	17.8	25.1	1.7	2.1	-.59	.81
15	2	90	16	247.	1.4	3.2	3.2	23.8	26.2	2.4	2.8	-.93	.78
15	2	90	17	208.	1.5	2.8	2.6	18.2	29.6	1.3	1.4	-.59	.84
15	2	90	18	249.	1.5	2.8	2.6	10.8	16.2	-.1	-.3	-.06	.93
15	2	90	19	262.	1.6	3.0	2.8	9.7	13.9	-.6	-.7	.00	.94
15	2	90	20	312.	1.5	3.2	3.0	11.4	26.8	-.9	-1.1	.03	.96
15	2	90	21	297.	2.4	3.2	3.0	3.7	12.0	-1.1	-1.3	.00	.94
15	2	90	22	290.	1.7	3.2	3.0	6.3	10.9	-1.5	-1.7	-.03	.94
15	2	90	23	304.	3.3	4.8	4.6	6.3	7.0	-1.7	-1.8	.00	.94
15	2	90	24	323.	3.5	5.6	5.4	6.9	9.3	-1.7	-1.9	.06	.91

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
16	2	90	1	312.	3.0	4.6	4.4	8.1	11.5	-2.0	-2.1	.00	.88
16	2	90	2	301.	3.5	4.8	4.6	5.4	6.6	-2.2	-2.4	.12	.85
16	2	90	3	319.	3.8	4.8	4.6	2.8	6.1	-2.4	-2.5	.09	.79
16	2	90	4	305.	3.2	4.8	4.6	4.4	8.0	-2.6	-2.7	.03	.81
16	2	90	5	309.	3.0	4.4	4.0	4.0	6.0	-2.8	-2.7	-.03	.80
16	2	90	6	301.	2.6	3.8	3.6	4.4	6.0	-2.8	-2.8	.00	.81
16	2	90	7	305.	2.1	3.4	3.2	8.4	14.1	-3.0	-3.2	.00	.82
16	2	90	8	318.	2.8	3.8	3.6	3.4	7.8	-3.2	-3.4	.06	.83
16	2	90	9	330.	2.6	3.6	3.4	3.7	11.0	-3.2	-3.3	.00	.84
16	2	90	10	325.	2.8	4.0	3.8	6.1	10.2	-2.5	-2.3	-.34	.83
16	2	90	11	316.	2.1	4.4	4.2	9.5	12.9	-.3	.7	-.68	.77
16	2	90	12	312.	2.3	4.2	4.2	10.4	12.7	1.2	2.0	-.50	.73
16	2	90	13	326.	2.3	5.0	4.6	12.6	14.3	2.1	2.6	-.31	.71
16	2	90	14	318.	3.2	5.8	5.6	8.6	10.4	2.6	3.0	-.47	.66
16	2	90	15	318.	2.0	4.6	4.2	11.4	14.1	2.7	3.1	-.28	.67
16	2	90	16	307.	1.4	2.6	2.6	12.3	18.6	2.6	2.3	-.09	.71
16	2	90	17	321.	1.1	3.0	2.8	26.2	30.2	2.7	1.9	.00	.71
16	2	90	18	243.	1.3	2.4	2.2	11.2	23.2	1.7	.9	.37	.79
16	2	90	19	329.	.5	1.4	1.2	44.4	90.4	.9	-.2	.53	.87
16	2	90	20	145.	1.1	3.0	2.8	25.6	63.3	.6	-.4	.47	.86
16	2	90	21	188.	1.5	2.8	2.6	13.6	27.7	-.6	-1.3	.62	.89
16	2	90	22	163.	.9	2.8	2.6	31.2	42.2	-.9	-1.9	.50	.88
16	2	90	23	86.	.4	1.6	1.4	54.5	90.8	-1.4	-2.2	.43	.88
16	2	90	24	332.	.8	1.8	1.6	32.0	46.4	-1.6	-2.5	.40	.88
17	2	90	1	266.	.4	1.8	1.6	63.3	95.2	-2.2	-3.2	.43	.87
17	2	90	2	314.	1.4	3.0	2.8	10.7	29.1	-2.4	-3.1	.56	.87
17	2	90	3	328.	2.2	3.8	3.6	10.6	14.7	-2.7	-3.3	.43	.86
17	2	90	4	336.	2.1	3.4	3.2	8.4	14.8	-2.8	-3.0	.03	.86
17	2	90	5	332.	2.1	3.8	3.6	8.7	12.9	-3.5	-3.7	.03	.85
17	2	90	6	319.	2.0	3.6	3.4	13.1	19.6	-3.7	-3.6	-.06	.85
17	2	90	7	49.	1.0	2.2	2.0	34.2	55.6	-3.6	-3.4	-.09	.86
