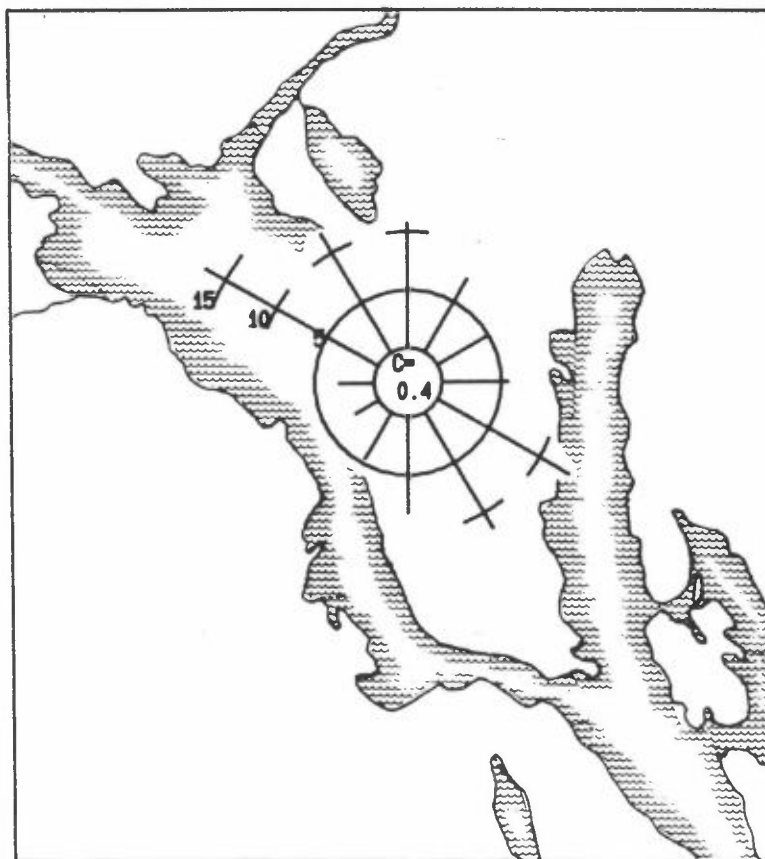


NILU OR: 60/88

NILU OR : 60/88
REFERANSE: O-8365
DATO : AUGUST 1988
ISBN : 82-7247-960-5

METEOROLOGISKE DATA FRA NEDRE TELEMARK, SOMMEREN 1987

Kari Hoem



SAMMENDRAG

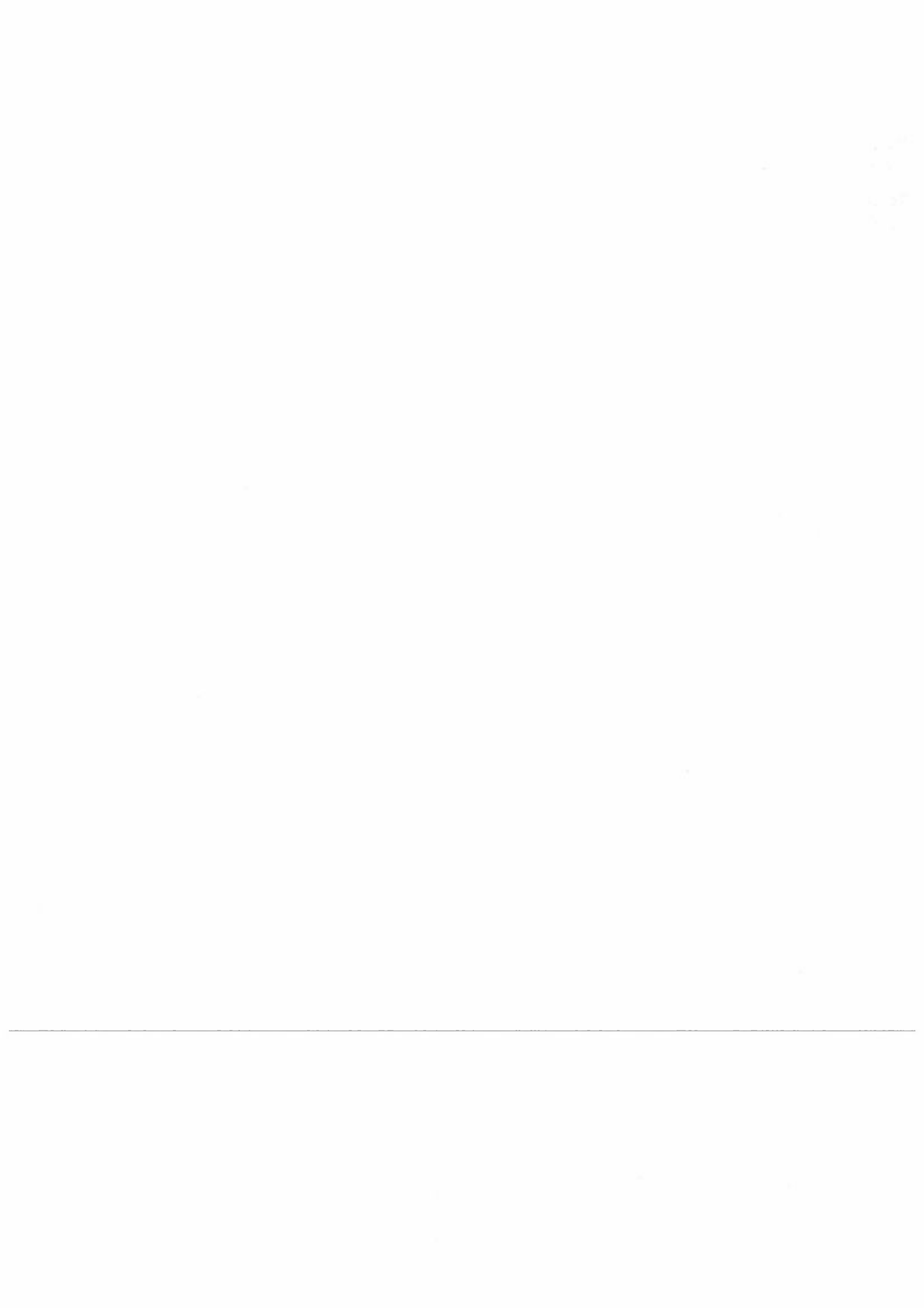
De meteorologiske målingene fra Ås i nedre Telemark i perioden 1.6.87-31.8.87 er presentert.

Vindretningsfordelingen for måleperioden avvek litt fra fordelingen for de siste fem års sommerperioder. Hovedvindretningen har dreid 30° , fra nord-nordvest til vest-nordvest, og frekvensen av vinder fra nord har økt i forhold til gjennomsnittet for de fem siste sommerperiodene. Gjennomsnittlig vindstyrke på 2.8 m/s var 0.1 m/s høyere enn normalt.

Fordelingen av stabilitetsklassene avvek endel fra det som har vært vanlig de ti siste årene. Det var færre tilfeller av ustabil, lett stabil og stabil, og flere tilfeller av nøytralt enn det som har vært vanlig tidligere. De stabile tilfellene forekom, som vanlig, ved vinder fra nordvest.

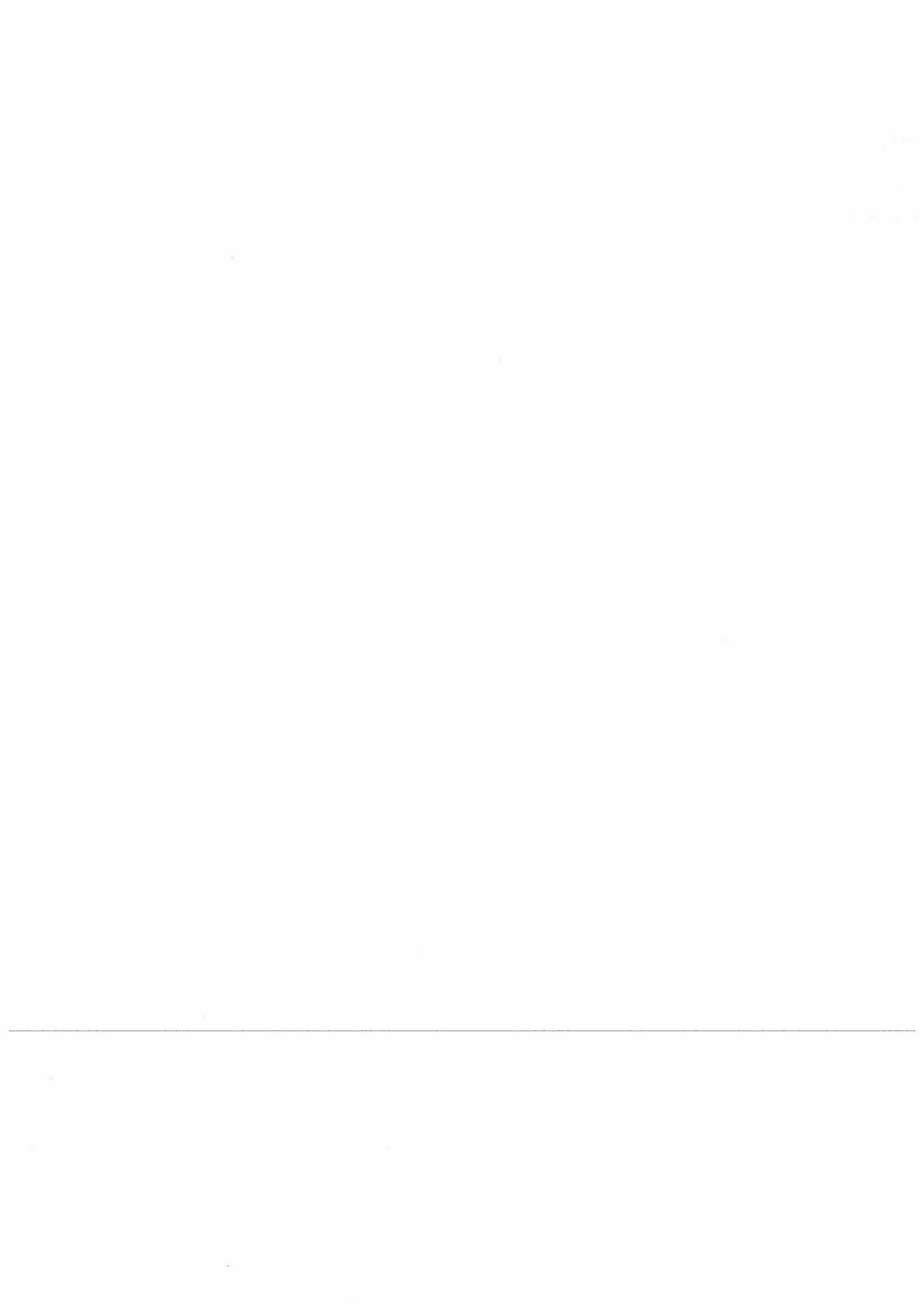
Juni og august var kaldere enn gjennomsnittet for de ti siste årene, mens juli var som normalt. Juni 1987, med gjennomsnittstemperatur på 11.8°C , var den kaldeste juni måned som har vært registrert ved Ås. Middelttemperaturen for juni var 2.8°C lavere og august var 2.1°C lavere enn gjennomsnittet for de ti siste årene.

Sommeren 1987 var den fuktigste sommeren siden registreringene ved Ås startet.



INNHOLD

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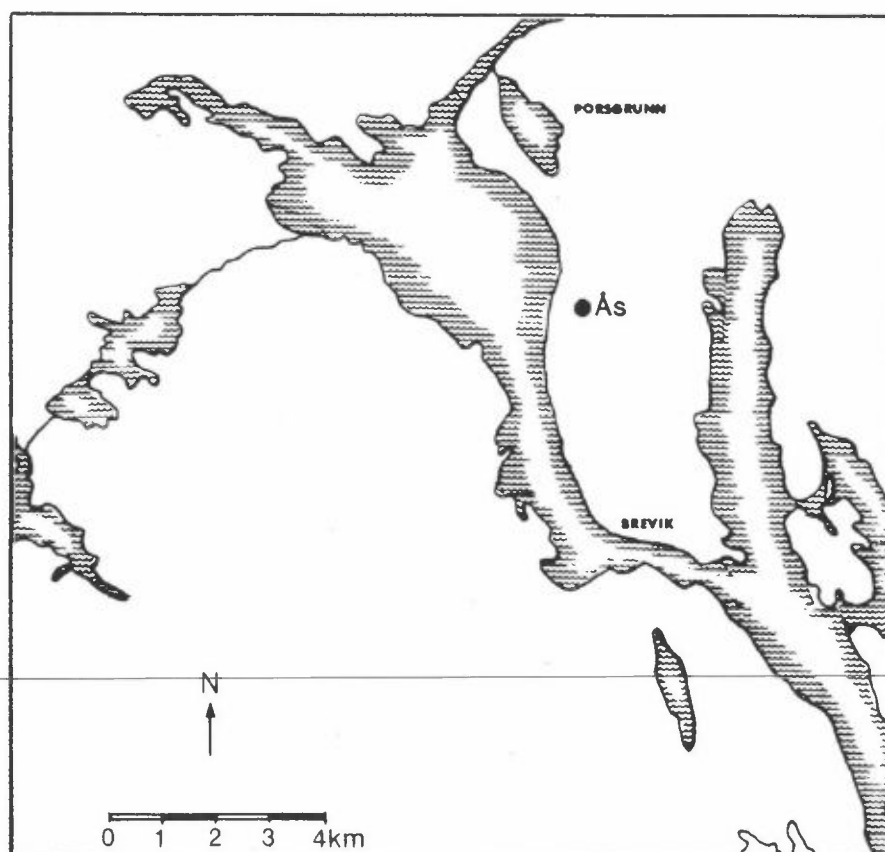
METEOROLOGISKE DATA FRA NEDRE TELEMARK, SOMMEREN 1987

1 INNLEDNING

Denne presentasjonen av meteorologiske data fra nedre Telemark i perioden 1.6.87-31.8.87 (sommer), er et ledd i det koordinerte måleprogram av meteorologi og spredningsforhold i området. Bearbeidelsen er utført på oppdrag fra Statens forurensningstilsyn, kontrollseksjonen nedre Telemark, og er en videreføring av tidligere tilsendte data (se referanselisten).

2 INSTRUMENTERING, STASJONSPASSERING

Målestasjonens plassering er angitt i figur 1.



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

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

Følgende meteorologiske parametere blir målt:

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

Alle timesmiddelverdiene er presentert i vedlegg C.

3 DATATILGJENGELIGHET/KVALITET

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

Datatilgjengeligheten var følgende:

100% for alle parametrene.

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

Sommeren 1987

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

10 20 10 20 10 20

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

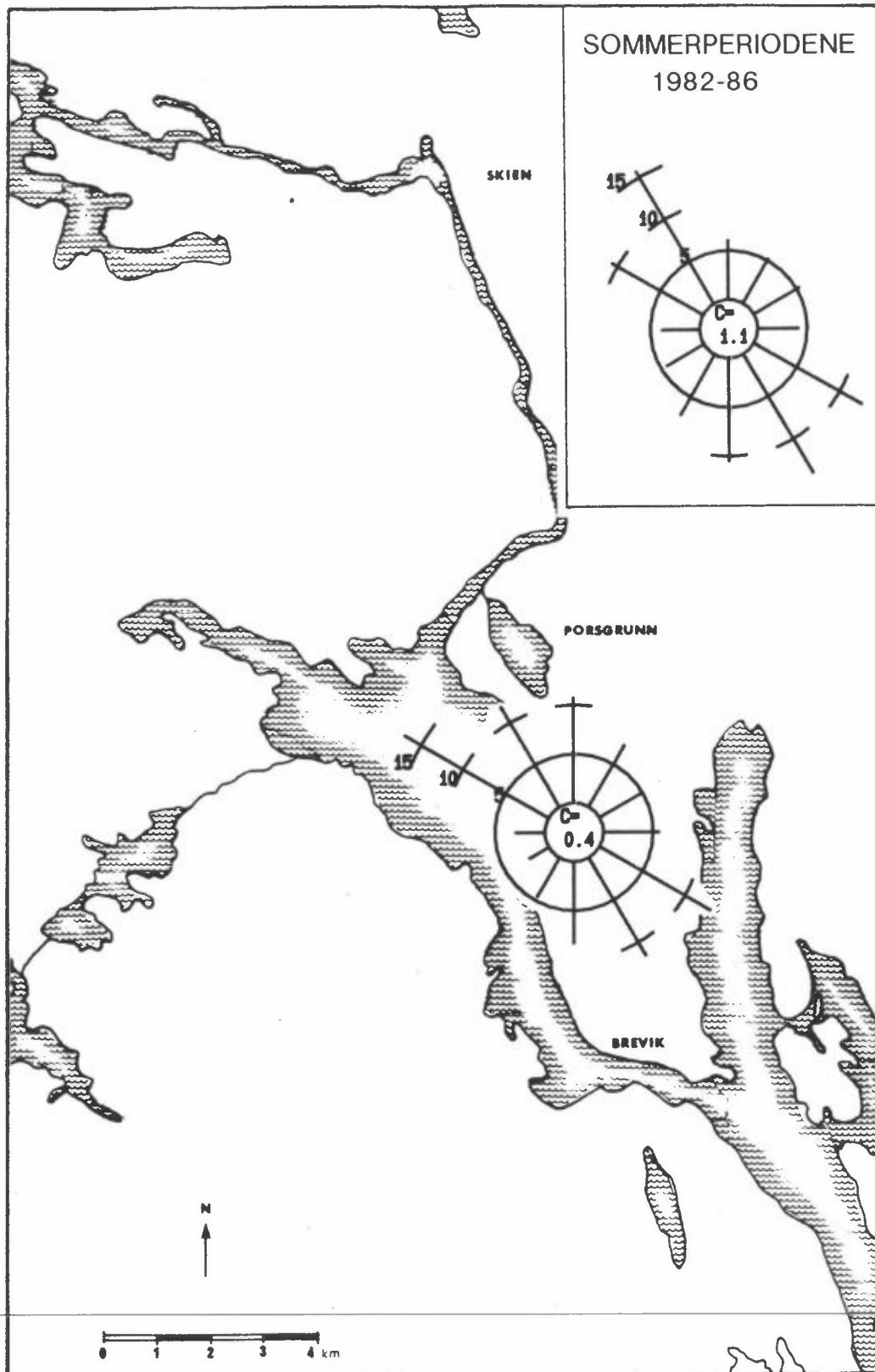
4 VINDFORHOLDENE

4.1 VINDRETNING

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

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

Sommeren 1987 blåste det oftest fra vest-nordvest. Dette avviker litt fra vindretningsfordelingen for de fem tidligere sommerperiodene. Hyppigheten av nordavind var også større sommeren 1987 enn tidligere. Dominerende vindretning var i juni øst-sørøst og i juli og august var den vest-nordvest.