17	2	90	8	1.	.5	2.2	2.0	40.4	46.8	-4.1	-3.9	-.16	.85
17	2	90	9	122.	.3	1.2	1.0	40.9	44.7	-4.0	-3.8	-.16	.85
17	2	90	10	107.	.8	2.2	2.0	20.3	22.6	-4.1	-3.9	-.06	.85
17	2	90	11	75.	.5	1.6	1.4	28.2	33.7	-3.6	-3.3	-.19	.86
17	2	90	12	89.	1.0	2.2	2.2	21.0	23.4	-2.9	-2.5	-.28	.87
17	2	90	13	96.	.7	1.8	1.6	26.2	35.3	-2.2	-1.8	-.25	.89
17	2	90	14	101.	2.0	3.6	3.4	12.7	15.4	-1.7	-1.4	-.25	.89
17	2	90	15	94.	2.1	3.6	3.2	11.8	13.2	-1.3	-1.2	-.19	.90
17	2	90	16	103.	2.4	4.8	4.6	10.9	11.8	-1.3	-1.2	-.16	.90
17	2	90	17	89.	3.5	6.0	5.8	9.3	10.5	-1.1	-1.0	-.12	.90
17	2	90	18	121.	3.8	5.8	5.4	8.0	11.2	-.7	-.6	-.03	.90
17	2	90	19	166.	5.5	12.8	12.4	13.1	19.6	2.0	1.9	.12	.92
17	2	90	20	157.	6.2	12.8	12.2	15.5	16.4	2.5	2.5	-.06	.91
17	2	90	21	163.	7.2	15.0	13.8	15.1	15.6	2.1	2.1	-.06	.92
17	2	90	22	160.	7.4	15.8	14.2	14.7	14.9	2.1	2.1	-.06	.92
17	2	90	23	166.	7.3	14.4	14.0	15.0	15.3	2.9	2.9	-.03	.94
17	2	90	24	174.	7.0	14.6	13.8	14.0	14.8	3.8	3.7	-.03	.95
18	2	90	1	193.	5.8	11.8	11.2	13.9	14.8	4.9	4.8	.00	.97
18	2	90	2	191.	4.9	9.6	8.8	12.7	12.8	5.5	5.2	.03	.97
18	2	90	3	208.	4.8	8.4	8.0	10.7	11.9	5.4	5.0	.09	.97
18	2	90	4	219.	4.2	7.8	7.4	13.0	13.8	4.8	4.4	.06	.95
18	2	90	5	226.	4.2	8.8	8.2	14.3	14.8	4.4	4.1	.03	.90
18	2	90	6	225.	4.3	8.4	8.0	12.7	12.8	4.1	3.7	.06	.86
18	2	90	7	226.	4.5	9.2	8.6	12.3	12.6	3.6	3.4	.03	.85
18	2	90	8	212.	4.5	8.4	7.8	11.1	12.8	3.4	3.1	.03	.83
18	2	90	9	211.	3.3	6.4	6.0	12.7	13.6	3.8	4.0	-.40	.82
18	2	90	10	218.	3.6	10.2	9.2	16.9	17.2	4.7	5.1	-.59	.83
18	2	90	11	215.	3.8	7.2	6.6	12.3	13.0	4.9	5.2	-.43	.83
18	2	90	12	195.	4.4	8.0	7.0	11.0	12.4	5.0	5.2	-.34	.83
18	2	90	13	198.	5.2	8.6	8.4	10.0	10.3	5.2	5.3	-.22	.85
18	2	90	14	183.	3.1	5.6	5.4	12.1	14.8	5.3	5.4	-.16	.86
18	2	90	15	184.	3.9	7.2	7.0	13.9	14.3	5.7	6.1	-.22	.85
18	2	90	16	191.	4.7	8.8	8.4	12.3	12.8	5.5	5.7	-.19	.87
18	2	90	17	187.	4.8	10.4	9.8	13.6	13.8	4.7	4.6	-.09	.92
18	2	90	18	191.	5.3	9.6	9.2	13.0	13.2	4.5	4.4	-.03	.93
18	2	90	19	193.	5.8	11.2	10.6	11.9	12.1	4.7	4.6	-.06	.93
18	2	90	20	187.	5.8	12.0	11.4	12.9	14.2	4.6	4.6	-.03	.92
18	2	90	21	187.	6.1	11.0	10.4	12.9	13.3	4.8	4.8	-.06	.95
18	2	90	22	208.	5.4	10.4	10.0	11.6	12.2	5.2	5.1	-.06	.95
18	2	90	23	202.	4.8	8.6	8.0	12.7	13.0	5.1	5.0	.00	.92
18	2	90	24	201.	4.3	9.2	8.6	11.7	12.3	4.7	4.4	.00	.92

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	2	90	1	215.	3.5	6.4	6.0	11.4	11.9	4.3	3.9	.03	.92
19	2	90	2	205.	3.1	5.8	5.4	11.1	12.0	3.8	3.4	.06	.88
19	2	90	3	200.	1.6	4.6	4.0	53.5	65.5	3.3	2.6	.16	.89
19	2	90	4	184.	3.1	7.4	6.8	29.1	31.1	3.0	2.5	.28	.86
19	2	90	5	198.	1.7	4.4	4.2	27.7	42.5	3.6	3.0	.16	.82
19	2	90	6	162.	1.8	5.0	4.8	58.3	71.7	3.4	2.9	.19	.82
19	2	90	7	198.	3.1	6.6	6.0	11.5	27.3	3.0	2.7	.16	.85
19	2	90	8	184.	4.4	7.4	7.0	9.0	10.5	3.5	3.3	.00	.87
19	2	90	9	174.	2.9	6.0	5.6	10.8	13.1	3.9	3.9	-.06	.93
19	2	90	10	194.	2.7	6.0	5.4	13.6	15.8	4.3	4.4	-.12	.96
19	2	90	11	170.	4.1	8.2	8.0	13.4	16.9	5.0	5.1	-.09	.97
19	2	90	12	197.	5.7	12.0	11.0	13.9	16.0	4.8	5.0	-.06	.98
19	2	90	13	194.	7.4	14.4	13.6	13.4	14.3	4.8	4.8	-.09	.98
19	2	90	14	187.	7.8	15.0	14.2	15.1	15.8	5.1	5.1	-.06	.95
19	2	90	15	179.	8.2	15.4	15.0	13.8	14.1	4.7	4.8	-.09	.94
19	2	90	16	183.	8.3	16.0	14.6	14.0	14.2	4.5	4.5	-.06	.96
19	2	90	17	186.	8.4	15.6	14.6	13.8	14.1	4.6	4.7	-.06	.96
19	2	90	18	190.	7.4	15.0	14.2	14.7	14.8	5.1	5.1	-.06	.97
19	2	90	19	193.	8.4	16.2	15.8	14.3	14.4	5.7	5.7	-.06	.98
19	2	90	20	201.	9.1	16.6	15.4	13.1	13.3	6.2	6.2	-.06	.98
19	2	90	21	190.	7.2	14.4	13.8	13.0	13.3	6.5	6.5	-.06	.98
19	2	90	22	195.	6.1	11.6	11.2	13.4	13.6	6.7	6.7	-.06	.98
19	2	90	23	190.	5.1	9.8	9.6	12.8	13.2	6.7	6.7	-.06	.98
19	2	90	24	208.	5.5	10.6	10.2	11.9	13.5	6.9	6.8	-.06	.98
20	2	90	1	211.	5.6	10.4	10.0	11.2	11.3	7.3	7.2	-.03	.98
20	2	90	2	208.	5.2	10.2	9.8	12.6	12.9	7.3	7.2	-.03	.97
20	2	90	3	200.	4.2	7.8	7.4	11.8	12.3	7.3	7.1	.00	.97
20	2	90	4	179.	3.6	7.6	7.0	10.8	13.0	6.9	6.6	.06	.98
20	2	90	5	195.	4.5	7.8	7.4	9.6	11.6	6.6	6.0	.19	.98
20	2	90	6	207.	5.6	9.2	8.8	8.9	9.1	6.9	6.6	.06	.92
20	2	90	7	211.	5.4	9.6	8.4	9.9	10.2	6.7	6.5	.06	.89
20	2	90	8	179.	4.6	7.8	7.4	9.8	14.1	6.4	6.1	.06	.92
20	2	90	9	155.	3.3	6.6	6.2	16.3	17.4	6.1	6.0	.03	.96
20	2	90	10	152.	3.1	7.2	6.8	18.9	20.1	6.7	6.8	.00	.98
20	2	90	11	186.	5.4	11.0	10.6	14.4	17.7	7.2	7.3	-.12	.98
20	2	90	12	222.	7.6	14.8	14.0	11.4	13.8	9.4	9.6	-.12	.96
20	2	90	13	235.	9.5	18.4	17.4	12.6	13.2	11.5	11.6	-.12	.90
20	2	90	14	235.	9.1	18.0	17.2	14.3	14.3	11.8	11.8	-.16	.88
20	2	90	15	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
20	2	90	16	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
20	2	90	17	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
20	2	90	18	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
20	2	90	19	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
20	2	90	20	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
20	2	90	21	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
20	2	90	22	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
20	2	90	23	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
20	2	90	24	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	1	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	2	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	3	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	4	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	5	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	6	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	7	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	8	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	9	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	10	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	11	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	12	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	13	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	14	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	15	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	16	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	17	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	18	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	19	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	20	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	21	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	22	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	23	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