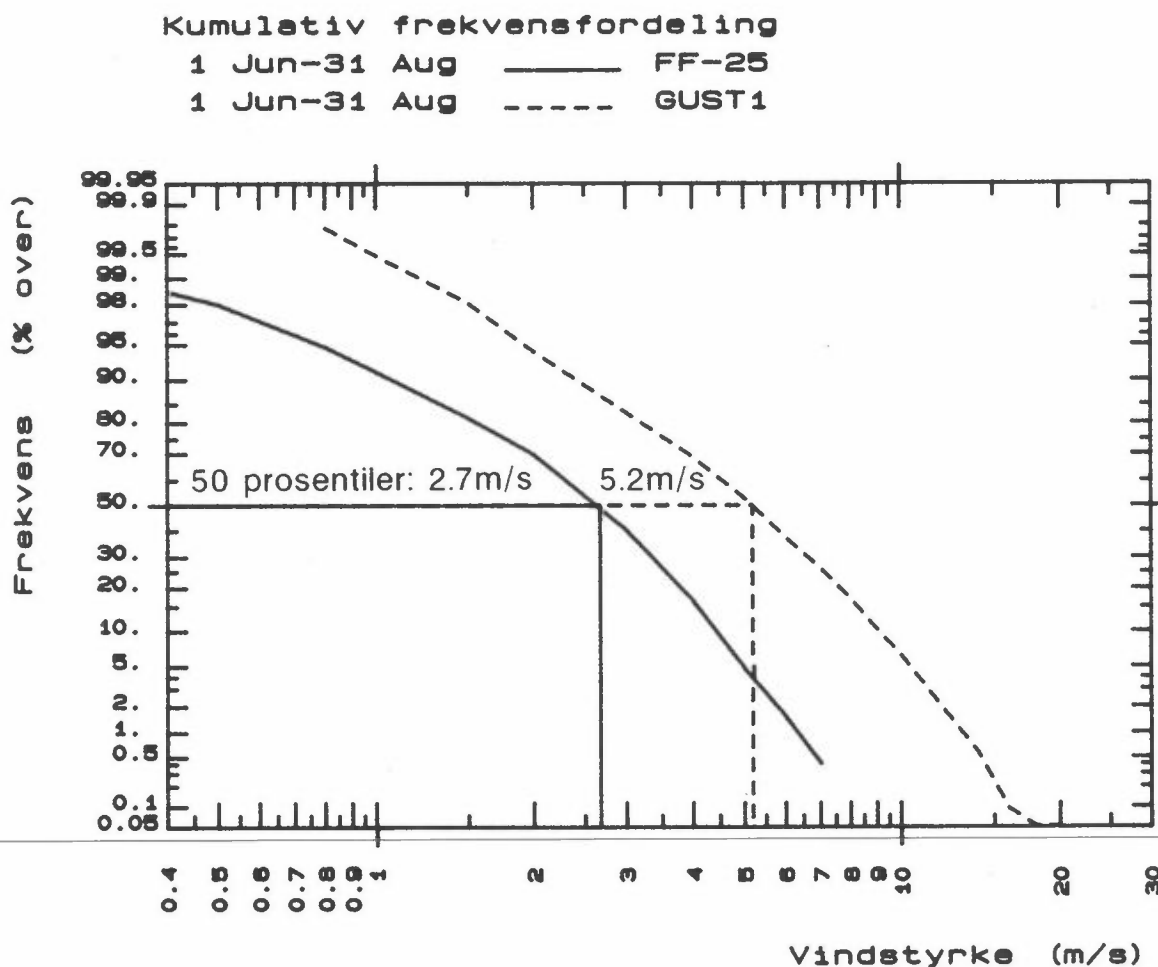


Figur 3: Vindroser (frekvens av vind i % i 12 sektorer) for sommeren 1987 og for sommerperiodene 1982-1986.

4.2 VINDSTYRKE

Middelvindstyrken for sommeren 1987 (2.8 m/s) var 0.1 m/s høyere enn gjennomsnittet for sommerperiodene 1982-1986. Gjennomsnittlige vindstyrker var for juni 2.7 m/s, juli 3.0 m/s og august 2.7 m/s. Den gjennomsnittlige vindstyrken for juni lå 0.1 m/s under femårsnormalen, mens juli lå 0.3 m/s over. August var lik femårsnormalen.

Figur 4 viser den kvartalsvise vindstyrkefordelingen ved Ås. Vindstyrker over 6 m/s forekom i 1.5% av tiden. Svake vinder, mindre enn 2 m/s forekom i 28.8% av tiden. I gjennomsnitt blåste det svakest ved vind fra vest ved Ås (1.8 m/s) og kraftigst blåste det fra øst-nordøst (3.3 m/s). Dette er normalt for denne årstiden.

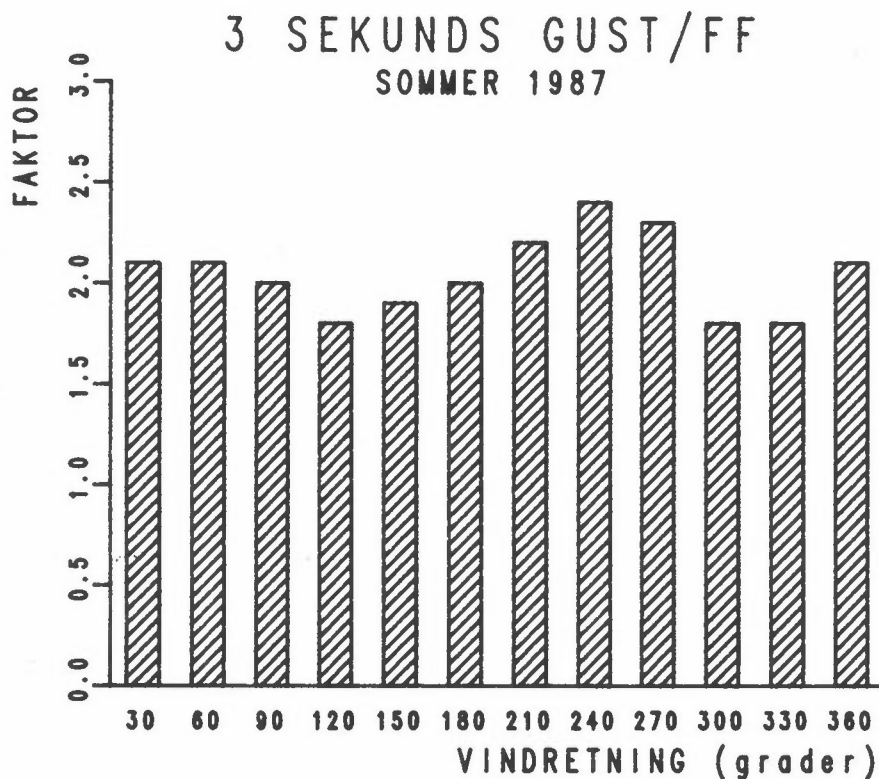


Figur 4: Kumulativ frekvensfordeling av vindstyrke og 1 sekunds gust ved Ås sommeren 1987. Figuren viser frekvens av vindstyrke større enn verdiene angitt på x-aksen.

4.3 VINDKAST (GUST)

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

Figur 5 viser forholdet mellom 3 sekunds gust og timesmidlet vindstyrke ved forskjellige vindretninger. Forholdet varierer lite med vindretningen, og forholdet 3 sek. gust/FF ligger hele tiden nær en faktor 2. Det gjennomsnittlige forholdet er 2.0, og forholdet er størst ved vind fra vest-sørvest, med faktor 2.4. For vind fra udefinert retning, det vil si vindstyrker lavere enn 0.2 m/s, stiger imidlertid dette forholdet, faktor på 4.9.



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

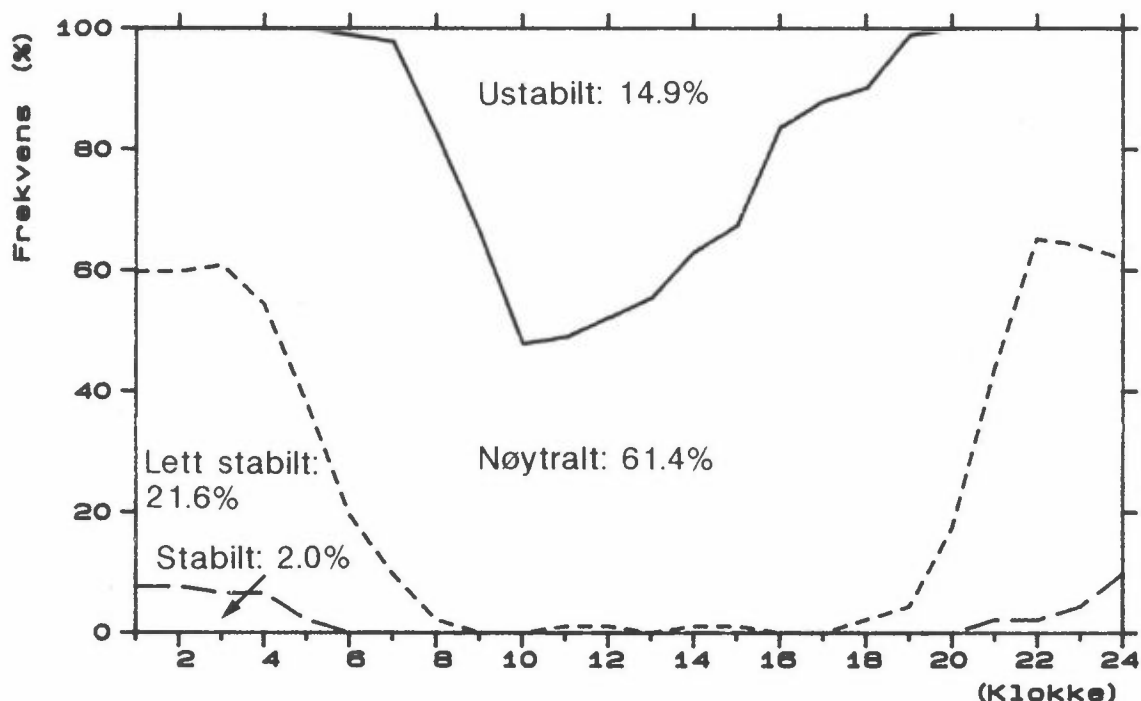
Det kraftigste vindkastet ble registrert 18. juli kl 01, og var 20.8 m/s for GUST1 og 18.8 m/s for GUST3. Middelvindstyrken for denne timen var 7.2 m/s.

5 STABILITETSFORHOLD

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

Ustabil : $dT < -0.5$
 Nøytral : $-0.5 \leq dT < 0$
 Lett stabil : $0 \leq dT < 0.5$
 Stabil : $0.5 \leq dT$

Stasjon: ÅS AWS
 Periode: SOMMER 1987
 Data : Delta T (25-10) m



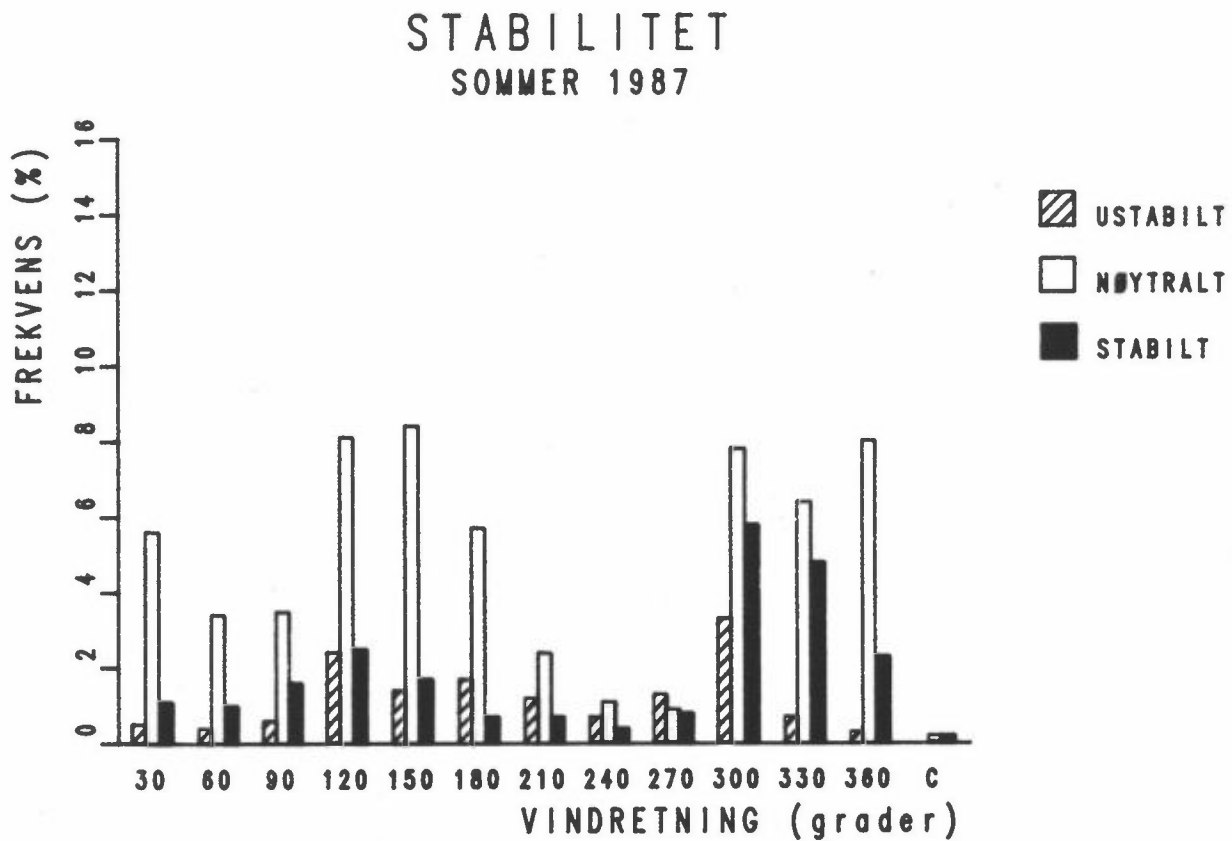
Figur 6: Døgnfordelingen av fire stabilitetsklasser basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masten på Ås 1.6.87-31.8.87.

Sommeren 1987 var det 2.0% stabil, 21.6% lett stabil, 61.4% nøytral og 14.9% ustabil temperatursjiktning. Denne fordelingen gir langt flere tilfeller av nøytral sjiktning enn gjennomsnittet for de ti siste årene, mens det var færre tilfeller av ustabil, lett stabilt og stabilt enn det som tidligere har vært vanlig.

6 FREKVENNS AV VIND/STABILITET

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

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



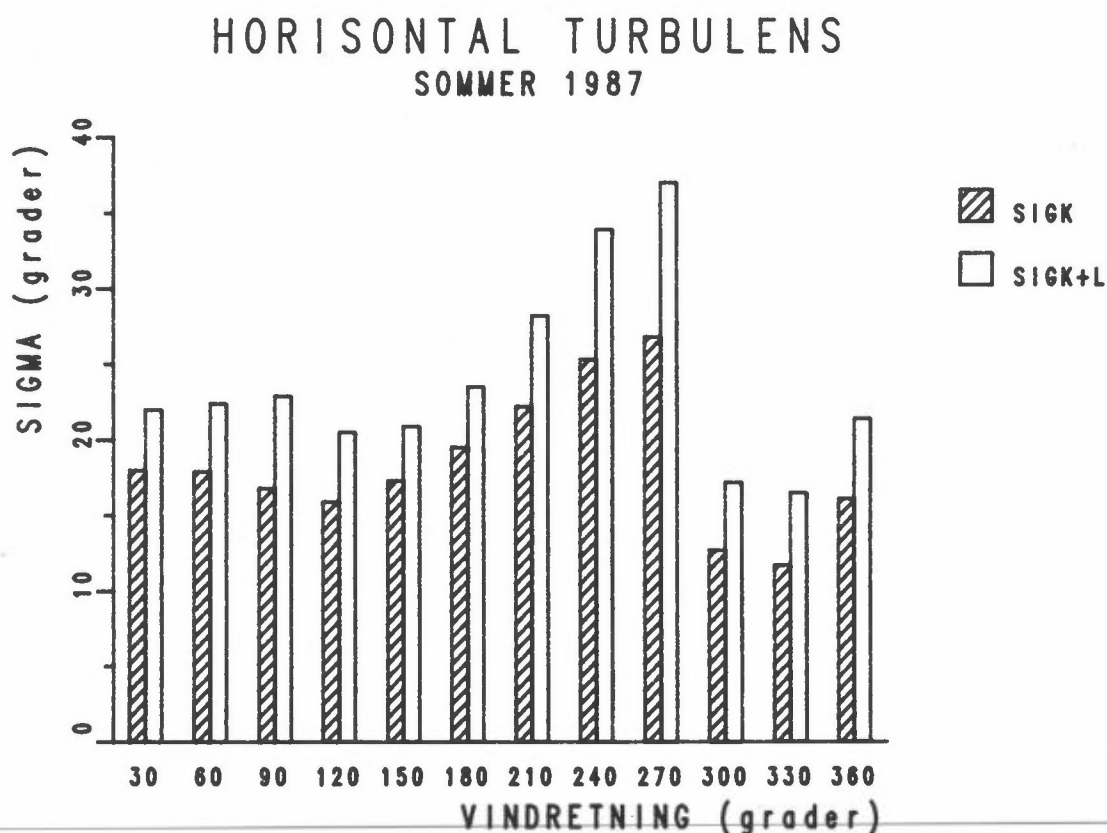
Figur 7: Frekvens av ustabil, nøytral og stabil (lett stabil + stabil) sjiktning som funksjon av vindretningen ved Ås sommeren 1987.

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

7 HORIZONTAL TURBULENS

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

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



Figur 8: Midlere verdier av horisontal turbulens (σ_{θ}) (i grader som 5 minutters middel og timesmiddel) som funksjon av vindretningen, sommeren 1987.

Figur 8 viser at σ_{θ} er høyest ved vind fra sør-sørvest til vest.

8 TEMPERATUR

Tabell 1 viser månedsvise middeltemperaturer for sommeren 1987 sammenlignet med tiårsnormalen for hver måned.

Tabell 1: Månedsvise middeltemperaturer for sommeren 1987 og middel for de ti siste årene for de respektive månedene i °C.

Måned	TEMPERATUR 2 m o. b. (°C)	
	1987	1977-1986
Juni	11.8	14.6
Juli	16.3	16.3
August	13.3	15.4

Juni var 2.8°C kaldere enn gjennomsnittet de ti siste årene. Juli var like varm som tiårsnormalen, mens august var 2.1°C kaldere enn tiårsnormalen.

1987 hadde den kaldeste juni måned siden målingene ved Ås startet, og en av de kaldeste august månedene siden starten i 1972.

Den høyeste temperaturen ble målt den 22.7.87 kl 12 til 27.7°C. Den laveste temperaturen ble målt den 3.6.87 kl 04 til 5.9°C.

Fullstendig månedsvise temperaturstatistikk for perioden 1.6.87-31.8.87 finnes i tabell A5.

9 RELATIV FUKTIGHET

Tabell 2 viser månedsvise midlere relativ fuktighet for sommeren 1987 sammenlignet med tiårsnormalen for hver måned.

Tabell 2: Månedsvise midlere relativ fuktighet for sommeren 1987 og middelerverdier for de ti siste årene for de respektive månedene i prosent.

Måned	RELATIV FUKTIGHET 2 m o. b. (%)	
	1987	1977-1986
Juni	90	75
Juli	83	76
August	89	78

I alle de tre sommermånedene var det lavest fuktighet om dagen og høyest om natten. I juni varierte fuktigheten i gjennomsnitt fra 85% om dagen til 95% om natten, i juli varierte den fra 77% til 91% og i august fra 83% til 94%. 1987 var den fuktigste sommeren siden registreringene ved Ås startet.

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

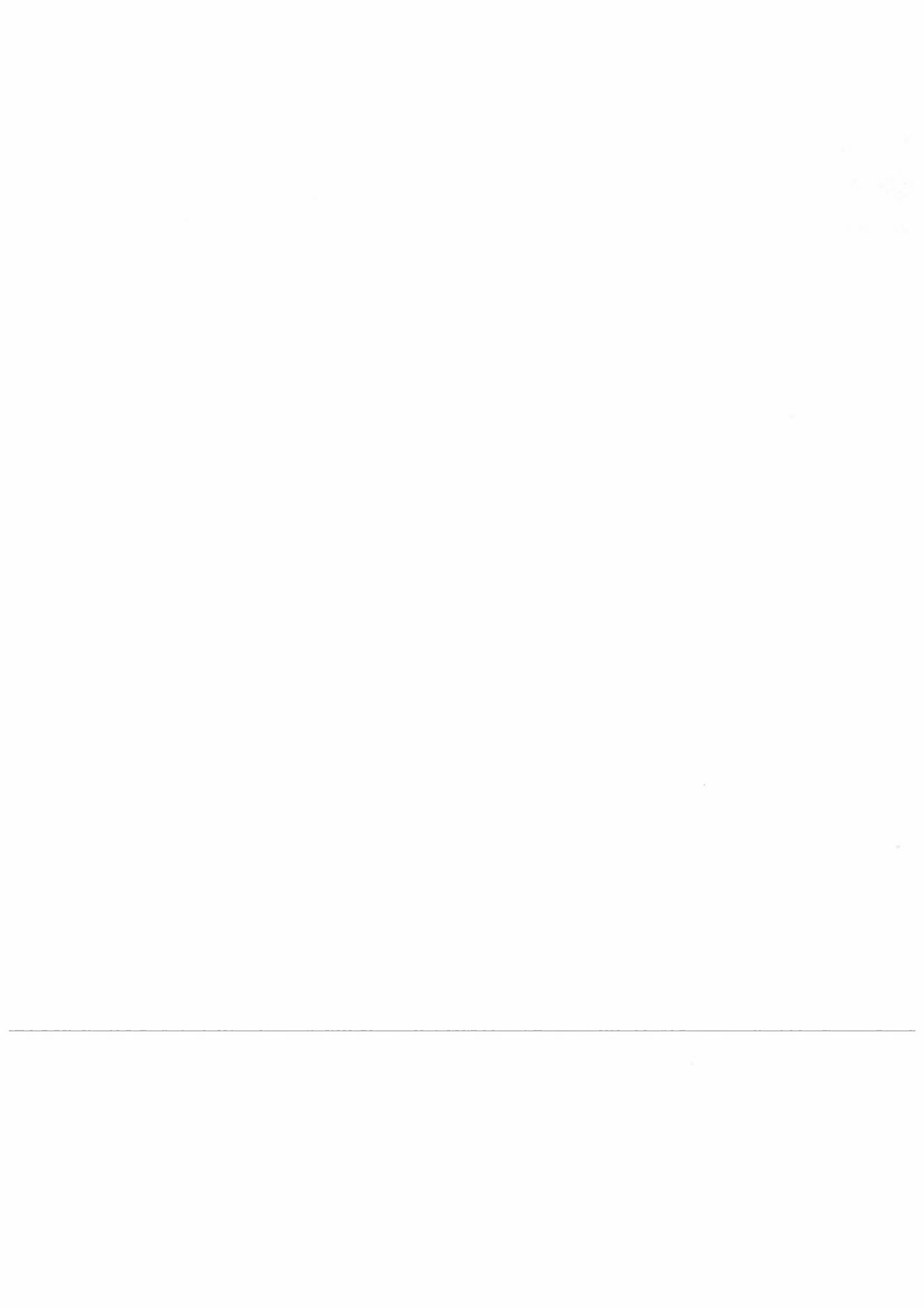
10 REFERANSER

Arnesen, K., Friberg, A.G., Sivertsen, B., Skaug, K. og Hoem, K.
(1978-87) Meteorologiske data fra nedre Telemark. Lillestrøm (NILU
OR).