21	2	90	24	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	2	90	1	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	2	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	3	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	4	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	5	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	6	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	7	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	8	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	9	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	10	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	11	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	12	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	13	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	14	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	15	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	16	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	17	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	18	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	19	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	20	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	21	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	22	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	23	-9900.	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	-9900.0	**********	
22	2	90	24	211.	5.2	10.4	9.6	11.8	13.2	8.5	8.1	.06	.67
23	2	90	1	204.	6.2	11.0	10.8	11.2	11.5	7.5	7.2	.03	.72
23	2	90	2	212.	5.8	10.4	10.0	11.1	11.3	6.5	6.2	.06	.79
23	2	90	3	218.	5.3	9.2	8.6	11.8	12.2	6.4	6.1	.09	.80
23	2	90	4	205.	6.3	11.6	10.6	10.0	10.7	6.5	6.2	.03	.80
23	2	90	5	190.	5.7	9.6	9.0	10.2	11.2	5.8	5.6	.03	.88
23	2	90	6	186.	3.4	6.6	6.4	12.2	13.3	5.4	5.0	.09	.94
23	2	90	7	195.	4.8	8.8	8.2	11.6	12.8	5.6	5.2	.12	.94
23	2	90	8	195.	4.6	8.0	7.4	11.4	11.6	5.8	5.6	.06	.95
23	2	90	9	194.	5.1	8.0	7.8	9.2	9.7	6.2	6.3	-.22	.97
23	2	90	10	186.	4.8	8.4	7.8	11.2	11.6	7.4	8.0	-.43	.96
23	2	90	11	201.	5.1	9.4	8.2	12.6	13.8	8.8	9.6	-.56	.92
23	2	90	12	194.	5.8	9.6	9.0	11.7	12.2	10.1	11.0	-.62	.88
23	2	90	13	217.	5.6	11.8	10.8	12.2	14.3	10.4	10.9	-.43	.87
23	2	90	14	224.	5.4	12.6	11.6	16.7	17.7	11.3	11.6	-.43	.83
23	2	90	15	224.	5.3	11.2	10.8	17.5	18.2	10.8	10.9	-.22	.84
23	2	90	16	138.	3.0	9.2	8.6	37.8	52.8	9.1	9.3	-.16	.94
23	2	90	17	121.	2.5	4.6	4.2	20.4	21.8	7.8	7.9	.00	.98
23	2	90	18	215.	3.1	8.6	8.0	20.2	44.4	6.9	6.5	.28	.98
23	2	90	19	195.	3.4	7.6	7.2	33.4	36.3	7.8	7.4	.16	.98
23	2	90	20	221.	3.2	6.8	6.6	18.1	20.7	7.9	7.4	.16	.98
23	2	90	21	217.	4.5	9.0	8.2	10.2	10.6	7.9	7.4	.12	.98
23	2	90	22	235.	4.4	9.4	8.8	13.8	14.7	8.4	8.0	.12	.96
23	2	90	23	225.	2.8	7.2	6.4	19.1	22.1	8.1	7.5	.22	.96
23	2	90	24	224.	2.4	8.2	7.4	38.2	43.9	7.2	6.6	.28	.98
24	2	90	1	201.	4.6	9.2	8.8	12.6	15.8	7.3	7.0	.03	.94
24	2	90	2	205.	5.5	10.4	9.4	9.7	10.5	6.4	6.1	.00	.98
24	2	90	3	198.	4.5	7.6	7.4	8.8	9.3	6.3	6.0	.09	.98
24	2	90	4	179.	3.2	6.2	5.8	13.2	15.3	6.2	6.2	-.03	.98
24	2	90	5	166.	3.9	7.4	6.8	14.1	15.3	6.0	6.0	-.06	.98
24	2	90	6	145.	3.1	7.6	7.2	15.2	19.7	6.0	6.1	-.06	.98
24	2	90	7	146.	3.8	6.4	6.0	11.7	13.0	5.8	5.9	-.03	.98
24	2	90	8	148.	3.5	7.0	6.4	15.0	16.2	6.0	6.0	-.03	.98
24	2	90	9	143.	2.4	5.4	5.0	16.3	20.1	6.5	6.5	.03	.98
24	2	90	10	110.	2.9	4.8	4.6	9.7	18.0	6.4	6.5	.00	.98
24	2	90	11	114.	2.5	5.2	5.0	12.3	19.6	6.7	6.8	.00	.98
24	2	90	12	188.	2.2	4.2	4.0	11.4	23.4	7.0	7.1	.03	.98
24	2	90	13	333.	2.6	6.0	5.6	38.9	63.6	7.5	7.5	.12	.98
24	2	90	14	319.	2.1	4.8	4.4	14.4	16.6	7.5	8.0	-.19	.95
24	2	90	15	165.	.7	2.2	2.0	36.5	78.3	7.8	8.2	-.25	.92
24	2	90	16	135.	.9	2.4	2.2	42.9	74.1	7.8	8.0	-.19	.96
24	2	90	17	69.	.9	2.0	1.8	39.8	63.7	7.4	7.4	-.16	.98
24	2	90	18	94.	.6	1.2	1.0	17.1	21.8	7.2	6.9	-.12	.98
24	2	90	19	142.	1.3	2.6	2.4	11.7	25.2	7.0	6.7	-.12	.98
24	2	90	20	111.	2.4	4.0	3.8	9.5	14.5	6.2	6.2	-.12	.98
24	2	90	21	125.	2.3	4.2	4.0	10.9	13.9	5.8	5.8	-.12	.98
24	2	90	22	174.	3.2	7.2	7.0	13.7	28.0	5.8	5.7	-.09	.98
24	2	90	23	165.	3.9	9.0	8.4	16.5	17.0	6.1	6.1	-.09	.98
24	2	90	24	195.	5.4	12.0	11.6	15.1	18.0	6.2	6.3	-.06	.98