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

VEDLEGG A

Tabeller



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

Stasjon : AAS

Periode : 01.06.87 - 31.08.87

*) Vind- retning	FORDELING AV VINDRETNINGER OVER DØGNET (%)								Vind- rose
	Klokkeslett								
	01	04	07	10	13	16	19	22	
30	7.6	6.5	10.9	6.5	8.7	7.6	7.6	5.4	7.2
60	5.4	10.9	5.4	4.3	3.3	4.3	2.2	2.2	4.9
90	7.6	6.5	5.4	4.3	4.3	4.3	4.3	6.5	5.6
120	7.6	3.3	2.2	13.0	26.1	19.6	19.6	13.0	13.0
150	6.5	4.3	6.5	7.6	18.5	18.5	22.8	13.0	11.5
180	3.3	1.1	2.2	7.6	8.7	17.4	9.8	5.4	8.3
210	4.3	3.3	6.5	8.7	4.3	4.3	4.3	6.5	4.5
240	.0	2.2	4.3	2.2	1.1	3.3	2.2	4.3	2.2
270	2.2	4.3	1.1	5.4	4.3	.0	1.1	2.2	2.9
300	21.7	21.7	19.6	21.7	9.8	8.7	10.9	18.5	16.9
330	23.9	21.7	19.6	7.6	2.2	4.3	4.3	8.7	11.8
360	9.8	12.0	15.2	10.9	8.7	7.6	10.9	14.1	10.7
Stille	.0	2.2	1.1	.0	.0	.0	.0	.0	.4

Ant.obs (92) (92) (92) (92) (92) (92) (92) (92) (2208)

Midlere

vind m/s 2.6 2.6 2.3 2.9 3.2 3.3 2.8 2.5 2.8

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

Klasse I: Vindstyrke .3 - 2.0 m/s

Klasse II: Vindstyrke 2.1 - 4.0 m/s

Klasse III: Vindstyrke 4.1 - 6.0 m/s

Klasse IV: Vindstyrke > 6.0 m/s

*) Vind- retning	Klasser					Total	Nobs	Midlere vind m/s
	I	II	III	IV				
30	1.9	4.2	1.2	.0	7.2	(159)	2.8	
60	1.3	2.2	1.0	.4	4.9	(108)	3.3	
90	2.4	1.9	1.0	.5	5.6	(124)	2.9	
120	3.2	7.9	1.9	.0	13.0	(288)	2.8	
150	3.0	6.6	1.9	.0	11.5	(254)	2.9	
180	2.0	4.2	1.8	.2	8.3	(183)	3.0	
210	1.3	2.1	1.0	.0	4.5	(99)	2.9	
240	1.1	.7	.3	.0	2.2	(49)	2.3	
270	1.9	.9	.1	.0	2.9	(65)	1.8	
300	4.3	10.1	2.2	.3	16.9	(373)	2.8	
330	3.0	7.2	1.5	.0	11.8	(261)	2.7	
360	3.1	5.9	1.7	.0	10.7	(236)	2.7	
Stille					.4	(9)		
Total	28.4	54.0	15.7	1.5	100.0	(2208)		
Midlere vind m/s	1.3	2.9	4.6	6.6			2.8	

*) Dette tallet angir sentrum av vindsektor

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

Stasjon : AAS
 Periode : 01.06.82 - 31.08.86

*) Vind- retning	FORDELING AV VINDRETNINGER OVER DØGNET (%)								Vind- rose
	Klokkeslett								
	01	04	07	10	13	16	19	22	
30	5.3	8.6	6.9	6.4	4.6	4.0	2.7	4.0	5.2
60	5.6	6.7	6.2	5.1	4.6	3.1	3.1	5.7	5.3
90	5.6	2.9	4.9	5.1	4.9	2.9	3.3	5.5	4.1
120	4.2	5.3	3.8	15.5	17.7	16.1	21.5	16.1	12.6
150	9.6	4.2	4.2	12.0	25.7	23.6	18.1	11.7	14.0
180	5.8	4.4	5.3	7.5	14.6	23.8	16.2	9.5	10.5
210	6.4	5.1	5.3	6.2	7.3	9.1	11.9	6.6	7.0
240	2.7	2.7	2.4	5.1	4.2	4.0	5.3	6.2	4.3
270	3.6	3.8	3.8	6.0	4.0	2.9	2.9	3.8	3.8
300	12.2	12.2	14.0	16.6	7.7	6.0	8.2	10.2	10.6
330	27.3	33.0	27.3	10.4	3.5	2.0	4.4	13.9	15.6
360	10.2	9.8	13.8	3.8	1.1	2.0	1.5	5.1	6.0
Stille	1.6	1.3	2.0	.2	.0	.7	.9	1.8	1.1

Ant.obs (450) (451) (450) (451) (452) (453) (452) (453) (****)
 Midlere
 vind m/s 2.3 2.4 2.2 2.6 3.5 3.5 2.9 2.4 2.7

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

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

*) Vind- retning	Klasser				Total	Nobs	Midlere vind m/s
	I	II	III	IV			
30	1.7	2.5	1.0	.0	5.2	(565)	2.8
60	1.5	2.5	1.1	.2	5.3	(576)	3.0
90	1.5	2.0	.4	.1	4.1	(440)	2.6
120	2.8	7.7	1.9	.1	12.6	(1362)	2.9
150	3.5	8.1	2.2	.2	14.0	(1515)	2.9
180	2.4	6.0	2.1	.1	10.5	(1137)	2.9
210	2.0	3.5	1.3	.1	7.0	(756)	2.9
240	1.6	1.7	.8	.1	4.3	(466)	2.7
270	1.8	1.4	.6	.0	3.8	(417)	2.4
300	3.6	5.2	1.5	.3	10.6	(1152)	2.7
330	5.3	8.8	1.4	.1	15.6	(1685)	2.5
360	2.2	3.1	.5	.1	6.0	(645)	2.5
Stille					1.1	(116)	
Total	30.1	52.5	14.8	1.5	100.0	(****)	
Midlere vind m/s	1.4	2.9	4.7	6.7			2.7

*) Dette tallet angir sentrum av vindsektor

Tabell A3: Fire stabilitetsklasser fordelt over døgnet basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås sommeren 1987.

Stasjon : AAS
 Parameter: Temperatur differanse (DT)
 Enhet : Grader C
 Periode : 01.06.87 - 31.08.87

STABILITETSKLASSER (%) FORDELT OVER DØGNET

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

Time	Klasser			
	I	II	III	IV
01	.0	40.2	52.2	7.6
02	.0	40.2	52.2	7.6
03	.0	39.1	54.3	6.5
04	.0	45.7	47.8	6.5
05	.0	62.0	35.9	2.2
06	1.1	79.3	19.6	.0
07	2.2	88.0	9.8	.0
08	17.4	80.4	2.2	.0
09	33.7	66.3	.0	.0
10	52.2	47.8	.0	.0
11	51.1	47.8	1.1	.0
12	47.8	51.1	1.1	.0
13	44.6	55.4	.0	.0
14	37.0	62.0	1.1	.0
15	32.6	66.3	1.1	.0
16	16.3	83.7	.0	.0
17	12.0	88.0	.0	.0
18	9.8	88.0	2.2	.0
19	1.1	94.6	4.3	.0
20	.0	82.6	17.4	.0
21	.0	56.5	41.3	2.2
22	.0	34.8	63.0	2.2
23	.0	35.9	59.8	4.3
24	.0	38.0	52.2	9.8
Total	14.9	61.4	21.6	2.0

Antall obs : 2208
 Manglende obs: 0

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

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

Vindstille: U mindre eller lik .2 m/s

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.06.87 - 31.08.87

Enhet : Prosent

Vindretning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				Rose	
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV		
30	.1	1.0	.7	.0	.3	3.5	.4	.0	.1	1.1	.0	.0	.0	.0	.0	.0	.0	7.2
60	.0	.9	.3	.0	.3	1.3	.6	.0	.1	.8	.1	.0	.0	.4	.0	.0	.0	4.9
90	.2	1.3	.9	.0	.1	1.3	.5	.0	.0	.7	.2	.0	.3	.2	.0	.0	.0	5.6
120	.4	1.8	.9	.1	1.5	4.9	1.4	.1	.5	1.4	.0	.0	.0	.0	.0	.0	.0	13.0
150	.5	1.4	1.0	.1	.8	5.2	.6	.0	.1	1.8	.0	.0	.0	.0	.0	.0	.0	11.5
180	.5	1.1	.4	.0	.6	3.2	.3	.0	.5	1.3	.0	.0	.1	.1	.0	.0	.0	8.3
210	.3	.7	.2	.0	.6	1.0	.5	.0	.3	.7	.0	.0	.0	.0	.0	.0	.0	4.5
240	.4	.5	.3	.0	.2	.4	.1	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	2.2
270	.8	.7	.4	.1	.4	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9
300	1.0	1.9	1.3	.1	1.5	4.8	3.4	.4	.8	1.1	.3	.0	.0	.0	.3	.0	.0	16.9
330	.1	1.4	1.1	.4	.4	4.0	2.4	.5	.2	1.0	.4	.0	.0	.0	.0	.0	.0	11.8
360	.1	1.8	1.0	.1	.2	4.7	1.0	.0	.0	1.5	.2	.0	.0	.0	.0	.0	.0	10.7
Stille	.0	.2	.2	.0														.4
Total	4.5	14.7	8.7	1.0	7.0	34.6	11.4	1.0	2.9	11.5	1.3	.0	.5	.7	.3	.0		100.0

Forekomst 28.8 I 54.0 I 15.7 I 1.5 I 100.0 I
 Vindstyrke 1.3 m/s 2.9 m/s 4.6 m/s 6.6 m/s 2.8 m/s

Fordeling på stabilitetsklasser

Klasse I Klasse II Klasse III Klasse IV
 Forekomst 14.9 I 61.4 I 21.6 I 2.0 I 100.0 I

Antall obs. : 2208
 Manglende obs.: 0

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

Stasjon : AAS
 Periode : 01.06.87 - 31.08.87
 Parameter: REL.FUKT.
 Enhet : PROSENT

MIDDEL-, MAKSIMUM- OG MINIMUMVERDIER											
Måned	Nobs	RHmidl	Maks			Min			Midlere		
			RH	Dag	Kl	RH	Dag	Kl	RHmaks	RHmin	
Jun 1987	30	.90	1.00	* 6	21	.64	11	11	.97	.79	
Jul 1987	31	.83	.97	* 3	22	.54	8	19	.96	.70	
Aug 1987	31	.89	.98	* 1	01	.56	28	16	.96	.78	

FOREKOMST INNEN GITTE GRENSER						
Måned	RH < .30		RH < .75		RH < .95	
	Døgn	Timer	Døgn	Timer	Døgn	Timer
Jun 1987	0	0	8	35	30	470
Jul 1987	0	0	22	156	31	608
Aug 1987	0	0	14	76	30	448

MIDLERE MÅNEDSVIS DØGNFORDELING										
Måned:	Klokkeslett									Nobs
	01	04	07	10	13	16	19	22		
Jun 1987	.95	.95	.92	.87	.85	.86	.90	.93		(720)
Middelverdi	.03	.04	.07	.08	.08	.06	.08	.07		
Stand.avvik	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(30)	
Nobs										
Jul 1987	.90	.91	.87	.79	.77	.77	.81	.88		(744)
Middelverdi	.07	.06	.07	.07	.10	.10	.12	.10		
Stand.avvik	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	
Nobs										
Aug 1987	.94	.93	.92	.85	.83	.86	.91	.94		(744)
Middelverdi	.06	.06	.06	.09	.12	.11	.08	.07		
Stand.avvik	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	
Nobs										

Tabell A7: a) Vindfrekvenser (vindrose) fra Ås for juni 1987.
 b) Vindfrekvenser (vindrose) fra Ås for juli 1987.
 c) Vindfrekvenser (vindrose) fra Ås for august 1987.

Stasjon : AAS
 Periode : 01.06.87 - 30.06.87

a)

*) Vindretning	FORDELING AV VINDRETNINGER OVER DØGNET (%)								Vindrose
	Klokkeslett								
	01	04	07	10	13	16	19	22	
30	6.7	6.7	6.7	3.3	3.3	13.3	3.3	3.3	4.3
60	3.3	3.3	3.3	.0	.0	.0	3.3	.0	3.1
90	10.0	10.0	6.7	.0	6.7	3.3	3.3	6.7	5.4
120	13.3	6.7	6.7	23.3	26.7	30.0	30.0	16.7	18.5
150	13.3	6.7	6.7	10.0	26.7	23.3	33.3	20.0	16.2
180	.0	.0	3.3	6.7	10.0	13.3	.0	10.0	7.8
210	6.7	6.7	6.7	13.3	6.7	6.7	6.7	3.3	6.3
240	.0	3.3	13.3	3.3	.0	3.3	.0	.0	2.4
270	3.3	3.3	.0	3.3	3.3	.0	.0	3.3	2.1
300	23.3	23.3	20.0	23.3	6.7	.0	6.7	13.3	15.0
330	10.0	16.7	16.7	3.3	3.3	3.3	3.3	10.0	9.0
360	10.0	13.3	10.0	10.0	6.7	3.3	10.0	13.3	9.6
Stille	.0	.0	.0	.0	.0	.0	.0	.0	.4

Ant.obs (30) (30) (30) (30) (30) (30) (30) (30) (30) (720)
 Midlere
 vind m/s 2.4 2.2 2.0 2.7 3.4 3.4 2.9 2.7 2.7

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

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

*) Vindretning	Klasser					Nobs	Midlere vind m/s
	I	II	III	IV	Total		
30	2.2	1.9	.1	.0	4.3	(31)	1.8
60	2.4	.7	.0	.0	3.1	(22)	1.6
90	3.1	2.2	.1	.0	5.4	(39)	2.0
120	4.2	11.1	3.2	.0	18.5	(133)	2.9
150	3.6	9.4	3.2	.0	16.2	(117)	3.1
180	1.7	3.9	1.8	.4	7.8	(56)	3.2
210	.8	3.1	2.2	.1	6.3	(45)	3.4
240	1.2	1.1	.0	.0	2.4	(17)	1.7
270	1.1	1.0	.0	.0	2.1	(15)	1.9
300	5.3	7.4	1.5	.8	15.0	(108)	2.7
330	3.6	3.5	1.8	.1	9.0	(65)	2.5
360	3.6	3.3	2.6	.0	9.6	(69)	2.8
Stille					.4	(3)	
Total	32.8	48.6	16.7	1.5	100.0	(720)	
Midlere vind m/s	1.3	2.9	4.6	6.4			2.7

*) Dette tallet angir sentrum av vindsektor

Stasjon : AAS
 Periode : 01.07.87 - 31.07.87

b)

*) Vind- retning	FORDELING AV VINDRETNINGER OVER DØGNET (%)								
	Klokkeslett								Vind- rose
	01	04	07	10	13	16	19	22	
30	.0	3.2	6.5	6.5	12.9	3.2	3.2	3.2	5.5
60	12.9	12.9	6.5	9.7	6.5	6.5	3.2	6.5	7.5
90	6.5	6.5	9.7	6.5	3.2	6.5	6.5	6.5	7.5
120	9.7	3.2	.0	9.7	35.5	19.4	19.4	19.4	13.3
150	3.2	3.2	9.7	6.5	9.7	16.1	12.9	6.5	9.4
180	.0	.0	.0	9.7	9.7	16.1	16.1	3.2	7.4
210	3.2	3.2	9.7	9.7	3.2	6.5	6.5	9.7	5.0
240	.0	3.2	.0	.0	.0	6.5	3.2	6.5	3.0
270	3.2	3.2	.0	9.7	3.2	.0	.0	3.2	4.0
300	19.4	29.0	16.1	19.4	6.5	16.1	16.1	19.4	17.9
330	35.5	22.6	22.6	6.5	3.2	3.2	3.2	9.7	12.1
360	6.5	6.5	16.1	6.5	6.5	.0	9.7	6.5	6.9
Stille	.0	3.2	3.2	.0	.0	.0	.0	.0	.5

Ant.obs (31) (31) (31) (31) (31) (31) (31) (31) (744)
 Midlere
 vind m/s 2.7 2.9 2.4 3.2 3.3 3.4 3.0 2.6 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					Total	Nobs	Midlere vind m/s
	I	II	III	IV				
30	2.2	2.8	.5	.0	5.5	(41)	2.5	
60	.3	3.6	2.6	1.1	7.5	(56)	4.2	
90	1.5	2.0	2.7	1.3	7.5	(56)	4.1	
120	3.6	8.5	1.2	.0	13.3	(99)	2.7	
150	2.6	5.4	1.5	.0	9.4	(70)	2.8	
180	1.3	4.3	1.6	.1	7.4	(55)	3.2	
210	1.5	2.7	.8	.0	5.0	(37)	2.8	
240	.8	1.1	.9	.1	3.0	(22)	3.3	
270	2.6	1.1	.4	.0	4.0	(30)	1.9	
300	4.6	10.2	3.1	.0	17.9	(133)	2.9	
330	3.1	7.5	1.5	.0	12.1	(90)	2.7	
360	1.6	4.7	.5	.0	6.9	(51)	2.5	
Stille					.5	(4)		
Total	25.5	53.9	17.3	2.7	100.0	(744)		
Midlere vind m/s	1.4	3.0	4.7	6.9			3.0	

*) Dette tallet angir sentrum av vindsektor

Stasjon : AAS
 Periode : 01.08.87 - 31.08.87

c)

*) Vind- retning	FORDELING AV VINDRETNINGER OVER DØGNET (%)								Vind- rose
	Klokkeslett								
	01	04	07	10	13	16	19	22	
30	16.1	9.7	19.4	9.7	9.7	6.5	16.1	9.7	11.7
60	.0	16.1	6.5	3.2	3.2	6.5	.0	.0	4.0
90	6.5	3.2	.0	6.5	3.2	3.2	3.2	6.5	3.9
120	.0	.0	.0	6.5	16.1	9.7	9.7	3.2	7.5
150	3.2	3.2	3.2	6.5	19.4	16.1	22.6	12.9	9.0
180	9.7	3.2	3.2	6.5	6.5	22.6	12.9	3.2	9.7
210	3.2	.0	3.2	3.2	3.2	.0	.0	6.5	2.3
240	.0	.0	.0	3.2	3.2	.0	3.2	6.5	1.3
270	.0	6.5	3.2	3.2	6.5	.0	3.2	.0	2.7
300	22.6	12.9	22.6	22.6	16.1	9.7	9.7	22.6	17.7
330	25.8	25.8	19.4	12.9	.0	6.5	6.5	6.5	14.2
360	12.9	16.1	19.4	16.1	12.9	19.4	12.9	22.6	15.6
Stille	.0	3.2	.0	.0	.0	.0	.0	.0	.3

Ant. obs (31) (31) (31) (31) (31) (31) (31) (31) (31) (744)
 Midlere
 vind m/s 2.6 2.8 2.5 2.8 3.0 3.1 2.6 2.3 2.7

VINDSTYRKEKLASSER FORDELT PÅ VINDRETNING (%)