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	2	90	1	200.	8.1	17.0	14.6	13.0	13.3	6.7	6.5	-.09	.98
25	2	90	2	239.	6.8	14.6	13.0	15.4	24.1	7.0	6.7	.00	.98
25	2	90	3	208.	5.1	9.6	9.0	13.2	15.2	6.6	6.4	-.03	.90
25	2	90	4	184.	4.1	9.8	9.4	12.8	14.9	5.8	5.6	-.06	.96
25	2	90	5	191.	3.1	5.8	5.4	11.4	11.8	5.9	5.8	-.06	.98
25	2	90	6	142.	1.9	3.2	3.0	10.2	20.1	5.7	5.6	-.03	.98
25	2	90	7	218.	1.4	2.8	2.6	17.4	31.0	5.6	5.2	.00	.98
25	2	90	8	269.	1.3	3.0	3.0	16.5	18.2	5.1	4.5	.16	.98
25	2	90	9	352.	.8	3.0	2.8	46.3	57.6	5.5	5.6	-.43	.98
25	2	90	10	311.	2.7	5.4	5.0	17.1	21.9	6.2	6.7	-.68	.94
25	2	90	11	294.	4.8	14.4	14.0	13.4	15.0	7.5	8.1	-.68	.82
25	2	90	12	294.	7.1	17.2	15.8	15.8	16.5	8.9	9.2	-.50	.60
25	2	90	13	299.	6.5	15.2	13.2	15.1	16.6	9.3	9.7	-.47	.52
25	2	90	14	288.	4.4	10.2	9.8	14.3	15.4	9.8	10.4	-.62	.47
25	2	90	15	239.	3.4	8.0	7.2	21.7	30.5	9.6	9.8	-.34	.44
25	2	90	16	246.	4.8	11.4	10.2	15.5	16.3	8.8	8.8	-.19	.51
25	2	90	17	229.	2.8	6.6	6.2	17.4	19.3	7.8	7.8	-.09	.60
25	2	90	18	207.	3.0	5.8	5.6	13.3	17.7	7.2	6.7	-.03	.68
25	2	90	19	204.	4.7	8.8	8.4	12.4	13.2	6.3	6.1	-.09	.82
25	2	90	20	188.	4.1	7.4	6.8	13.8	14.3	5.5	5.2	-.09	.85
25	2	90	21	186.	4.5	9.8	8.6	12.4	13.3	4.9	4.8	-.12	.92
25	2	90	22	160.	5.1	10.8	10.0	13.9	16.6	4.8	4.8	-.12	.92
25	2	90	23	174.	6.0	13.8	12.8	14.8	15.2	4.7	4.8	-.12	.95
25	2	90	24	163.	7.6	16.4	15.8	15.5	16.3	4.8	4.8	-.12	.96
26	2	90	1	160.	7.8	16.2	15.6	15.2	15.8	4.7	4.6	-.12	.96
26	2	90	2	181.	8.3	17.0	15.8	14.3	16.8	4.7	4.5	-.12	.95
26	2	90	3	176.	6.2	12.6	11.6	14.4	15.0	4.5	4.4	-.12	.95
26	2	90	4	195.	5.3	11.4	10.2	14.0	14.6	4.9	5.0	-.09	.97
26	2	90	5	195.	4.8	9.8	9.0	10.9	11.2	5.1	4.9	-.06	.96
26	2	90	6	195.	4.3	7.6	7.4	10.2	10.6	5.1	4.6	-.06	.95
26	2	90	7	194.	3.5	6.6	6.2	12.7	12.8	4.2	3.9	-.06	.94
26	2	90	8	195.	3.4	7.2	6.8	15.8	17.3	3.7	3.7	-.06	.93
26	2	90	9	172.	3.8	7.2	6.8	13.1	14.6	3.9	4.0	-.09	.91
26	2	90	10	146.	4.4	8.6	8.0	14.5	21.8	3.8	4.0	-.16	.91
26	2	90	11	152.	6.4	14.6	13.8	13.3	13.6	3.9	4.1	-.12	.95