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

*) Vind- retning	Klasser					Total	Nobs	Midlere vind m/s
	I	II	III	IV	Total			
30	1.2	7.7	2.8	.0	11.7	(87)	3.3	
60	1.2	2.3	.4	.1	4.0	(30)	2.8	
90	2.6	1.3	.0	.0	3.9	(29)	1.9	
120	1.7	4.3	1.5	.0	7.5	(56)	2.9	
150	2.8	5.1	.9	.1	9.0	(67)	2.7	
180	3.1	4.4	2.0	.1	9.7	(72)	2.9	
210	1.6	.7	.0	.0	2.3	(17)	1.7	
240	1.3	.0	.0	.0	1.3	(10)	1.1	
270	2.2	.5	.0	.0	2.7	(20)	1.6	
300	3.0	12.8	2.0	.0	17.7	(132)	2.9	
330	2.3	10.6	1.3	.0	14.2	(106)	2.7	
360	4.0	9.5	2.0	.0	15.6	(116)	2.8	
Stille					.3	(2)		
Total	27.0	59.3	13.0	.4	100.0	(744)		
Midlere vind m/s	1.4	2.9	4.6	6.2			2.7	

*) Dette tallet angir sentrum av vindsektor

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

a) juni 1987 b) juli 1987 c) august 1987

STABILITETSKLASSE (Z) FORDELT OVER DØGNET

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

a)

Stasjon : AAS
 Parameter: Temperatur differanse (DT)
 Enhet : Grader C
 Periode : 01.06.87 - 30.06.87

Time	Klasser			
	I	II	III	IV
01	.0	23.3	66.7	10.0
02	.0	13.3	73.3	13.3
03	.0	6.7	80.0	13.3
04	.0	20.0	66.7	13.3
05	.0	40.0	56.7	3.3
06	.0	73.3	26.7	.0
07	.0	86.7	13.3	.0
08	6.7	90.0	3.3	.0
09	16.7	83.3	.0	.0
10	33.3	66.7	.0	.0
11	33.3	66.7	.0	.0
12	16.7	83.3	.0	.0
13	13.3	86.7	.0	.0
14	20.0	80.0	.0	.0
15	13.3	86.7	.0	.0
16	3.3	96.7	.0	.0
17	.0	100.0	.0	.0
18	3.3	90.0	6.7	.0
19	.0	93.3	6.7	.0
20	.0	86.7	13.3	.0
21	.0	53.3	46.7	.0
22	.0	26.7	73.3	.0
23	.0	26.7	70.0	3.3
24	.0	20.0	66.7	13.3
Total	6.7	62.5	27.9	2.9

Antall obs : 720
 Manglende obs: 0

b)

Stasjon : AAS
 Parameter: Temperatur differanse (DT)
 Enhet : Grader C
 Periode : 01.07.87 - 31.07.87

Time	Klasser			
	I	II	III	IV
01	.0	19.4	71.0	9.7
02	.0	25.8	67.7	6.5
03	.0	35.5	58.1	6.5
04	.0	41.9	51.6	6.5
05	.0	74.2	22.6	3.2
06	3.2	77.4	19.4	.0
07	6.5	80.6	12.9	.0
08	22.6	74.2	3.2	.0
09	45.2	54.8	.0	.0
10	67.7	32.3	.0	.0
11	71.0	25.8	3.2	.0
12	61.3	35.5	3.2	.0
13	67.7	32.3	.0	.0
14	41.9	54.8	3.2	.0
15	38.7	58.1	3.2	.0
16	25.8	74.2	.0	.0
17	25.8	74.2	.0	.0
18	16.1	83.9	.0	.0
19	.0	93.5	6.5	.0
20	.0	80.6	19.4	.0
21	.0	54.8	38.7	6.5
22	.0	25.8	67.7	6.5
23	.0	22.6	71.0	6.5
24	.0	25.8	61.3	12.9
Total	20.6	52.4	24.3	2.7

Antall obs : 744
 Manglende obs: 0

c)

Stasjon : AAS
 Parameter: Temperatur differanse (DT)
 Enhet : Grader C
 Periode : 01.08.87 - 31.08.87

Time	Klasser			
	I	II	III	IV
01	.0	77.4	19.4	3.2
02	.0	80.6	16.1	3.2
03	.0	74.2	25.8	.0
04	.0	74.2	25.8	.0
05	.0	71.0	29.0	.0
06	.0	87.1	12.9	.0
07	.0	96.8	3.2	.0
08	22.6	77.4	.0	.0
09	38.7	61.3	.0	.0
10	54.8	45.2	.0	.0
11	48.4	51.6	.0	.0
12	64.5	35.5	.0	.0
13	51.6	48.4	.0	.0
14	48.4	51.6	.0	.0
15	45.2	54.8	.0	.0
16	19.4	80.6	.0	.0
17	9.7	90.3	.0	.0
18	9.7	90.3	.0	.0
19	3.2	96.8	.0	.0
20	.0	80.6	19.4	.0
21	.0	61.3	38.7	.0
22	.0	51.6	48.4	.0
23	.0	58.1	38.7	3.2
24	.0	67.7	29.0	3.2
Total	17.3	69.4	12.8	.5

Antall obs : 744
 Manglende obs: 0

Tabell A9: Frekvens (i %) av vind og stabilitet på Ås:
 a) juni 1987 b) juli 1987 c) august 1987

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

Vindstille: U mindre eller lik .2 m/s

a)

FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.06.87 - 30.06.87

Enhet : Prosent

Vind- retning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				Rose	
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV		
30	.0	1.0	1.1	.1	.0	1.8	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	4.3
60	.0	1.7	.6	.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
90	.0	1.4	1.7	.0	.1	1.9	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	5.4
120	.0	2.6	1.5	.0	1.0	8.3	1.7	.1	.6	2.6	.0	.0	.0	.0	.0	.0	.0	18.5
150	.1	1.7	1.5	.3	.3	7.8	1.4	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	16.2
180	.1	1.0	.6	.0	.3	2.9	.7	.0	.1	1.7	.0	.0	.3	.1	.0	.0	.0	7.8
210	.1	.6	.1	.0	.3	2.1	.7	.0	.7	1.5	.0	.0	.1	.0	.0	.0	.0	6.3
240	.1	1.1	.0	.0	.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
270	.3	.7	.1	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
300	.6	2.8	1.8	.1	.3	2.8	3.5	.8	.0	.8	.7	.0	.0	.0	.8	.0	.0	15.0
330	.3	1.1	1.7	.6	.1	1.2	1.7	.4	.0	1.1	.7	.0	.0	.0	.1	.0	.0	9.0
360	.0	1.2	2.1	.3	.0	1.8	1.5	.0	.0	1.9	.7	.0	.0	.0	.0	.0	.0	9.6
Stille	.0	.1	.3	.0														.4
Total	1.7	16.9	13.1	1.5	3.2	32.2	11.8	1.4	1.4	13.2	2.1	.0	.4	.1	1.0	.0	.0	100.0

Forekomst 33.2 % 48.6 % 16.7 % 1.5 % 100.0 %
 Vindstyrke 1.3 m/s 2.9 m/s 4.6 m/s 6.4 m/s 2.7 m/s

Fordeling på stabilitetsklasser

Klasse I Klasse II Klasse III Klasse IV
 Forekomst 6.7 % 62.5 % 27.9 % 2.9 % 100.0 %

Antall obs. : 720
 Manglende obs.: 0

b) FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.07.87 - 31.07.87

Enhet : Prosent

Vind- retning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				Rose	
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV		
30	.4	1.1	.7	.0	.5	1.7	.5	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	5.5
60	.0	.1	.1	.0	.5	1.3	1.7	.0	.1	2.0	.4	.0	.1	.9	.0	.0	.0	7.5
90	.3	.7	.5	.0	.1	.9	.9	.0	.1	2.0	.5	.0	.8	.5	.0	.0	.0	7.5
120	.9	1.6	.8	.3	1.9	4.8	1.7	.0	.1	.9	.1	.0	.0	.0	.0	.0	.0	13.3
150	.5	1.1	.9	.0	1.2	3.8	.4	.0	.1	1.3	.0	.0	.0	.0	.0	.0	.0	9.4
180	.5	.3	.5	.0	1.1	2.8	.3	.1	.5	1.1	.0	.0	.1	.0	.0	.0	.0	7.4
210	.4	.5	.4	.1	1.2	.7	.7	.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	5.0
240	.4	.0	.4	.0	.4	.4	.3	.0	.4	.5	.0	.0	.1	.0	.0	.0	.0	3.0
270	.9	.7	.7	.3	.4	.5	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	4.0
300	.9	1.6	1.9	.1	1.6	5.0	3.5	.1	1.3	1.5	.3	.0	.0	.0	.0	.0	.0	17.9
330	.1	1.2	1.2	.5	.4	3.8	2.6	.8	.3	.8	.4	.0	.0	.0	.0	.0	.0	12.1
360	.1	.8	.5	.1	.5	3.4	.8	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	6.9
Stille	.0	.3	.3	.0														.5
Total	5.6	9.9	9.0	1.5	9.9	29.2	13.6	1.2	3.8	11.8	1.7	.0	1.2	1.5	.0	.0	.0	100.0

Forekomst 26.1 % 53.9 % 17.3 % 2.7 % 100.0 %
Vindstyrke 1.3 m/s 3.0 m/s 4.7 m/s 6.9 m/s 3.0 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	20.6 %	52.4 %	24.3 %	2.7 %	100.0 %

Antall obs. : 744

Manglende obs.: 0

c) FREKVENSFORDELING SOM FUNKSJON AV VINDRETNING, VINDSTYRKE OG STABILITET

Periode : 01.08.87 - 31.08.87

Enhet : Prosent

Vind- retning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				Rose	
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV		
30	.0	.8	.4	.0	.4	6.9	.4	.0	.3	2.6	.0	.0	.0	.0	.0	.0	.0	11.7
60	.1	.8	.3	.0	.3	1.9	.1	.0	.1	.3	.0	.0	.0	.1	.0	.0	.0	4.0
90	.3	1.7	.5	.0	.1	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
120	.3	1.2	.3	.0	1.6	1.7	.8	.1	.8	.7	.0	.0	.0	.0	.0	.0	.0	7.5
150	.8	1.6	.4	.0	.8	4.2	.1	.0	.1	.8	.0	.0	.0	.1	.0	.0	.0	9.0
180	.9	2.2	.0	.0	.5	3.9	.0	.0	.8	1.2	.0	.0	.0	.1	.0	.0	.0	9.7
210	.4	1.1	.1	.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
240	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
270	1.2	.7	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7
300	1.3	1.3	.3	.0	2.7	6.6	3.4	.1	.9	1.1	.0	.0	.0	.0	.0	.0	.0	17.7
330	.0	1.9	.4	.0	.5	7.0	2.8	.3	.4	.9	.0	.0	.0	.0	.0	.0	.0	14.2
360	.1	3.4	.5	.0	.1	8.9	.5	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	15.6
Stille	.0	.1	.1	.0														.3
Total	6.0	17.2	4.0	.0	7.8	42.2	8.7	.5	3.5	9.5	.0	.0	.0	.4	.0	.0	.0	100.0

Forekomst 27.3 % 59.3 % 13.0 % .4 % 100.0 %
Vindstyrke 1.3 m/s 2.9 m/s 4.6 m/s 6.2 m/s 2.7 m/s

Fordeling på stabilitetsklasser

	Klasse I	Klasse II	Klasse III	Klasse IV	
Forekomst	17.3 %	69.4 %	12.8 %	.5 %	100.0 %

Antall obs. : 744

Manglende obs.: 0

Tabell A10: Horizontal turbulens som funksjon av vindretning, fire vindstyrkeklasser og fire stabilitetsklasser for Ås sommeren 1987.

a) sigma kort

b) sigma kort + lang

a)

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

SIGK : AAS
 Periode : 01.06.87 - 31.08.87
 Enhet : GRADER

Vindretning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				Rose
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
30	41.5	19.8	17.4	8.1	26.5	17.2	9.1	-	18.6	17.0	-	-	-	-	-	-	18.0
60	58.6	18.1	12.8	18.3	21.7	18.2	15.7	-	18.0	18.3	15.5	-	20.1	17.0	-	-	17.9
90	41.5	23.2	8.8	-	28.1	15.2	10.3	-	17.7	15.0	13.5	-	17.1	16.5	-	-	16.8
120	44.7	23.0	17.5	7.8	21.6	13.3	7.6	4.3	12.7	11.8	11.2	-	-	-	-	-	15.9
150	39.9	21.6	16.0	10.0	19.7	15.2	10.7	-	17.0	15.7	-	-	-	15.5	-	-	17.3
180	36.5	22.0	22.4	-	27.4	16.4	13.7	8.3	17.8	16.5	-	-	16.6	16.4	-	-	19.5
210	43.6	26.9	32.0	15.7	23.9	18.4	15.5	10.9	16.8	16.5	-	-	15.5	-	-	-	22.2
240	29.6	31.3	29.0	-	21.4	20.9	15.4	-	20.8	18.7	-	-	21.1	-	-	-	25.3
270	30.1	37.8	19.8	24.7	17.8	28.4	14.6	-	21.0	-	-	-	-	-	-	-	26.8
300	22.5	20.5	16.1	7.1	13.4	10.6	8.4	4.0	13.4	11.6	9.8	-	-	-	10.9	-	12.7
330	37.0	15.5	15.3	6.2	20.5	10.8	7.4	5.3	15.9	14.1	10.6	-	-	-	12.7	-	11.7
360	38.0	21.1	18.6	29.5	35.4	13.9	10.2	-	-	14.2	11.2	-	-	-	-	-	16.1
Stille	.0	44.0	48.7	.0													46.6
Middel	34.1	22.4	17.7	12.7	20.8	14.3	9.5	5.1	15.8	14.9	11.5	-	17.4	16.7	11.2	-	16.6

Konsentr. 22.5 13.9 14.8 15.8

Middelverdi for ulike stabilitetsklasser

 Klasse I Klasse II Klasse III Klasse IV

Konsentr. 23.7 16.4 12.9 8.8

Antall obs. : 2208
 Manglende obs.: 0

b)

BELASTNING SOM FUNKSJON AV VINDRETNING OG STABILITET

SIGKL : AAS
 Periode : 01.06.87 - 31.08.87
 Enhet : GRADER

Vindretning	.0- 2.0 m/s				2.0- 4.0 m/s				4.0- 6.0 m/s				over 6.0 m/s				Rose
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
30	61.7	25.2	30.5	15.1	33.7	19.1	11.8	-	18.9	18.3	-	-	-	-	-	-	22.0
60	66.0	26.9	24.0	26.0	23.9	22.3	20.7	-	20.6	18.7	16.0	-	20.9	17.5	-	-	22.4
90	56.9	33.5	20.3	-	33.2	18.7	13.2	-	18.2	16.0	14.6	-	18.1	17.2	-	-	22.9
120	59.4	31.8	28.7	13.5	29.5	15.4	9.7	8.8	13.5	13.1	13.8	-	-	-	-	-	20.5
150	54.2	27.9	23.9	15.6	23.5	17.3	13.1	-	18.3	17.2	-	-	-	16.1	-	-	20.9
180	46.7	29.2	35.8	-	33.4	18.3	18.1	16.6	19.4	17.7	-	-	17.2	16.8	-	-	23.5
210	61.1	39.0	47.5	27.7	29.4	21.2	18.3	13.0	18.3	17.3	-	-	17.2	-	-	-	28.2
240	34.4	44.8	57.8	-	22.5	25.7	17.4	-	23.6	19.1	-	-	21.4	-	-	-	33.9
270	39.0	51.4	32.6	48.5	21.2	39.7	24.2	-	26.4	-	-	-	-	-	-	-	37.0
300	27.1	31.0	31.5	10.2	15.1	13.8	11.4	7.8	14.0	12.2	11.3	-	-	-	11.1	-	17.2
330	40.0	22.5	29.4	13.4	26.9	14.2	10.1	8.7	18.8	18.0	12.0	-	-	-	12.8	-	16.5
360	43.9	32.5	30.9	50.0	42.4	16.7	13.9	-	-	15.1	12.7	-	-	-	-	-	21.4
Stille	.0	72.3	83.9	.0													78.7
Middel	44.0	31.9	31.4	22.8	25.6	16.9	12.6	8.9	17.3	16.2	12.8	-	18.3	17.2	11.4	-	21.6

Konsentr. 33.3 17.0 16.1 16.4

Middelverdi for ulike stabilitetsklasser

 Klasse I Klasse II Klasse III Klasse IV

Konsentr. 29.3 20.4 20.1 15.7

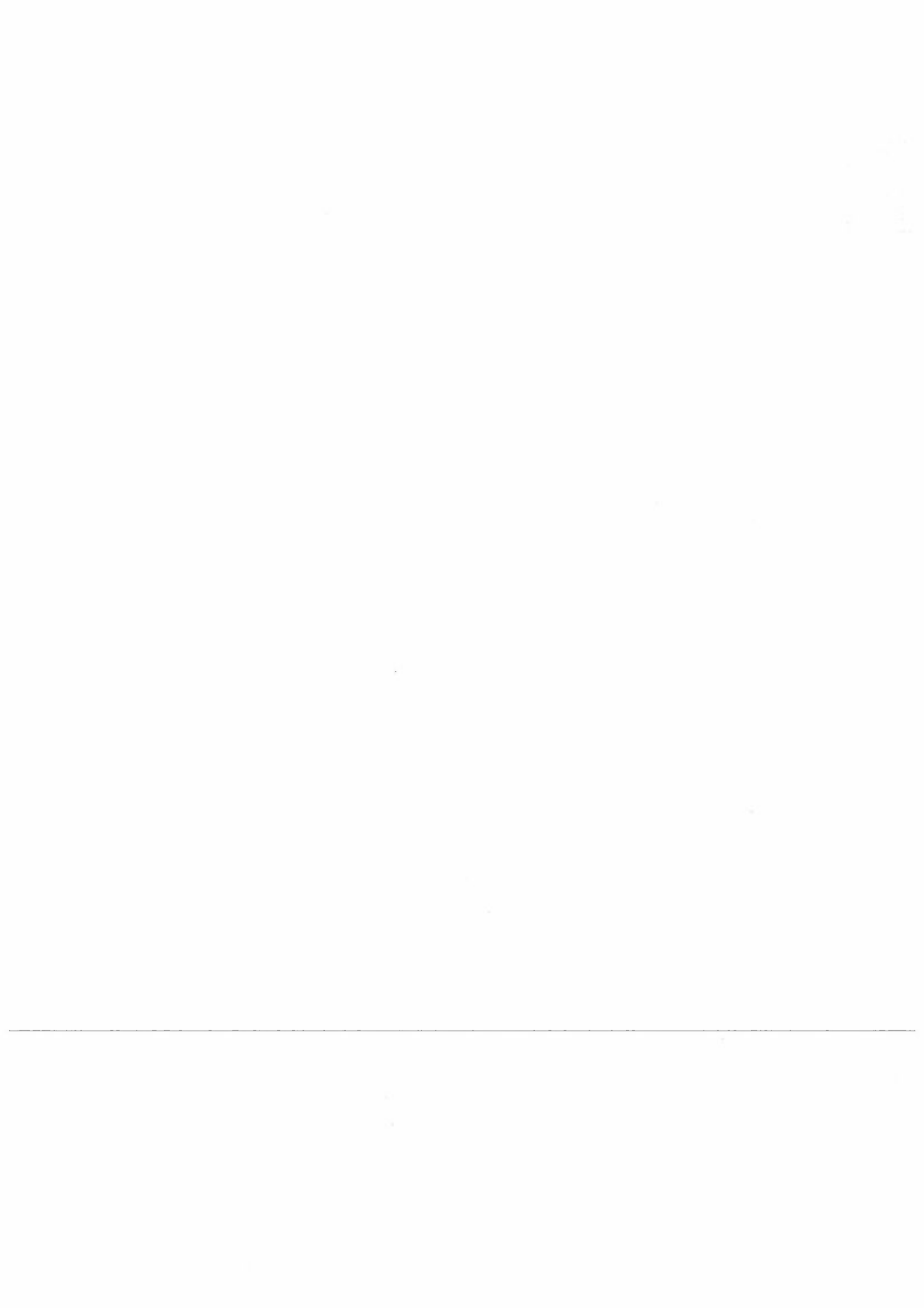
Antall obs. : 2208
 Manglende obs.: 0

VEDLEGG B

Grafisk fremstilling av tidsforløpet av:

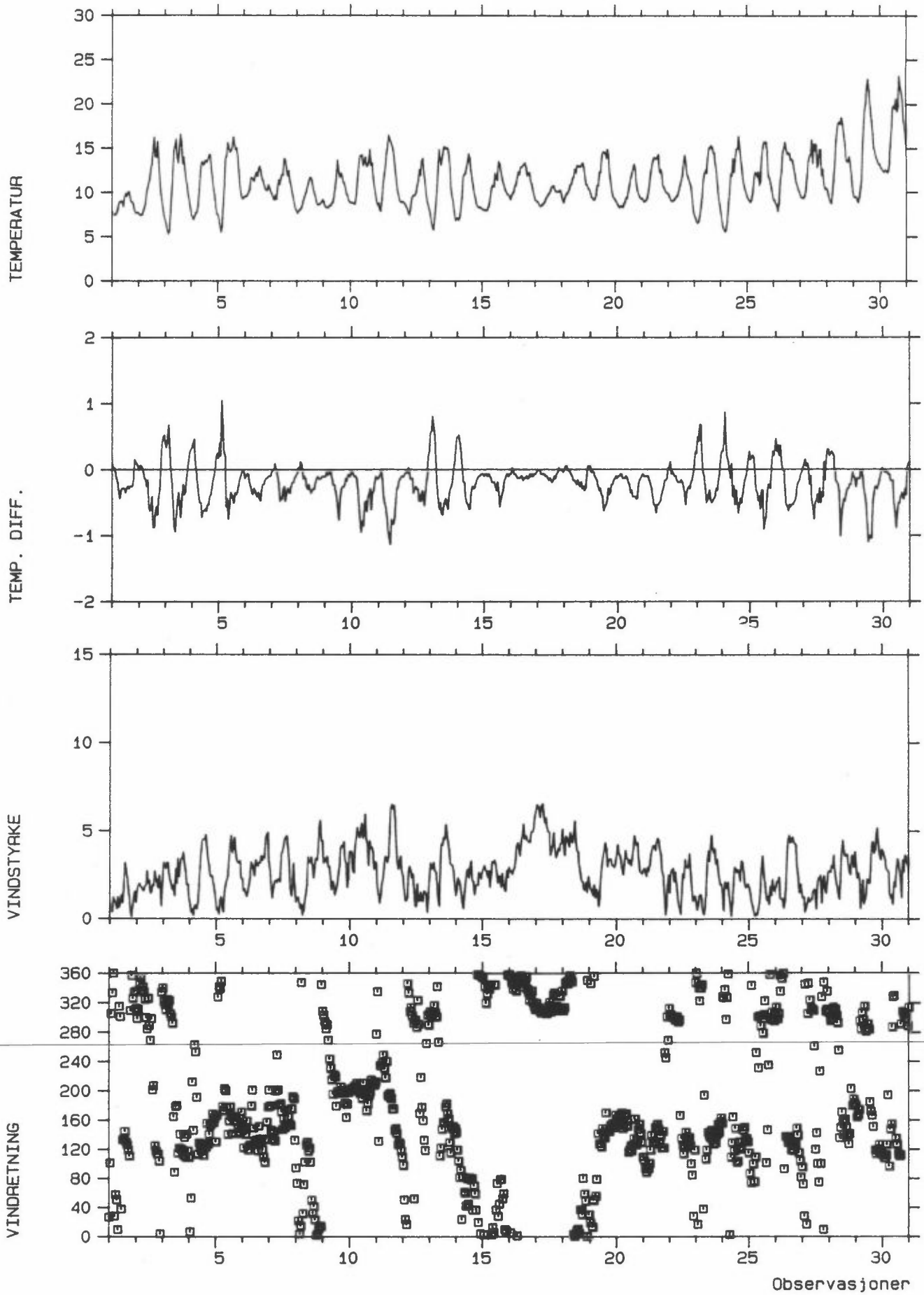
Temperatur (2 m) ($^{\circ}\text{C}$)
Temperatur differanse (25-10 m) ($^{\circ}\text{C}$)
Vindhastighet (25 m) (m/s)
Vindretning (25 m) (grader)

for månedene juni, juli og august 1987 ved Ås.

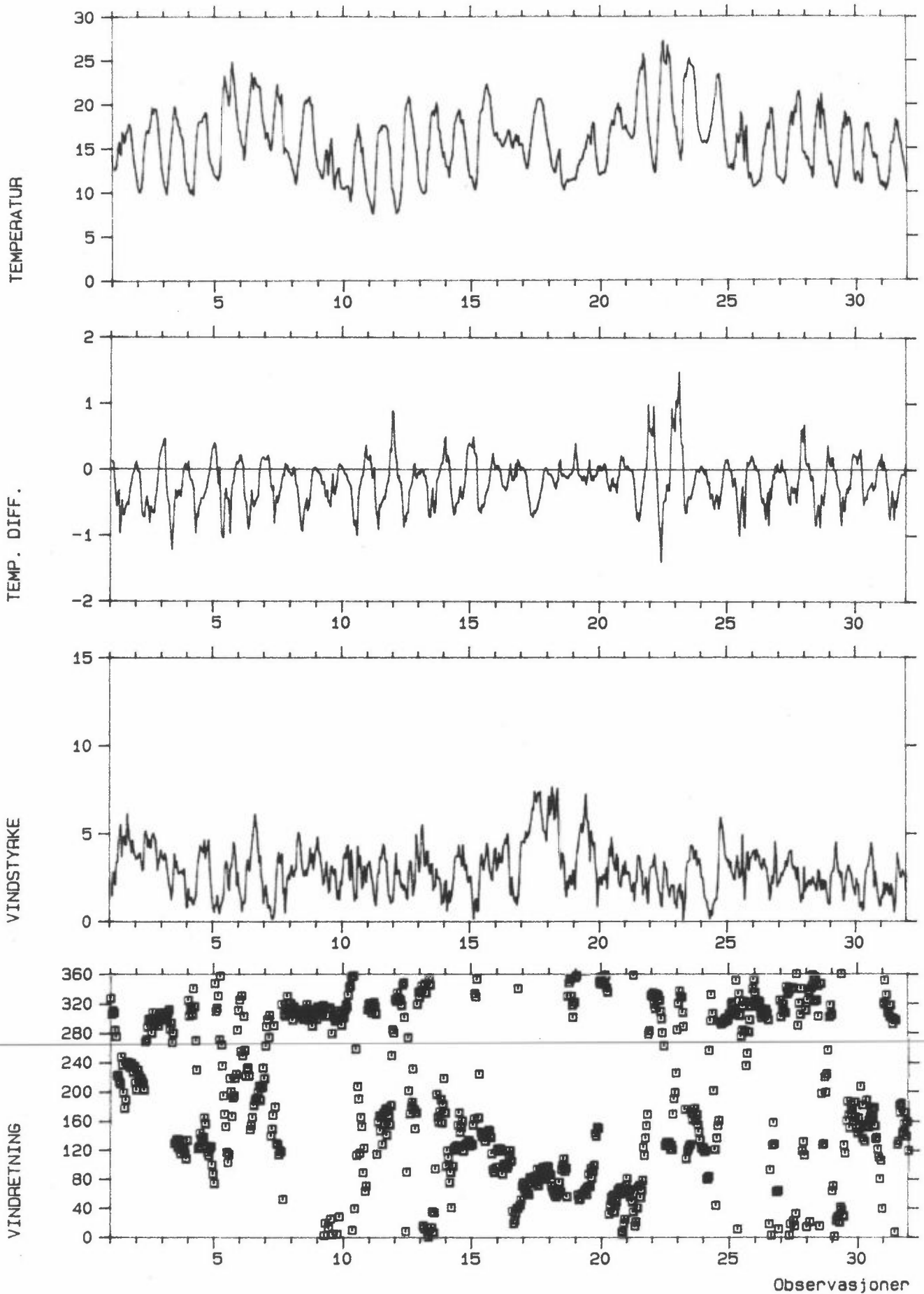


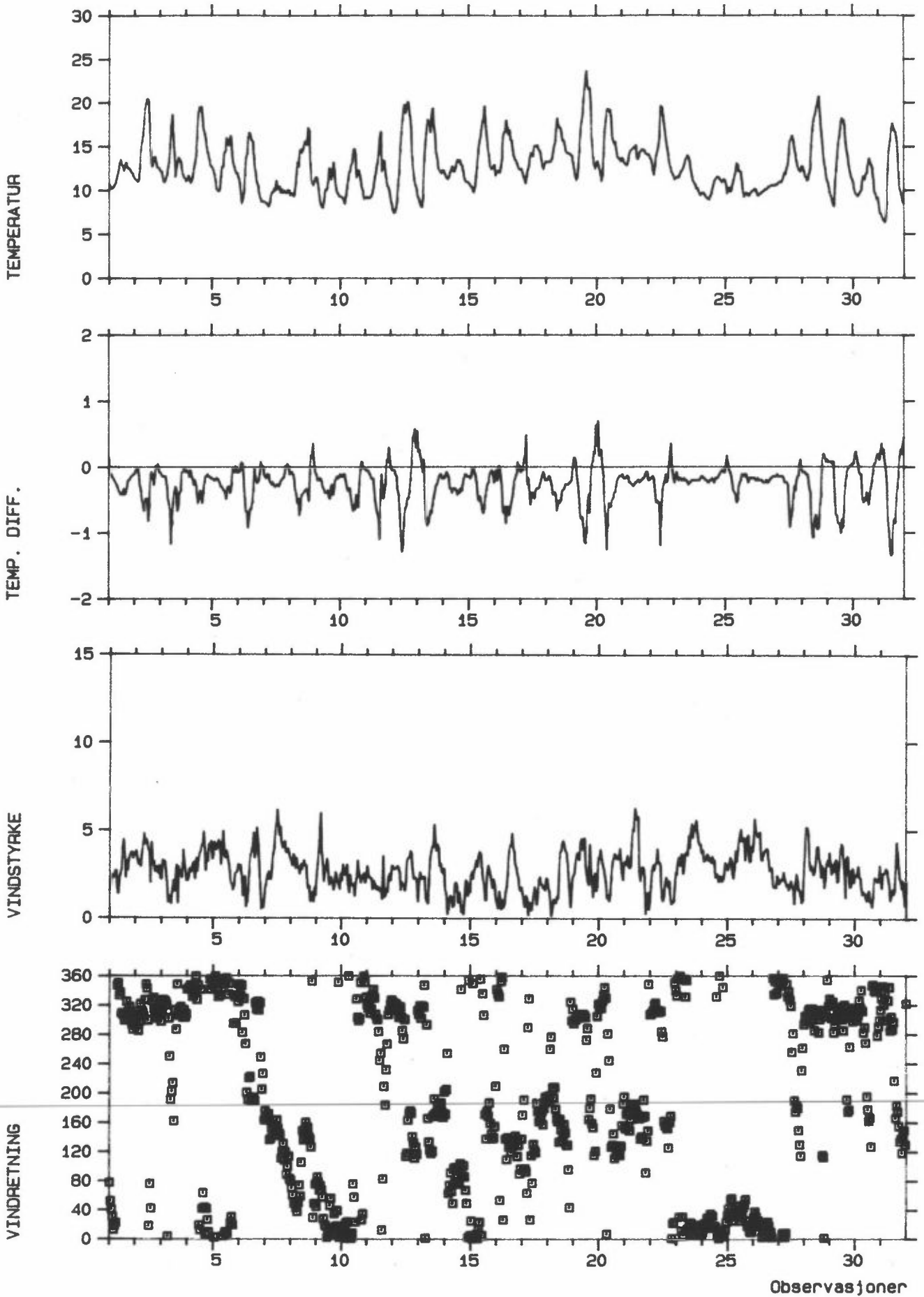
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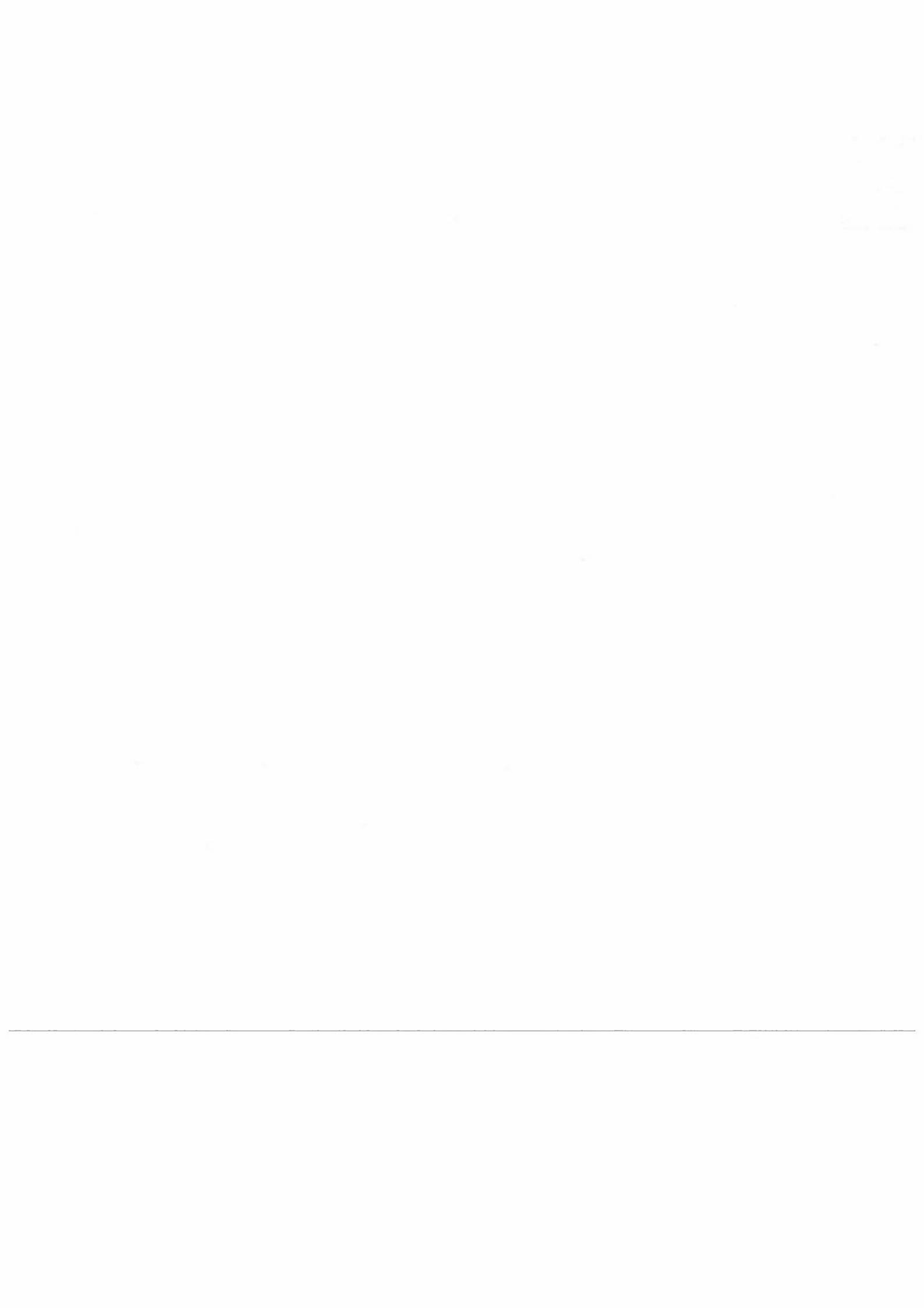
Måned : JUNI 1987



Stasjon: AS
Måned : JULI 1987



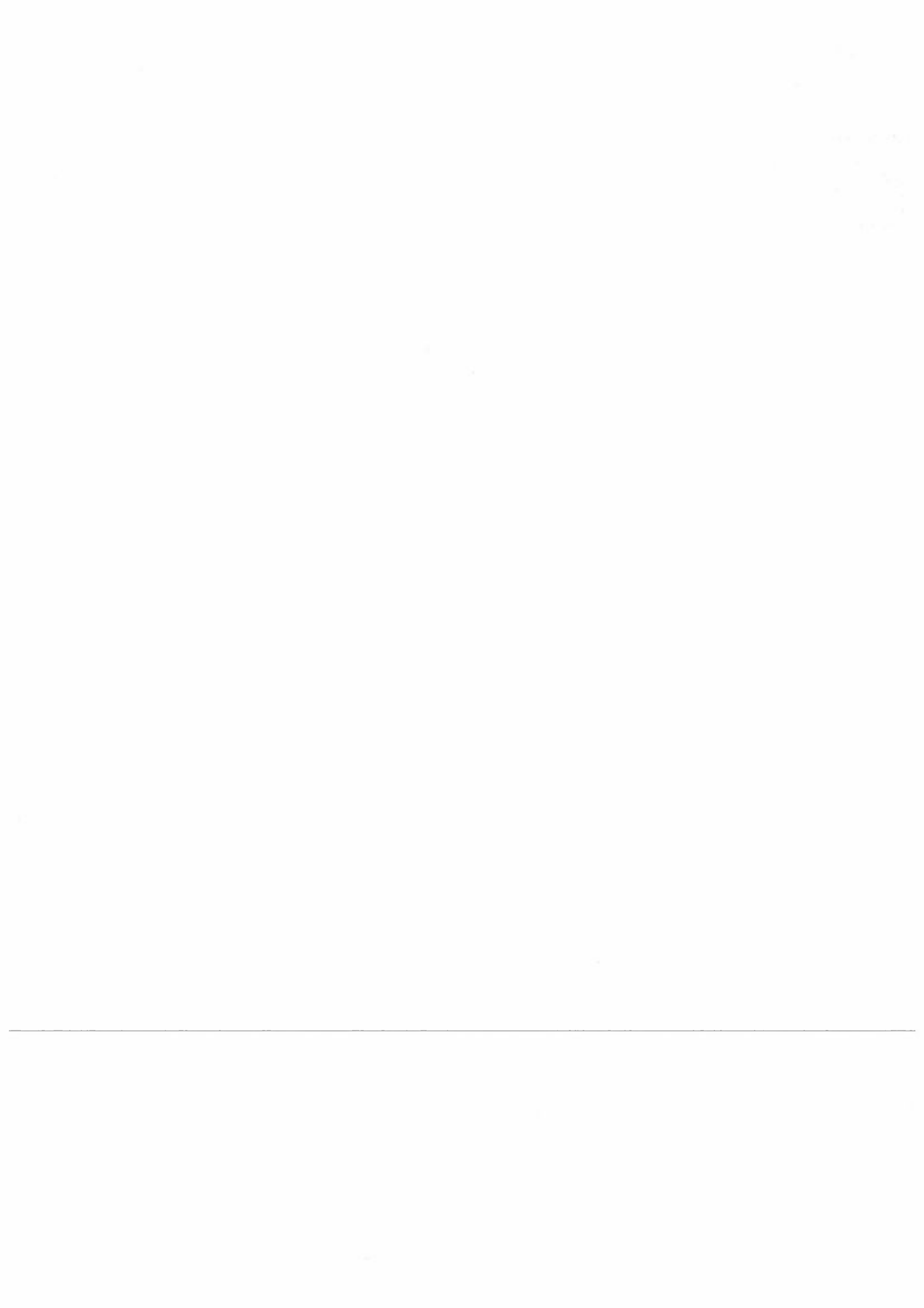




VEDLEGG C

Liste over timesmidlede meteorologiske data
fra Ås.

Sommeren 1987 (1.6.87-31.8.87).



		DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
1	6 87 1	27.	.8	1.8	1.8	7.8	23.2	8.5	8.3	.19	.96
1	6 87 2	101.	.7	1.2	1.0	6.3	31.5	8.4	8.2	.12	.96
1	6 87 3	305.	.4	1.0	.8	15.3	90.2	8.1	8.1	.12	.96
1	6 87 4	333.	1.2	1.8	1.8	5.4	14.6	7.9	8.0	.06	.97
1	6 87 5	0.	1.0	2.0	1.8	7.2	10.3	8.0	8.2	-.03	.97
1	6 87 6	28.	.9	2.2	2.0	18.2	20.7	8.3	8.6	-.09	.95
1	6 87 7	58.	.6	2.0	2.0	26.6	29.1	8.9	9.3	-.25	.94
1	6 87 8	51.	1.3	3.2	3.0	19.1	19.9	9.0	9.4	-.34	.92
1	6 87 9	10.	.7	2.2	2.0	31.7	36.2	9.0	9.5	-.22	.93
1	6 87 10	315.	.9	2.0	1.8	25.5	29.0	9.0	9.5	-.19	.95
1	6 87 11	301.	1.4	2.2	2.0	6.6	10.9	8.6	8.9	-.19	.96
1	6 87 12	38.	.9	2.0	1.8	21.3	40.9	9.5	10.0	-.19	.96
1	6 87 13	134.	1.7	4.4	4.2	20.0	32.2	9.9	10.4	-.25	.95
1	6 87 14	135.	3.2	6.6	5.6	12.7	13.4	9.7	10.1	-.19	.96
1	6 87 15	145.	2.9	6.4	6.0	15.5	16.7	9.8	10.5	-.16	.93
1	6 87 16	131.	2.4	4.4	4.0	16.0	16.9	10.0	10.6	-.19	.90
1	6 87 17	127.	1.8	3.2	3.0	16.3	21.6	9.6	10.0	-.16	.88
1	6 87 18	120.	1.3	2.2	2.0	9.3	10.3	9.2	9.5	-.16	.90
1	6 87 19	111.	.4	1.2	1.0	21.4	23.1	9.2	9.4	-.16	.91
1	6 87 20	309.	.1	.8	.6	39.5	88.3	9.1	9.2	-.06	.95
1	6 87 21	357.	.7	1.4	1.2	3.4	17.6	8.6	8.5	.25	.96
1	6 87 22	326.	1.3	2.0	2.0	5.3	15.8	8.5	8.2	.22	.96
1	6 87 23	335.	1.6	2.4	2.2	6.0	13.0	8.2	8.2	.19	.95
1	6 87 24	336.	1.0	2.6	2.4	11.2	20.3	8.2	8.3	.16	.96
2	6 87 1	312.	1.6	2.2	2.2	5.1	14.0	8.1	8.2	.09	.97
2	6 87 2	298.	1.9	2.4	2.2	4.0	8.6	7.9	8.0	.16	.97
2	6 87 3	311.	2.0	3.0	2.8	4.2	5.6	7.9	8.0	.16	.97
2	6 87 4	347.	1.9	2.8	2.8	8.0	17.0	7.9	8.0	.12	.97
2	6 87 5	354.	1.8	3.4	3.0	7.6	8.2	8.3	8.4	.06	.94
2	6 87 6	337.	1.6	3.0	2.8	8.2	9.8	8.6	8.7	-.03	.94
2	6 87 7	342.	1.6	3.6	3.4	12.0	13.0	8.9	9.2	-.06	.94
2	6 87 8	335.	1.9	3.8	3.6	16.8	22.5	9.7	10.4	-.16	.91
2	6 87 9	325.	1.9	4.2	4.0	16.3	19.0	10.4	11.0	-.06	.88
2	6 87 10	299.	2.7	4.6	4.4	12.7	13.5	10.9	11.6	-.47	.88
2	6 87 11	284.	2.0	4.2	3.8	10.8	12.2	11.3	12.0	-.53	.86
2	6 87 12	326.	2.2	4.4	4.0	17.2	22.4	12.3	13.2	-.47	.82
2	6 87 13	288.	1.5	3.4	3.2	33.0	38.6	12.7	13.6	-.31	.78
2	6 87 14	269.	1.5	4.6	4.2	37.1	40.8	14.3	15.3	-.78	.76
2	6 87 15	298.	1.9	4.2	4.2	23.7	29.8	15.4	16.7	-.78	.71
2	6 87 16	201.	1.9	4.8	4.4	20.2	43.0	14.2	14.6	-.56	.77
2	6 87 17	207.	2.7	5.4	5.2	15.7	17.0	13.7	14.5	-.47	.85
2	6 87 18	125.	2.3	5.0	4.4	28.5	37.9	15.1	16.3	-.59	.83
2	6 87 19	118.	2.1	4.2	4.0	9.8	11.3	13.6	14.1	-.31	.90
2	6 87 20	114.	1.8	3.0	2.6	6.3	6.9	12.7	12.6	-.22	.96
2	6 87 21	114.	2.5	3.6	3.4	3.4	5.6	11.1	10.6	.16	.99
2	6 87 22	104.	1.9	2.8	2.8	2.4	10.6	10.4	9.7	.50	.98
2	6 87 23	4.	.8	1.6	1.6	38.2	75.1	10.0	8.8	.59	.98
2	6 87 24	335.	2.2	4.4	4.2	8.6	11.2	8.8	7.9	.62	.96
3	6 87 1	340.	3.2	4.6	4.4	5.1	6.3	8.1	7.5	.50	.95
3	6 87 2	322.	3.1	4.4	4.2	4.4	6.7	7.4	7.0	.43	.94
3	6 87 3	318.	2.9	4.2	4.0	4.4	7.3	6.6	6.2	.56	.94
3	6 87 4	311.	3.2	4.0	3.8	3.4	4.9	6.0	5.9	.78	.93
3	6 87 5	325.	3.2	4.0	3.8	4.7	6.4	6.0	6.1	.43	.94
3	6 87 6	318.	2.5	4.6	4.2	8.2	9.7	7.7	8.3	.09	.92
3	6 87 7	323.	2.2	3.8	3.4	10.5	11.1	9.3	10.2	-.09	.85
3	6 87 8	305.	2.0	3.8	3.4	13.3	16.3	11.5	12.6	-.37	.83
3	6 87 9	301.	1.7	4.0	3.8	23.8	25.7	13.8	15.1	-.78	.79
3	6 87 10	292.	1.9	4.0	3.8	19.6	21.1	14.9	15.8	-.84	.78
3	6 87 11	165.	1.3	4.4	4.2	41.9	59.7	15.7	16.5	-.59	.75
3	6 87 12	89.	2.9	5.4	5.0	21.6	32.6	13.9	14.5	-.40	.84
3	6 87 13	179.	2.0	7.0	6.6	26.0	43.0	13.3	13.8	-.25	.79
3	6 87 14	180.	3.5	7.4	6.8	26.3	33.1	14.5	15.5	-.43	.88
3	6 87 15	115.	2.4	6.0	5.4	25.4	42.6	15.7	17.1	-.62	.80
3	6 87 16	122.	3.1	5.8	5.6	13.1	15.2	15.4	16.3	-.34	.82
3	6 87 17	141.	3.5	6.6	6.2	12.2	13.4	13.4	13.8	-.12	.91
3	6 87 18	121.	3.4	6.0	5.4	11.8	14.8	13.9	14.5	-.28	.90
3	6 87 19	120.	3.8	6.2	5.6	9.8	10.5	13.0	13.3	-.25	.92
3	6 87 20	112.	3.1	5.2	5.0	8.6	11.3	11.9	11.9	-.06	.97
3	6 87 21	136.	2.7	4.6	4.4	8.6	13.0	11.5	11.4	.09	.96
3	6 87 22	110.	2.0	3.4	3.2	9.8	21.3	10.8	10.3	.22	.99
3	6 87 23	141.	2.0	3.4	3.2	6.9	11.8	10.2	9.6	.37	.98
3	6 87 24	118.	1.1	2.4	2.4	9.9	16.2	9.9	8.8	.40	.97

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
4	6 87	1	110.	.9	1.4	1.4	6.3	11.9	9.2	8.0	.43	.96
4	6 87	2	7.	.4	1.4	1.2	39.0	75.0	8.4	7.7	.50	.96
4	6 87	3	53.	.6	1.2	1.0	18.3	26.0	8.1	7.5	.56	.96
4	6 87	4	212.	.2	1.0	.8	44.9	89.1	7.9	7.8	.22	.96
4	6 87	5	146.	.8	2.0	1.8	30.0	37.7	8.0	8.2	.06	.96
4	6 87	6	263.	.8	2.2	2.0	42.0	56.2	8.1	8.3	-.12	.97
4	6 87	7	253.	.6	1.8	1.8	31.9	32.3	8.9	9.0	-.28	.97
4	6 87	8	191.	.9	3.2	2.8	35.5	39.0	10.2	10.7	-.40	.95
4	6 87	9	114.	1.9	4.2	3.8	29.8	39.6	11.4	12.3	-.40	.88
4	6 87	10	129.	2.9	5.6	5.2	19.5	22.3	12.6	13.8	-.62	.86
4	6 87	11	122.	3.9	7.2	6.6	15.4	16.9	12.8	14.0	-.53	.87
4	6 87	12	127.	4.5	7.6	6.8	11.5	11.8	12.6	13.6	-.53	.88
4	6 87	13	118.	4.5	7.6	6.8	11.7	12.2	12.9	13.8	-.50	.88
4	6 87	14	112.	4.5	7.2	6.6	11.8	12.6	13.2	14.2	-.53	.88
4	6 87	15	128.	4.8	7.4	6.8	10.9	12.0	13.0	13.9	-.43	.88
4	6 87	16	124.	4.1	6.8	6.6	12.2	13.6	13.3	14.3	-.43	.87
4	6 87	17	156.	3.4	6.8	6.4	17.9	20.9	13.8	14.7	-.31	.83
4	6 87	18	128.	3.1	6.0	5.6	16.0	23.0	13.8	14.8	-.28	.81
4	6 87	19	141.	2.4	4.4	4.0	14.3	15.2	12.9	13.3	-.19	.84
4	6 87	20	153.	2.5	4.4	4.2	13.0	13.9	12.1	12.2	-.06	.87
4	6 87	21	156.	2.4	4.6	4.2	12.5	12.8	11.1	11.0	.00	.94
4	6 87	22	169.	2.0	4.0	3.8	11.4	14.1	10.6	10.2	.12	.96
4	6 87	23	157.	1.6	2.6	2.4	9.7	10.4	10.3	9.2	.31	.97
4	6 87	24	163.	1.1	2.0	1.8	9.3	14.3	10.0	8.2	.34	.96
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5	6 87	1	131.	.5	1.2	1.2	9.9	18.3	9.7	8.0	.28	.96
5	6 87	2	167.	.6	2.0	1.8	15.1	26.5	8.7	7.5	.50	.96
5	6 87	3	328.	.3	1.2	1.0	23.5	70.7	8.1	6.8	.31	.95
5	6 87	4	342.	1.1	2.4	2.4	11.7	13.0	6.9	6.0	1.15	.94
5	6 87	5	339.	1.3	2.4	2.2	4.7	6.3	7.3	6.7	.78	.95
5	6 87	6	349.	.7	1.8	1.6	11.9	13.7	8.8	9.3	.37	.97
5	6 87	7	179.	.4	2.4	2.4	44.6	106.4	10.8	11.5	.31	.94
5	6 87	8	173.	1.6	3.8	3.6	25.8	26.9	13.2	14.4	-.47	.89
5	6 87	9	202.	1.9	4.4	4.0	20.8	25.9	13.8	14.7	-.34	.85
5	6 87	10	200.	2.2	4.6	4.4	20.9	22.8	14.9	16.1	-.65	.79
5	6 87	11	177.	2.4	5.0	4.8	20.0	21.3	14.7	15.5	-.47	.83
5	6 87	12	141.	3.4	6.8	6.2	16.7	20.0	14.3	15.1	-.25	.87
5	6 87	13	159.	4.3	7.8	7.8	15.8	18.7	14.3	15.2	-.28	.88
5	6 87	14	179.	4.7	8.4	8.0	17.3	20.5	14.5	15.6	-.34	.88
5	6 87	15	166.	3.8	7.4	7.2	19.6	20.8	15.3	16.8	-.40	.87
5	6 87	16	142.	4.1	8.2	7.4	16.0	18.8	14.9	16.0	-.25	.88
5	6 87	17	165.	4.6	7.8	7.2	15.7	16.6	14.3	15.4	-.28	.92
5	6 87	18	159.	3.8	8.4	7.8	19.8	21.6	14.3	15.5	-.25	.91
5	6 87	19	165.	3.4	7.2	7.0	17.4	18.7	13.8	14.7	-.16	.90
5	6 87	20	157.	3.2	5.2	5.0	13.6	14.5	12.8	13.1	-.06	.91
5	6 87	21	149.	3.3	6.6	6.4	14.3	14.9	11.3	11.2	.00	.94
5	6 87	22	143.	3.3	6.4	6.2	11.5	12.6	10.6	10.4	.06	.96
5	6 87	23	142.	2.3	4.6	4.4	11.0	11.7	10.1	9.9	.09	.98
5	6 87	24	172.	2.3	4.2	4.0	14.1	18.2	9.9	9.9	.06	.97
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6	6 87	1	153.	1.6	4.0	3.8	19.5	23.3	9.9	10.0	-.03	.97
6	6 87	2	122.	1.7	4.4	4.0	15.8	18.0	10.0	10.1	.00	.96
6	6 87	3	148.	1.5	3.4	3.0	12.3	15.3	10.1	10.1	.03	.96
6	6 87	4	141.	1.3	2.6	2.4	14.2	16.3	10.3	10.3	.03	.97
6	6 87	5	159.	1.5	3.0	2.8	16.1	20.6	10.3	10.5	-.09	.97
6	6 87	6	120.	1.9	3.2	3.0	16.3	23.9	10.6	10.9	-.16	.95
6	6 87	7	125.	2.3	4.6	4.4	15.3	16.6	11.4	12.1	-.25	.92
6	6 87	8	127.	3.3	5.6	5.2	12.4	14.2	11.5	12.2	-.28	.90
6	6 87	9	180.	3.1	5.4	5.0	16.4	20.8	11.4	12.0	-.19	.84
6	6 87	10	201.	2.8	5.4	5.0	14.3	16.2	11.3	11.8	-.22	.82
6	6 87	11	149.	2.5	5.4	4.8	18.3	23.7	11.7	12.4	-.28	.83
6	6 87	12	131.	3.4	6.2	5.8	16.0	16.8	12.1	12.7	-.31	.85
6	6 87	13	127.	3.2	5.6	5.2	13.2	14.9	11.8	12.4	-.25	.87
6	6 87	14	132.	3.0	5.4	5.0	15.3	16.2	12.3	13.1	-.34	.88
6	6 87	15	118.	3.2	5.2	4.8	15.8	17.7	12.6	13.4	-.37	.88
6	6 87	16	152.	3.2	5.4	5.0	12.4	16.3	12.4	12.9	-.22	.87
6	6 87	17	134.	3.6	6.6	6.2	13.9	15.1	11.9	12.2	-.12	.88
6	6 87	18	131.	3.4	6.4	6.0	12.5	13.2	11.5	11.9	-.12	.94
6	6 87	19	120.	3.6	6.0	5.6	11.0	13.3	11.2	11.4	-.06	.97
6	6 87	20	110.	3.5	6.2	5.6	10.8	11.5	10.8	11.0	-.03	1.00
6	6 87	21	103.	4.5	9.0	8.6	10.5	13.8	10.7	10.8	-.03	1.00
6	6 87	22	134.	4.8	10.4	9.4	14.3	20.2	10.7	10.8	.00	1.00
6	6 87	23	157.	4.9	10.4	9.8	14.2	15.7	11.3	11.3	.00	1.00
6	6 87	24	179.	3.3	9.8	9.0	13.5	15.1	11.0	11.0	.00	.98

				DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
7	6	87	1	201.	2.8	5.8	5.4	11.1	12.7	10.6	10.6	.06	.98
7	6	87	2	180.	1.9	3.2	3.0	10.9	14.5	10.3	10.4	.09	.98
7	6	87	3	146.	1.2	2.8	2.6	19.3	29.6	10.2	10.0	.09	.98
7	6	87	4	134.	1.8	3.8	3.6	9.7	15.0	10.0	9.7	.19	.98
7	6	87	5	145.	2.1	3.8	3.6	11.5	15.5	10.1	10.2	.09	.99
7	6	87	6	132.	2.2	4.4	4.0	12.3	17.8	9.6	9.8	.00	.97
7	6	87	7	200.	2.1	6.2	5.8	15.6	31.2	10.4	10.9	-.09	.97
7	6	87	8	249.	2.3	5.2	4.6	22.4	31.2	11.4	11.9	-.37	.92
7	6	87	9	201.	2.3	5.2	5.0	23.6	41.4	11.1	11.5	-.31	.92
7	6	87	10	181.	2.1	5.6	4.6	19.8	20.9	11.4	12.0	-.34	.92
7	6	87	11	183.	3.7	10.0	9.0	17.0	19.1	11.9	12.5	-.19	.91
7	6	87	12	172.	3.8	7.8	7.6	16.3	18.5	11.9	12.5	-.16	.92
7	6	87	13	148.	4.1	8.4	8.0	20.9	22.5	13.2	14.3	-.37	.87
7	6	87	14	162.	4.6	9.0	8.2	16.6	17.4	13.2	14.2	-.25	.87
7	6	87	15	150.	4.7	8.8	8.2	16.0	17.5	12.6	13.3	-.19	.90
7	6	87	16	153.	4.8	9.0	8.6	15.1	17.0	12.0	12.4	-.19	.95
7	6	87	17	174.	4.1	9.2	8.4	17.4	18.7	12.2	13.0	-.25	.90
7	6	87	18	165.	3.3	5.8	5.4	17.7	18.8	11.4	11.8	-.16	.91
7	6	87	19	155.	1.8	4.8	4.4	18.2	19.9	11.1	11.5	-.09	.94
7	6	87	20	153.	1.3	2.6	2.6	15.7	16.4	10.5	10.7	-.09	.98
7	6	87	21	176.	1.9	4.0	4.0	13.2	15.3	9.9	10.1	-.03	.99
7	6	87	22	193.	3.2	7.6	7.2	12.3	15.7	9.3	9.4	.00	.97
7	6	87	23	190.	1.9	4.0	3.6	15.3	15.6	8.7	8.7	.03	.96
7	6	87	24	132.	1.0	2.4	2.2	17.7	33.2	8.5	8.5	.06	.96
8	6	87	1	94.	1.2	2.0	1.8	7.8	16.4	8.4	8.2	.12	.97
8	6	87	2	73.	1.2	1.6	1.6	3.7	14.3	8.4	8.4	.09	.97
8	6	87	3	22.	.9	1.4	1.2	4.2	21.0	8.5	8.5	.22	.97
8	6	87	4	4.	.6	1.2	1.2	5.8	16.9	8.6	8.7	.19	.97
8	6	87	5	15.	.8	2.0	1.6	13.6	21.2	8.7	8.9	-.03	.97
8	6	87	6	347.	.3	1.0	.8	55.8	100.2	9.1	9.4	.00	.97
8	6	87	7	32.	.5	1.8	1.6	30.8	40.4	9.4	9.9	-.03	.97
8	6	87	8	72.	1.0	2.4	2.2	21.2	24.1	9.9	10.3	-.16	.97
8	6	87	9	103.	1.4	2.8	2.6	14.3	18.2	10.2	10.6	-.19	.98
8	6	87	10	127.	1.9	4.6	4.2	14.7	17.7	10.8	11.2	-.12	.98
8	6	87	11	131.	3.5	5.6	5.4	12.3	13.3	11.1	11.6	-.19	.96
8	6	87	12	118.	3.3	5.8	5.6	11.5	12.7	11.5	12.1	-.25	.94
8	6	87	13	122.	3.3	5.6	5.4	11.2	11.5	11.8	12.2	-.22	.93
8	6	87	14	103.	3.5	6.2	5.8	10.3	12.3	11.6	11.9	-.19	.91
8	6	87	15	51.	3.1	5.6	5.2	13.2	22.7	11.0	11.2	-.19	.94
8	6	87	16	32.	2.4	5.0	4.8	14.1	18.8	10.4	10.6	-.09	.96
8	6	87	17	42.	2.9	7.2	6.8	16.5	19.4	10.1	10.2	-.03	.97
8	6	87	18	24.	3.5	7.8	7.6	16.0	17.3	9.6	9.6	.00	.95
8	6	87	19	3.	3.4	8.0	7.2	16.8	18.9	9.1	9.2	-.03	.95
8	6	87	20	4.	3.7	7.8	7.4	11.4	11.8	9.1	9.2	-.03	.96
8	6	87	21	11.	5.2	11.0	10.2	13.2	13.4	9.2	9.2	-.03	.96
8	6	87	22	14.	5.6	11.6	11.0	13.8	14.1	9.3	9.3	.00	.96
8	6	87	23	15.	4.4	9.0	8.8	15.6	15.9	9.5	9.5	.00	.96
8	6	87	24	344.	4.5	11.8	10.4	13.5	16.9	9.7	9.7	.00	.94
9	6	87	1	308.	3.2	6.4	5.8	10.1	17.1	9.5	9.5	.00	.95
9	6	87	2	302.	3.5	5.0	4.8	5.4	6.3	8.9	9.0	.06	.96
9	6	87	3	294.	3.3	5.2	5.0	8.1	8.4	8.9	8.9	.03	.97
9	6	87	4	284.	3.6	5.4	5.2	7.6	8.6	8.7	8.8	.03	.97
9	6	87	5	290.	3.0	4.4	4.2	8.6	8.9	8.8	8.8	.09	.96
9	6	87	6	269.	3.0	5.2	4.8	7.8	9.5	9.0	9.1	.06	.95
9	6	87	7	243.	2.4	4.2	4.0	11.5	14.9	8.9	9.1	-.03	.97
9	6	87	8	231.	1.7	3.4	3.2	17.0	17.8	9.1	9.3	-.12	.98
9	6	87	9	215.	2.2	5.4	5.2	16.8	19.5	9.2	9.4	-.12	.98
9	6	87	10	195.	2.0	4.8	4.4	15.8	17.5	9.7	10.0	-.22	.98
9	6	87	11	222.	1.4	3.2	3.0	20.7	23.7	10.6	11.0	-.31	.96
9	6	87	12	219.	1.7	3.8	3.4	22.5	24.2	11.6	12.3	-.50	.93
9	6	87	13	179.	1.9	4.0	3.6	21.7	28.3	13.0	14.2	-.65	.89
9	6	87	14	200.	2.5	6.6	6.2	18.5	19.7	12.3	12.9	-.34	.95
9	6	87	15	197.	3.0	7.6	6.8	18.2	19.4	11.9	12.3	-.19	.99
9	6	87	16	200.	4.0	8.8	8.2	16.5	16.8	12.4	12.7	-.16	.97
9	6	87	17	205.	4.2	8.8	8.6	17.4	17.5	12.2	12.4	-.16	.96
9	6	87	18	198.	4.1	8.8	8.4	16.6	17.1	11.5	11.7	-.12	.96
9	6	87	19	197.	4.4	8.6	8.2	15.8	16.1	11.4	11.6	-.03	.94
9	6	87	20	197.	3.4	9.0	8.6	26.2	26.3	11.0	11.1	-.06	.92
9	6	87	21	183.	3.2	8.2	7.6	21.4	22.2	10.4	10.4	.03	.92
9	6	87	22	163.	1.8	6.0	5.4	37.5	38.9	10.2	10.2	.03	.93
9	6	87	23	181.	2.3	6.2	5.2	27.6	29.3	9.6	9.7	.00	.96
9	6	87	24	198.	3.8	7.2	6.8	15.3	16.1	9.5	9.5	.06	.96