26	2	90	12	135.	8.0	14.2	13.6	14.0	14.8	3.3	3.4	-.12	.94
26	2	90	13	131.	7.8	15.6	14.2	13.6	14.1	3.2	3.4	-.12	.94
26	2	90	14	86.	7.5	15.0	14.4	12.8	20.2	3.0	3.1	-.16	.94
26	2	90	15	66.	6.8	12.8	12.4	14.7	15.7	1.8	2.0	-.19	.93
26	2	90	16	46.	5.9	13.0	12.4	15.8	17.0	1.4	1.5	-.12	.92
26	2	90	17	31.	6.4	11.6	10.6	12.4	12.9	1.5	1.7	-.09	.92
26	2	90	18	332.	3.9	9.4	8.8	18.3	29.6	1.5	1.6	-.12	.92
26	2	90	19	309.	4.3	8.2	7.6	10.2	13.4	1.3	1.4	-.12	.92
26	2	90	20	307.	4.8	8.0	7.8	9.3	9.6	1.2	1.3	-.12	.93
26	2	90	21	305.	4.6	8.6	8.2	12.0	12.3	1.4	1.5	-.12	.93
26	2	90	22	297.	4.6	8.6	8.0	12.9	13.5	1.7	1.8	-.09	.93
26	2	90	23	292.	3.2	6.0	5.4	13.8	14.9	2.0	2.0	-.03	.92
26	2	90	24	287.	5.7	14.8	14.2	14.3	15.7	3.3	3.3	.09	.81
27	2	90	1	284.	6.0	14.2	13.2	14.9	15.4	3.9	3.8	-.03	.72
27	2	90	2	290.	4.9	9.8	9.2	15.5	15.8	3.7	3.7	-.03	.68
27	2	90	3	271.	4.1	7.6	7.0	14.4	15.8	3.5	3.5	-.03	.66
27	2	90	4	273.	4.5	8.6	7.8	14.2	14.3	3.3	3.3	.00	.65
27	2	90	5	277.	5.3	8.6	8.0	11.7	11.9	3.3	3.3	.00	.64
27	2	90	6	270.	5.9	10.6	9.8	12.9	13.5	3.2	3.2	.00	.63
27	2	90	7	273.	7.6	12.2	11.4	12.3	12.5	3.3	3.3	-.03	.59
27	2	90	8	273.	6.6	13.2	11.4	13.6	13.8	3.1	3.1	-.06	.60
27	2	90	9	274.	6.6	11.0	10.4	14.1	14.1	3.4	3.4	-.09	.58
27	2	90	10	287.	6.0	11.2	10.4	14.5	14.7	3.9	4.0	-.19	.56
27	2	90	11	281.	5.9	13.4	12.0	17.5	17.8	4.9	5.1	-.31	.53
27	2	90	12	281.	4.9	10.4	9.6	16.9	17.6	5.5	5.9	-.53	.52
27	2	90	13	294.	5.8	11.0	10.4	14.9	16.0	5.6	6.0	-.47	.50
27	2	90	14	277.	4.5	9.8	9.2	17.3	18.5	6.4	7.1	-.68	.47
27	2	90	15	273.	5.5	10.6	9.8	16.0	16.2	6.4	6.7	-.59	.45
27	2	90	16	267.	4.0	9.8	9.2	14.5	16.2	6.2	6.5	-.50	.45
27	2	90	17	233.	2.3	5.4	5.0	15.5	18.4	6.0	6.2	-.43	.48
27	2	90	18	229.	2.3	5.4	5.2	13.1	13.4	4.7	4.3	-.03	.56
27	2	90	19	252.	2.1	4.2	4.0	20.1	25.1	3.6	3.0	.06	.63
27	2	90	20	328.	1.3	3.6	3.4	25.7	38.7	3.0	2.3	.16	.69
27	2	90	21	304.	1.0	2.4	2.2	13.9	16.3	2.3	1.1	.37	.75
27	2	90	22	340.	1.9	3.4	3.0	10.6	26.3	1.5	.8	.56	.82
27	2	90	23	339.	2.3	4.2	4.0	7.2	18.4	.7	.2	.31	.82
27	2	90	24	339.	2.9	5.0	4.8	5.4	8.6	.1	-.2	.22	.84

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	2	90	1	329.	2.9	4.4	4.0	6.6	11.6	.0	.0	-.03	.86
28	2	90	2	332.	3.7	5.2	4.8	5.4	6.4	-.1	-.3	.03	.87
28	2	90	3	318.	3.4	4.4	4.2	5.1	6.1	-.2	-.5	.06	.85
28	2	90	4	312.	3.5	5.2	5.0	6.1	6.4	.0	-.2	.06	.80
28	2	90	5	312.	3.7	5.6	5.4	6.7	7.4	.4	.3	.03	.76
28	2	90	6	321.	3.9	7.2	6.4	7.2	8.3	.8	.7	.00	.72
28	2	90	7	309.	4.0	6.6	6.0	6.4	8.6	.9	.6	.06	.69
28	2	90	8	318.	3.7	5.4	5.0	5.6	6.7	.8	.6	-.03	.70
28	2	90	9	309.	3.9	6.4	5.8	6.3	6.6	1.3	1.7	-.34	.67
28	2	90	10	305.	4.5	6.4	6.2	6.4	6.6	2.1	2.4	-.22	.62
28	2	90	11	321.	3.4	5.2	5.2	7.0	8.9	3.0	3.5	-.37	.60
28	2	90	12	304.	3.1	5.0	4.6	7.7	10.7	4.0	4.7	-.53	.59
28	2	90	13	316.	3.0	4.8	4.6	9.7	11.1	5.4	6.4	-.47	.53
28	2	90	14	315.	2.4	4.0	4.0	11.1	12.1	6.7	7.6	-.62	.49
28	2	90	15	314.	1.7	4.2	3.8	14.4	17.8	7.6	8.7	-.65	.46
28	2	90	16	314.	1.0	2.6	2.4	19.4	25.0	8.6	9.8	-.68	.43
28	2	90	17	180.	1.4	3.6	3.4	35.1	99.3	7.4	7.9	-.25	.49
28	2	90	18	160.	2.4	4.0	3.6	9.7	11.8	5.2	4.6	.00	.62
28	2	90	19	134.	2.1	3.6	3.2	11.8	22.0	4.2	3.4	.19	.67
28	2	90	20	105.	1.7	2.6	2.4	8.3	16.9	3.5	2.1	.59	.79
28	2	90	21	329.	.8	2.0	1.8	29.0	51.2	4.0	1.5	.28	.82
28	2	90	22	323.	2.1	3.4	3.4	5.4	10.7	1.6	.4	.50	.89
28	2	90	23	309.	2.7	4.0	3.6	6.1	9.7	-.2	-.5	.40	.92
28	2	90	24	353.	2.6	4.6	4.2	5.6	11.7	.7	.0	.25	.87
MANGLER(ANT)				57	57	57	57	57	57	57	57	57	57
MANGLER(%)				8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5

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TITTEL
Meteorologiske data fra nedre Telemark, vinteren 1989/90

PROSJEKTLEDER
G.W. Gustavsen

NILU PROSJEKT NR.
O-8365

FORFATTER(E)
G.W. Gustavsen

TILGJENGELIGHET *
A

OPPDRAGSGIVERS REF.

OPPDRAGSGIVER (NAVN OG ADRESSE)
Statens forurensningstilsyn, Kontrollseksjonen nedre Telemark
Postboks 402
371 SKIEN

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

REFERAT
En statistisk bearbeiding av meteorologiske data fra Ås i perioden 01.12.89-28.2.90 viser at det blåste oftere fra sektorene fra sør og vest enn hva som har vært vanlig tidligere. Gjennomsnittlig vindstyrke på 3,4 m/s var 0,4 m/s høyere enn normalt. Februar (4,1 m/s) lå hele 1,3 m/s over tiårs-normalen. Stabilitetsfordelingen viser færre tilfeller av lett stabil og stabil sjiktning enn vanlig. Vinteren 1989/90 var veldig mild. Februar 1990 (4,1^{0}C) var den varmeste februarmåneden som har vært registrert på Ås siden målingene startet.

TITLE
Meteorological data from nedre Telemark, winter 1989/90.

ABSTRACT
A statistical evaluation of meteorological data from Ås during winter 1989/90 shows that winds from south to west appeared more often that earlier. The winter 1990 was very warm. February with a mean temperature of 4.1^{0}C was 7.1^{0}C warmer than normal. Stable and light stable cases were observed in about 36% of the time (12% less than normal) during winter 1989/90.

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