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
10	6	87	1	202.	3.9	8.8	8.0	16.0	16.4	9.4	9.4	.06	.94
10	6	87	2	202.	3.8	7.8	7.6	18.5	18.6	9.4	9.4	.03	.93
10	6	87	3	204.	2.8	6.4	6.2	23.3	23.4	9.4	9.4	.00	.92
10	6	87	4	201.	2.6	6.0	5.6	21.7	21.8	9.3	9.3	.00	.92
10	6	87	5	207.	4.1	9.8	9.2	17.3	17.4	9.2	9.3	-.03	.92
10	6	87	6	204.	4.6	9.0	8.2	16.6	16.7	9.9	10.3	-.19	.90
10	6	87	7	211.	5.2	10.2	9.6	15.8	16.7	11.1	12.0	-.43	.87
10	6	87	8	201.	4.9	11.0	10.0	15.7	16.3	12.4	13.4	-.65	.83
10	6	87	9	200.	4.7	9.8	8.4	16.2	18.3	13.6	14.6	-.84	.80
10	6	87	10	197.	5.0	9.2	8.4	14.9	15.2	13.6	14.7	-.68	.81
10	6	87	11	197.	5.5	10.4	10.0	15.4	15.6	13.7	14.8	-.75	.81
10	6	87	12	190.	4.6	8.2	8.0	15.0	16.0	12.8	13.6	-.40	.86
10	6	87	13	211.	4.8	9.2	8.4	15.7	17.2	13.2	13.9	-.37	.85
10	6	87	14	201.	6.0	10.8	10.2	15.3	15.6	13.8	14.5	-.53	.83
10	6	87	15	195.	4.5	9.4	9.2	18.5	19.7	12.9	13.4	-.31	.88
10	6	87	16	173.	4.3	10.6	10.2	16.4	18.4	13.0	13.6	-.25	.89
10	6	87	17	183.	3.1	7.2	6.6	19.3	20.4	13.3	14.0	-.19	.89
10	6	87	18	194.	4.4	8.8	8.2	16.2	16.9	14.3	15.4	-.50	.85
10	6	87	19	198.	4.0	8.4	8.0	15.4	16.3	13.1	13.6	-.25	.88
10	6	87	20	215.	4.1	8.8	8.2	15.7	18.5	13.5	13.8	-.22	.84
10	6	87	21	211.	3.8	8.2	7.6	17.9	18.2	12.4	12.3	-.09	.81
10	6	87	22	211.	2.9	6.6	6.2	18.1	18.3	11.3	11.3	.00	.83
10	6	87	23	208.	3.3	6.8	6.4	15.9	16.4	10.5	10.5	-.03	.83
10	6	87	24	212.	3.1	6.8	6.0	17.2	17.8	9.6	9.6	-.03	.87
11	6	87	1	277.	1.8	6.6	6.2	69.6	83.3	9.2	9.1	.00	.88
11	6	87	2	335.	1.4	3.8	3.4	58.3	75.4	9.4	9.3	.03	.87
11	6	87	3	131.	.9	2.8	2.6	60.0	72.0	9.1	8.6	.09	.90
11	6	87	4	235.	1.3	4.6	4.2	49.3	64.7	8.9	8.4	-.03	.89
11	6	87	5	235.	2.0	5.0	4.6	15.6	17.3	9.5	9.8	-.31	.85
11	6	87	6	239.	2.3	5.8	5.6	21.0	21.5	10.6	11.2	-.40	.81
11	6	87	7	249.	2.9	6.8	6.2	22.7	23.1	11.6	12.4	-.47	.74
11	6	87	8	231.	3.6	7.4	7.2	21.8	22.2	12.7	13.5	-.62	.70
11	6	87	9	218.	3.5	8.0	7.2	21.4	22.0	14.0	14.9	-.84	.68
11	6	87	10	240.	3.3	7.0	6.8	27.7	30.5	14.9	15.8	-.93	.65
11	6	87	11	194.	3.6	9.0	8.2	29.3	32.9	15.9	17.0	-1.02	.64
11	6	87	12	193.	4.9	9.6	9.0	19.5	20.2	15.3	16.5	-.65	.72
11	6	87	13	197.	6.4	11.4	10.8	15.5	17.2	14.9	16.3	-.71	.74
11	6	87	14	190.	6.5	12.6	12.2	17.6	18.1	14.4	15.8	-.71	.75
11	6	87	15	176.	6.3	11.8	10.8	17.7	19.0	14.0	15.3	-.62	.76
11	6	87	16	176.	6.5	11.2	10.4	15.5	16.1	13.4	14.5	-.40	.77
11	6	87	17	146.	5.7	11.4	10.4	15.5	18.7	12.4	13.0	-.19	.78
11	6	87	18	149.	4.2	9.4	8.6	16.5	18.7	11.6	12.1	-.16	.80
11	6	87	19	142.	3.2	6.8	6.6	17.3	18.8	10.6	10.8	-.06	.81
11	6	87	20	127.	2.9	5.4	5.2	14.5	17.3	10.1	10.2	-.03	.83
11	6	87	21	129.	3.3	5.4	5.2	10.1	12.3	9.6	9.6	.00	.90
11	6	87	22	128.	3.6	5.6	5.4	9.3	10.0	9.4	9.4	.00	.93
11	6	87	23	118.	2.7	5.4	5.2	12.6	14.5	9.4	9.5	.00	.95
11	6	87	24	110.	2.5	4.6	4.2	8.8	11.3	9.5	9.5	.03	.94
12	6	87	1	98.	1.7	2.8	2.6	14.7	23.0	9.4	9.4	.06	.95
12	6	87	2	51.	1.1	2.8	2.6	7.3	19.8	9.3	9.2	.06	.95
12	6	87	3	24.	1.1	1.8	1.6	9.8	19.5	9.1	9.0	.06	.95
12	6	87	4	17.	1.2	2.4	2.2	15.3	18.9	8.7	8.7	.12	.97
12	6	87	5	346.	2.7	5.8	5.4	12.7	22.1	8.1	8.2	-.03	.96
12	6	87	6	333.	3.0	5.2	4.8	9.4	9.9	7.9	8.0	-.03	.95
12	6	87	7	308.	2.8	5.2	4.8	10.9	15.7	8.4	8.7	-.03	.93
12	6	87	8	314.	2.4	4.6	4.4	11.8	14.9	9.4	9.9	-.25	.91
12	6	87	9	302.	2.6	4.2	4.0	10.1	11.9	9.8	10.2	-.19	.89
12	6	87	10	292.	1.8	3.6	3.4	14.4	15.3	9.9	10.2	-.16	.90
12	6	87	11	52.	.7	2.4	2.2	58.7	94.5	9.9	10.2	-.19	.95
12	6	87	12	297.	.7	3.2	3.0	42.5	103.0	10.1	10.6	-.19	.96
12	6	87	13	287.	2.0	3.8	3.6	13.5	15.1	10.8	11.4	-.37	.90
12	6	87	14	323.	1.0	2.4	2.2	20.7	26.6	11.4	11.8	-.28	.89
12	6	87	15	291.	1.1	2.6	2.4	18.7	22.0	12.4	13.1	-.37	.84
12	6	87	16	169.	1.5	3.8	3.6	51.4	84.3	12.0	12.5	-.22	.89
12	6	87	17	218.	1.1	3.4	3.2	37.7	43.9	13.2	14.0	-.28	.86
12	6	87	18	177.	1.0	2.6	2.4	26.0	32.9	13.6	14.3	-.43	.86
12	6	87	19	159.	1.6	3.0	2.8	13.8	20.9	12.5	12.8	-.22	.92
12	6	87	20	132.	1.5	3.0	2.6	11.3	19.4	11.8	11.9	-.06	.95
12	6	87	21	118.	1.4	2.2	2.0	8.3	10.3	10.7	10.7	.03	.99
12	6	87	22	264.	.4	1.6	1.4	22.4	57.6	10.3	9.6	.31	.99
12	6	87	23	304.	1.2	2.2	2.2	5.6	22.1	10.2	9.1	.37	.97
12	6	87	24	290.	2.3	3.2	3.0	4.9	7.2	9.4	8.7	.65	.96

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
13	6	87	1	308.	3.2	4.2	4.0	3.7	8.3	8.9	8.1	.68	.90
13	6	87	2	302.	2.9	4.6	4.4	3.7	7.0	7.8	7.3	.90	.91
13	6	87	3	302.	2.9	3.8	3.6	3.4	4.7	7.1	6.5	.75	.90
13	6	87	4	307.	3.2	4.8	4.6	3.4	4.0	6.7	6.3	.62	.87
13	6	87	5	316.	2.7	4.2	3.8	5.3	6.3	7.3	7.6	.22	.81
13	6	87	6	307.	2.7	4.0	3.8	7.0	8.2	8.3	9.1	-.16	.74
13	6	87	7	301.	2.1	3.4	3.2	8.4	9.4	9.5	10.6	-.34	.72
13	6	87	8	342.	1.2	2.2	2.0	18.8	24.8	11.6	13.0	-.50	.69
13	6	87	9	266.	.8	3.0	3.0	78.0	86.2	13.8	15.4	-.40	.67
13	6	87	10	111.	3.2	6.6	6.0	48.4	56.4	13.1	14.4	-.56	.73
13	6	87	11	122.	4.3	6.6	6.2	11.7	12.7	12.6	13.7	-.59	.74
13	6	87	12	148.	4.2	7.4	7.0	17.2	19.4	13.5	14.6	-.47	.72
13	6	87	13	157.	4.7	8.2	7.6	15.9	17.2	14.2	15.4	-.37	.69
13	6	87	14	156.	4.6	8.8	7.8	16.9	17.5	14.4	15.7	-.34	.70
13	6	87	15	179.	5.4	9.2	9.0	17.8	20.3	14.2	15.4	-.43	.68
13	6	87	16	183.	5.0	11.0	10.0	16.5	17.2	14.3	15.5	-.50	.69
13	6	87	17	169.	4.4	8.0	7.8	17.3	17.9	14.2	15.4	-.28	.70
13	6	87	18	162.	4.0	8.2	7.6	16.0	17.0	13.6	14.6	-.19	.70
13	6	87	19	129.	3.1	6.0	5.8	13.7	15.8	12.8	13.3	-.16	.70
13	6	87	20	115.	3.1	5.2	5.2	9.2	9.9	11.0	11.0	-.09	.82
13	6	87	21	149.	3.0	4.8	4.8	10.7	13.1	10.1	10.0	.09	.86
13	6	87	22	152.	2.8	4.6	4.2	9.8	10.4	9.9	9.6	.19	.86
13	6	87	23	142.	2.1	4.0	3.8	14.5	20.5	9.3	8.4	.37	.88
13	6	87	24	149.	1.4	3.0	2.8	11.8	15.5	9.1	7.4	.59	.91
14	6	87	1	143.	1.6	2.8	2.6	8.3	15.8	9.1	7.5	.59	.88
14	6	87	2	120.	2.3	4.0	3.8	6.1	12.4	8.4	7.6	.62	.92
14	6	87	3	104.	2.2	3.2	3.0	2.8	4.9	8.3	7.4	.50	.93
14	6	87	4	82.	2.0	3.0	3.0	4.7	9.5	8.2	7.8	.37	.91
14	6	87	5	91.	1.5	2.6	2.4	4.7	9.5	8.7	8.5	.16	.92
14	6	87	6	24.	.9	2.8	2.8	15.9	35.4	9.4	9.9	-.09	.90
14	6	87	7	83.	.6	2.0	1.8	50.0	60.5	11.1	12.3	-.09	.86
14	6	87	8	62.	1.5	3.8	3.4	27.2	28.4	11.6	12.5	-.34	.85
14	6	87	9	60.	2.1	4.4	4.2	22.7	25.2	11.9	12.6	-.40	.85
14	6	87	10	42.	2.8	6.0	5.6	20.1	23.6	12.6	13.3	-.43	.83
14	6	87	11	80.	2.9	5.4	5.2	21.3	23.5	13.3	14.0	-.50	.81
14	6	87	12	45.	2.4	5.2	4.6	27.5	28.2	13.9	14.9	-.50	.78
14	6	87	13	82.	3.0	6.2	6.2	21.4	27.2	14.0	14.4	-.25	.77
14	6	87	14	79.	3.3	8.0	7.2	14.3	15.8	13.0	13.0	-.16	.81
14	6	87	15	80.	2.2	4.8	4.6	14.7	16.5	12.1	12.2	-.19	.90
14	6	87	16	37.	2.1	5.4	5.2	16.0	24.1	11.1	11.3	-.19	.95
14	6	87	17	70.	1.4	2.8	2.6	13.1	19.2	10.2	10.5	-.12	.96
14	6	87	18	59.	1.9	3.8	3.6	12.9	18.9	9.9	10.1	-.06	.98
14	6	87	19	37.	1.9	4.8	4.4	20.8	21.9	9.3	9.4	-.03	.96
14	6	87	20	359.	2.0	4.0	3.8	14.3	22.4	8.9	9.0	.00	.97
14	6	87	21	20.	2.7	4.6	4.4	10.7	11.6	8.9	8.9	.00	.97
14	6	87	22	357.	2.5	6.4	6.0	12.5	15.8	8.9	8.8	.03	.96
14	6	87	23	4.	2.3	5.0	4.8	10.5	10.8	8.8	8.8	.03	.97
14	6	87	24	356.	2.7	5.6	4.8	9.3	10.3	8.8	8.7	.03	.96
15	6	87	1	354.	2.9	5.4	5.0	9.8	10.0	8.6	8.6	.00	.95
15	6	87	2	3.	3.0	5.8	5.2	9.7	10.4	8.7	8.6	.03	.94
15	6	87	3	342.	2.8	5.4	5.0	10.1	12.1	8.6	8.5	.03	.93
15	6	87	4	319.	2.7	5.8	5.4	9.3	10.8	8.5	8.5	.00	.93
15	6	87	5	332.	2.4	4.8	4.6	9.6	11.1	8.5	8.6	.03	.94
15	6	87	6	342.	2.7	5.0	4.8	10.8	12.8	8.9	9.0	.00	.92
15	6	87	7	339.	1.8	4.0	3.6	11.2	11.7	9.1	9.3	-.03	.94
15	6	87	8	344.	2.6	6.0	5.4	13.3	14.3	9.7	10.3	-.09	.91
15	6	87	9	3.	3.3	7.0	6.4	12.9	15.3	10.3	11.1	-.09	.88
15	6	87	10	13.	3.2	6.4	6.0	13.1	14.4	10.6	11.3	-.09	.86
15	6	87	11	6.	3.4	6.2	6.0	14.9	15.9	10.4	11.2	-.16	.88
15	6	87	12	344.	3.2	6.0	5.8	16.0	18.7	11.3	12.7	-.22	.86
15	6	87	13	37.	2.6	6.0	5.4	18.8	29.2	11.5	12.1	-.09	.84
15	6	87	14	73.	2.1	5.6	5.4	25.7	30.1	11.4	12.0	-.25	.85
15	6	87	15	28.	2.5	6.0	5.6	30.1	35.5	12.7	14.0	-.47	.84
15	6	87	16	45.	2.4	6.0	5.4	27.8	32.3	12.8	13.8	-.34	.82
15	6	87	17	79.	1.8	4.2	4.0	23.5	26.1	12.6	13.0	-.28	.81
15	6	87	18	79.	2.6	5.0	4.8	15.1	15.3	12.2	12.4	-.22	.83
15	6	87	19	52.	1.9	4.0	4.0	16.6	20.2	11.6	11.7	-.06	.85
15	6	87	20	59.	1.7	3.8	3.6	18.0	20.3	11.4	11.4	-.03	.85
15	6	87	21	10.	1.6	3.4	3.4	13.8	26.7	11.0	10.9	.03	.87
15	6	87	22	8.	2.8	6.0	5.6	12.4	13.4	10.7	10.6	.03	.91
15	6	87	23	359.	2.4	5.8	5.2	14.3	15.1	10.4	10.4	.00	.92
15	6	87	24	357.	3.0	6.8	6.4	11.4	13.3	10.4	10.3	.03	.92

	DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
16	6 87 1	359.	2.7	6.0	5.4	11.0	12.2	10.3	10.0	.03	.92
16	6 87 2	6.	2.7	6.0	5.4	10.2	10.6	10.1	9.8	.12	.93
16	6 87 3	347.	2.6	7.2	6.4	11.1	14.4	10.4	10.2	.09	.91
16	6 87 4	339.	2.8	5.6	5.2	11.3	12.7	10.5	10.4	.03	.90
16	6 87 5	344.	2.9	7.2	6.4	11.8	12.5	10.7	10.7	.03	.89
16	6 87 6	346.	3.4	7.0	6.6	11.9	12.7	11.1	11.2	.00	.87
16	6 87 7	336.	4.2	7.6	7.0	10.7	12.1	11.4	11.5	-.03	.87
16	6 87 8	1.	4.4	8.8	8.2	11.8	14.7	11.9	12.2	-.03	.85
16	6 87 9	353.	4.0	10.8	9.6	12.5	13.0	12.5	12.8	-.03	.82
16	6 87 10	350.	3.6	8.6	7.4	13.5	13.9	12.6	12.6	.00	.81
16	6 87 11	357.	4.5	9.0	8.6	13.8	14.5	13.1	13.3	.00	.80
16	6 87 12	342.	4.7	10.0	9.2	13.3	15.4	13.2	13.4	-.06	.81
16	6 87 13	349.	5.4	10.6	9.8	12.5	12.8	13.3	13.6	-.03	.80
16	6 87 14	349.	4.6	9.6	8.6	13.4	13.5	13.5	13.7	-.03	.81
16	6 87 15	350.	4.8	10.6	9.8	13.3	13.6	13.7	13.8	.00	.79
16	6 87 16	356.	4.5	10.4	9.6	14.3	14.6	13.3	13.4	-.03	.80
16	6 87 17	339.	4.5	10.0	9.2	13.3	15.0	12.5	12.4	-.03	.84
16	6 87 18	333.	4.4	8.8	8.4	12.2	13.2	12.8	12.7	.03	.82
16	6 87 19	323.	4.4	10.0	9.2	12.2	14.8	12.9	12.7	.00	.80
16	6 87 20	330.	5.0	10.4	10.0	11.8	12.3	12.1	11.9	.03	.84
16	6 87 21	336.	5.0	11.0	10.6	13.1	13.8	11.7	11.5	.00	.85
16	6 87 22	321.	5.1	10.8	9.6	11.8	12.7	11.0	10.8	.03	.88
16	6 87 23	315.	5.8	10.4	9.8	11.6	12.1	10.4	10.3	.03	.92
16	6 87 24	311.	6.1	11.2	10.0	12.1	12.6	9.8	9.7	.06	.94
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17	6 87 1	319.	6.5	12.8	11.4	12.7	12.8	9.7	9.6	.09	.94
17	6 87 2	311.	6.5	12.0	11.2	12.3	12.6	9.6	9.5	.09	.93
17	6 87 3	314.	6.2	12.0	11.2	12.0	12.2	9.5	9.4	.09	.94
17	6 87 4	309.	5.8	10.0	9.6	10.6	11.0	9.2	9.1	.03	.96
17	6 87 5	307.	6.4	11.4	10.8	10.0	10.4	9.0	9.0	.03	.96
17	6 87 6	307.	6.6	10.4	9.8	9.0	9.0	9.0	9.0	.03	.97
17	6 87 7	307.	6.1	10.0	9.2	10.0	10.1	9.2	9.2	.03	.96
17	6 87 8	308.	5.5	9.2	8.8	9.5	9.6	9.3	9.3	.00	.97
17	6 87 9	307.	5.8	9.4	9.0	9.3	9.4	9.5	9.6	.00	.97
17	6 87 10	305.	5.2	8.8	8.0	9.2	9.3	9.7	9.9	-.03	.98
17	6 87 11	309.	5.0	8.8	8.2	9.9	10.0	9.9	10.1	-.06	.98
17	6 87 12	315.	4.9	8.4	8.0	10.0	10.4	10.2	10.3	-.03	.98
17	6 87 13	321.	3.7	6.8	6.2	11.8	12.2	10.3	10.5	-.06	.98
17	6 87 14	308.	3.9	7.0	6.6	11.8	12.3	10.5	10.7	-.09	.98
17	6 87 15	314.	4.3	7.2	6.8	9.9	10.4	10.9	11.2	-.06	.97
17	6 87 16	330.	4.9	11.2	10.0	12.5	13.1	11.2	11.2	.00	.92
17	6 87 17	333.	4.0	9.8	9.0	13.5	19.6	11.2	11.3	-.03	.92
17	6 87 18	312.	3.5	6.8	6.2	13.3	14.2	10.7	10.7	.03	.94
17	6 87 19	315.	3.7	7.2	6.8	12.7	13.0	10.7	10.6	.06	.92
17	6 87 20	311.	4.0	7.8	7.2	11.3	11.7	10.7	10.6	.12	.89
17	6 87 21	309.	3.9	6.6	6.2	9.6	10.6	10.7	10.6	.09	.87
17	6 87 22	329.	4.3	8.6	8.4	11.7	12.8	10.9	10.7	.09	.84
17	6 87 23	309.	4.4	8.2	7.6	10.2	14.4	10.9	10.7	.09	.82
17	6 87 24	336.	5.1	9.8	8.8	10.5	13.0	10.5	10.2	.06	.84
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18	6 87 1	309.	4.2	8.0	7.2	10.2	14.1	10.0	9.6	.09	.87
18	6 87 2	314.	3.7	6.8	6.4	9.9	10.6	9.6	9.4	.16	.89
18	6 87 3	347.	4.7	10.4	9.8	11.2	16.6	10.3	10.0	.16	.83
18	6 87 4	349.	4.7	9.6	9.2	10.8	11.0	10.6	10.3	.09	.79
18	6 87 5	346.	4.4	9.2	9.2	10.6	10.9	10.7	10.4	.09	.78
18	6 87 6	351.	4.2	10.0	9.4	11.6	12.2	10.8	10.6	.06	.77
18	6 87 7	357.	4.9	10.2	9.2	11.9	12.6	11.0	10.9	.03	.75
18	6 87 8	351.	4.5	11.0	9.2	17.2	17.7	11.3	11.4	.00	.75
18	6 87 9	349.	4.4	9.8	9.6	19.2	20.5	11.2	11.5	-.06	.75
18	6 87 10	4.	4.8	10.0	9.6	16.3	18.3	11.6	12.1	-.06	.76
18	6 87 11	1.	5.6	10.2	9.2	13.2	14.3	11.8	12.3	-.09	.77
18	6 87 12	4.	4.5	9.4	8.8	14.0	15.1	12.4	13.1	-.12	.78
18	6 87 13	10.	3.9	6.8	6.2	13.1	13.8	12.4	12.8	-.06	.78
18	6 87 14	11.	3.8	9.2	8.2	15.8	18.3	12.9	13.6	-.12	.78
18	6 87 15	6.	3.0	6.4	5.8	17.4	20.8	12.8	13.5	-.16	.80
18	6 87 16	38.	2.6	5.4	5.0	19.6	26.7	13.1	13.5	-.09	.79
18	6 87 17	38.	2.2	4.4	4.2	17.9	19.9	13.1	13.5	-.19	.80
18	6 87 18	31.	2.1	4.6	4.4	18.7	19.4	13.2	13.6	-.16	.80
18	6 87 19	80.	1.7	3.8	3.6	22.3	27.9	13.3	13.8	-.22	.81
18	6 87 20	59.	1.7	4.0	3.8	17.0	17.9	13.1	13.3	-.19	.83
18	6 87 21	49.	2.1	3.8	3.6	12.7	13.4	12.4	12.3	.00	.83
18	6 87 22	1.	1.5	3.6	3.4	12.3	23.4	11.9	11.4	.16	.87
18	6 87 23	350.	2.4	4.2	4.0	12.1	14.2	11.8	11.4	.12	.87
18	6 87 24	31.	2.1	3.8	3.6	10.5	15.0	11.4	11.0	.16	.90

		DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
19	6 87 1	20.	1.7	4.0	3.8	13.0	15.7	11.0	10.8	.06	.91
19	6 87 2	346.	1.6	3.6	3.2	13.3	21.5	10.6	10.4	.06	.94
19	6 87 3	14.	1.4	2.6	2.4	7.6	10.1	10.3	10.0	.06	.96
19	6 87 4	51.	2.0	4.0	3.6	13.5	18.1	9.9	9.9	.00	.97
19	6 87 5	356.	1.2	3.0	2.8	15.8	26.4	9.6	9.7	-.03	.99
19	6 87 6	56.	1.7	3.2	3.0	12.4	20.3	9.6	9.8	-.06	.99
19	6 87 7	79.	1.5	3.2	3.0	14.1	15.8	9.9	10.3	-.16	.97
19	6 87 8	142.	.8	2.2	2.0	29.1	39.2	10.8	11.3	-.22	.93
19	6 87 9	128.	1.1	2.2	2.0	16.6	19.0	10.9	11.3	-.19	.92
19	6 87 10	128.	2.4	5.0	4.8	19.1	21.1	11.8	12.8	-.28	.90
19	6 87 11	124.	3.0	5.0	4.8	12.7	13.8	11.8	12.8	-.31	.90
19	6 87 12	149.	3.5	6.0	5.8	17.7	20.9	13.1	14.4	-.53	.87
19	6 87 13	139.	3.9	6.6	6.2	20.1	23.5	13.7	15.1	-.47	.84
19	6 87 14	136.	4.4	7.8	7.4	17.7	19.8	13.8	15.1	-.43	.79
19	6 87 15	170.	4.0	7.2	6.8	16.6	24.6	13.8	15.0	-.37	.79
19	6 87 16	145.	3.0	5.8	5.4	19.9	21.8	13.6	14.4	-.19	.83
19	6 87 17	145.	3.3	7.2	6.2	17.5	18.5	14.0	15.4	-.28	.85
19	6 87 18	145.	3.4	6.4	6.0	17.5	21.3	13.6	14.7	-.25	.87
19	6 87 19	153.	3.4	6.6	6.4	15.9	17.9	12.1	12.5	-.12	.95
19	6 87 20	150.	3.1	6.4	6.0	14.3	17.4	11.4	11.7	-.12	.96
19	6 87 21	156.	3.1	7.0	6.2	15.6	16.0	10.5	10.7	-.06	.96
19	6 87 22	150.	3.0	7.2	6.8	16.9	17.1	10.1	10.1	-.03	.95
19	6 87 23	155.	3.1	7.2	6.4	16.0	16.5	9.9	9.9	.00	.93
19	6 87 24	167.	3.6	7.6	7.2	16.6	16.8	9.7	9.8	-.03	.91
20	6 87 1	159.	4.2	9.0	8.4	16.2	16.6	9.5	9.5	.00	.89
20	6 87 2	162.	3.8	9.2	8.6	17.6	18.0	9.4	9.3	.00	.86
20	6 87 3	156.	3.7	7.6	7.0	15.2	15.5	9.1	9.1	.03	.87
20	6 87 4	165.	3.4	7.2	7.0	15.3	15.6	8.9	8.8	.03	.86
20	6 87 5	170.	2.9	5.8	5.4	15.4	17.0	8.9	9.1	-.03	.87
20	6 87 6	149.	2.5	5.8	5.4	16.0	16.6	8.9	9.0	-.03	.88
20	6 87 7	153.	3.1	6.6	6.6	15.6	16.6	8.7	8.9	-.03	.90
20	6 87 8	166.	3.9	9.2	8.0	15.9	17.0	9.1	9.2	.00	.86
20	6 87 9	169.	3.5	7.0	6.4	14.9	15.1	9.3	9.5	-.03	.85
20	6 87 10	152.	3.4	7.0	6.4	16.1	17.1	9.6	10.0	-.09	.86
20	6 87 11	117.	3.2	6.4	6.2	15.0	18.6	9.5	9.9	-.12	.90
20	6 87 12	120.	3.4	5.8	5.6	11.2	11.6	10.3	10.8	-.25	.90
20	6 87 13	125.	3.1	5.4	5.0	14.2	15.5	10.8	11.4	-.22	.87
20	6 87 14	118.	3.4	5.6	5.2	12.5	13.3	11.4	12.2	-.31	.86
20	6 87 15	127.	4.0	6.4	6.0	10.6	12.3	12.0	12.7	-.31	.85
20	6 87 16	135.	4.8	8.4	7.8	12.1	13.1	12.4	13.2	-.31	.84
20	6 87 17	162.	4.5	8.0	7.6	15.3	20.5	12.7	13.7	-.34	.82
20	6 87 18	127.	4.2	7.4	6.8	14.3	19.2	12.4	13.2	-.34	.88
20	6 87 19	131.	4.4	7.2	6.6	11.4	12.0	11.3	11.6	-.16	.93
20	6 87 20	148.	3.4	6.4	5.8	14.1	15.8	10.7	10.8	-.06	.95
20	6 87 21	155.	2.7	5.2	5.0	15.6	15.8	10.3	10.4	-.03	.96
20	6 87 22	142.	2.6	5.8	5.6	14.0	14.6	10.1	10.1	.00	.96
20	6 87 23	129.	2.6	5.0	4.8	12.3	13.6	9.9	9.9	.03	.96
20	6 87 24	110.	2.8	5.2	4.8	11.8	12.7	9.9	9.9	.00	.96
21	6 87 1	105.	2.9	5.8	5.4	10.2	10.8	9.8	9.8	.00	.95
21	6 87 2	94.	2.7	4.6	4.4	10.0	11.1	9.5	9.5	.00	.95
21	6 87 3	89.	2.5	4.6	4.2	11.4	12.0	9.5	9.6	.00	.94
21	6 87 4	93.	2.9	5.0	4.8	11.5	11.8	9.6	9.7	.00	.94
21	6 87 5	94.	2.8	5.6	5.2	12.4	12.8	9.8	9.9	-.06	.93
21	6 87 6	101.	3.1	6.0	5.8	12.1	12.7	10.3	10.6	-.12	.93
21	6 87 7	120.	3.7	6.4	6.0	11.6	12.6	11.0	11.5	-.19	.91
21	6 87 8	139.	4.0	6.8	6.2	14.6	16.2	11.7	12.7	-.31	.88
21	6 87 9	129.	4.2	7.4	7.0	16.3	18.3	12.3	13.5	-.43	.85
21	6 87 10	131.	4.2	7.2	6.8	16.8	18.0	12.8	14.1	-.43	.83
21	6 87 11	150.	3.9	7.0	6.4	20.1	21.4	13.0	14.5	-.56	.83
21	6 87 12	150.	4.4	8.0	7.2	17.7	19.1	13.1	14.4	-.43	.83
21	6 87 13	155.	4.6	8.2	7.2	16.0	17.2	13.0	14.3	-.43	.81
21	6 87 14	148.	4.5	7.4	7.0	17.0	18.8	13.2	14.5	-.40	.80
21	6 87 15	128.	4.0	7.4	7.2	18.5	22.4	13.5	14.8	-.37	.79
21	6 87 16	139.	3.7	6.4	6.2	12.8	14.0	12.2	12.8	-.28	.81
21	6 87 17	122.	2.7	4.8	4.4	16.9	18.3	12.3	13.1	-.22	.82
21	6 87 18	145.	2.5	5.0	4.6	16.1	17.3	12.1	12.6	-.16	.83
21	6 87 19	122.	1.6	3.8	3.6	15.0	18.3	11.2	11.3	-.06	.86
21	6 87 20	252.	.3	1.6	1.4	33.9	52.2	11.0	11.1	-.06	.92
21	6 87 21	245.	.7	1.2	1.0	13.0	25.5	10.8	10.8	-.03	.93
21	6 87 22	301.	1.9	3.2	3.0	4.2	16.6	10.6	10.6	.12	.91
21	6 87 23	269.	2.5	4.2	4.0	9.5	16.8	10.4	10.5	.12	.93
21	6 87 24	312.	1.5	3.4	3.2	9.1	23.2	10.5	10.4	.22	.93

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
22	6	87	1	304.	2.7	3.8	3.6	6.0	8.9	10.1	10.1	.03	.95
22	6	87	2	302.	2.8	4.2	4.0	6.1	9.2	9.7	9.7	.06	.99
22	6	87	3	301.	2.9	4.0	3.8	5.4	6.0	9.5	9.6	.03	1.00
22	6	87	4	299.	2.2	3.4	3.2	7.7	9.7	9.5	9.6	.00	.99
22	6	87	5	297.	2.7	3.8	3.6	5.6	6.3	9.5	9.6	.00	.98
22	6	87	6	299.	2.0	3.6	3.6	8.7	9.7	9.6	9.8	-.06	.99
22	6	87	7	301.	1.5	2.2	2.2	6.0	8.0	9.8	10.0	-.09	.99
22	6	87	8	294.	.8	1.8	1.8	11.2	16.8	9.9	10.1	-.09	.99
22	6	87	9	297.	.6	1.6	1.4	12.1	15.4	10.2	10.4	-.09	1.00
22	6	87	10	166.	.3	1.4	1.2	40.1	56.9	10.6	10.9	-.06	1.00
22	6	87	11	135.	1.5	3.8	3.6	17.5	27.8	11.0	11.4	-.09	.99
22	6	87	12	125.	2.6	4.8	4.6	12.5	13.3	11.4	11.9	-.16	.94
22	6	87	13	114.	2.4	4.0	3.8	12.7	14.1	11.9	12.5	-.25	.91
22	6	87	14	122.	3.4	5.8	5.6	13.6	15.1	13.0	14.1	-.43	.88
22	6	87	15	143.	3.0	5.6	5.2	18.2	20.3	13.6	14.7	-.25	.84
22	6	87	16	135.	2.9	5.6	5.2	15.1	16.6	13.1	13.7	-.19	.86
22	6	87	17	131.	3.0	6.2	5.6	14.8	16.0	12.2	12.6	-.16	.92
22	6	87	18	136.	3.7	6.2	5.6	10.7	11.2	11.8	12.2	-.19	.88
22	6	87	19	125.	2.6	5.4	5.2	12.6	13.1	11.6	11.8	-.09	.91
22	6	87	20	100.	1.8	3.2	3.0	9.2	12.2	11.5	11.5	-.06	.93
22	6	87	21	84.	1.0	2.2	2.0	14.9	20.5	11.2	11.0	.03	.96
22	6	87	22	28.	1.3	3.0	2.8	10.6	26.1	10.6	9.6	.16	.98
22	6	87	23	120.	1.3	2.4	2.2	7.7	27.2	9.9	8.5	.37	.97
22	6	87	24	347.	1.0	2.2	2.0	26.5	61.0	9.7	7.9	.34	.96
23	6	87	1	0.	.5	2.4	2.2	21.7	32.8	8.7	7.7	.59	.96
23	6	87	2	17.	.8	1.6	1.4	8.1	15.1	8.6	7.2	.53	.96
23	6	87	3	340.	1.3	2.2	2.2	5.1	15.7	7.8	7.1	.78	.95
23	6	87	4	322.	1.4	2.4	2.2	5.6	13.4	7.8	7.3	.78	.96
23	6	87	5	340.	1.2	2.2	2.0	8.1	11.1	7.9	7.9	.34	.96
23	6	87	6	344.	.5	1.4	1.4	17.4	22.9	8.7	8.8	.06	.97
23	6	87	7	38.	.3	1.2	1.2	54.9	58.9	9.7	10.1	.00	.98
23	6	87	8	194.	.6	2.2	2.0	46.3	65.0	11.2	11.9	-.16	.96
23	6	87	9	107.	1.3	3.4	3.0	40.9	54.4	11.9	12.5	-.40	.93
23	6	87	10	120.	2.9	5.4	5.0	12.0	12.9	12.2	13.0	-.37	.90
23	6	87	11	143.	3.9	6.8	6.4	11.3	12.3	12.1	12.7	-.28	.86
23	6	87	12	139.	3.3	6.6	6.2	17.0	17.7	13.3	14.3	-.22	.79
23	6	87	13	136.	4.0	7.2	6.8	18.4	19.5	14.3	15.5	-.37	.75
23	6	87	14	146.	4.8	8.0	7.8	14.2	14.7	14.2	15.5	-.40	.75
23	6	87	15	134.	4.1	6.8	6.4	17.2	19.3	14.4	15.8	-.37	.79
23	6	87	16	128.	3.8	6.6	6.4	17.0	19.5	14.3	15.7	-.34	.85
23	6	87	17	143.	4.0	7.0	6.8	13.4	15.6	13.8	15.0	-.31	.88
23	6	87	18	129.	3.2	5.6	5.4	14.7	15.9	14.0	15.0	-.19	.84
23	6	87	19	141.	3.4	5.6	5.4	11.7	13.0	13.1	13.6	-.22	.82
23	6	87	20	155.	2.9	5.6	5.4	12.1	14.1	12.5	12.9	-.06	.82
23	6	87	21	143.	2.3	4.2	4.2	12.7	13.3	11.5	11.3	.03	.86
23	6	87	22	157.	2.0	3.2	3.0	9.3	10.8	10.7	9.9	.28	.90
23	6	87	23	163.	2.0	3.0	3.0	7.8	11.3	10.3	9.2	.37	.94
23	6	87	24	156.	1.5	2.4	2.2	5.1	6.7	9.9	8.3	.37	.96
24	6	87	1	328.	.5	1.6	1.4	36.1	104.7	9.2	7.6	.50	.95
24	6	87	2	326.	2.1	3.6	3.4	4.2	5.4	7.2	6.7	.96	.94
24	6	87	3	337.	2.1	3.8	3.4	6.3	9.4	6.8	6.3	.43	.94
24	6	87	4	297.	1.8	2.8	2.6	6.3	13.0	6.6	6.1	.28	.93
24	6	87	5	326.	2.1	3.8	3.6	7.6	10.6	6.3	6.3	.22	.93
24	6	87	6	359.	1.3	3.6	3.4	49.7	51.9	7.1	7.3	.09	.94
24	6	87	7	3.	.8	2.6	2.4	25.2	27.4	8.7	9.2	-.03	.96
24	6	87	8	110.	.2	1.0	.8	71.8	128.7	10.2	10.5	.19	.94
24	6	87	9	129.	.9	2.2	2.0	24.1	26.7	11.9	12.6	-.31	.92
24	6	87	10	165.	1.9	3.8	3.6	14.7	22.6	11.9	12.4	-.16	.90
24	6	87	11	118.	3.0	5.2	5.0	15.4	25.1	13.2	14.3	-.43	.81
24	6	87	12	149.	2.9	5.4	5.2	12.4	14.3	12.3	12.8	-.22	.88
24	6	87	13	103.	2.7	4.4	4.2	13.5	21.6	12.9	14.1	-.40	.92
24	6	87	14	104.	2.8	5.2	4.8	14.9	17.8	14.1	15.4	-.56	.84
24	6	87	15	131.	2.8	5.6	5.0	14.6	16.2	14.4	15.4	-.43	.83
24	6	87	16	121.	2.2	4.2	4.0	24.4	33.4	15.4	16.9	-.34	.81
24	6	87	17	122.	3.3	5.4	5.2	10.6	11.5	14.8	15.7	-.40	.85
24	6	87	18	131.	3.2	5.4	5.0	11.2	12.8	13.9	14.4	-.28	.88
24	6	87	19	146.	2.8	5.2	4.6	12.2	12.7	12.9	13.4	-.16	.92
24	6	87	20	150.	2.1	4.4	3.8	14.5	15.8	11.9	12.0	-.06	.96
24	6	87	21	134.	1.8	3.2	3.0	12.9	15.5	11.4	11.4	.00	.98
24	6	87	22	135.	1.9	3.0	3.0	6.4	7.3	11.0	10.9	.09	.99
24	6	87	23	131.	2.0	2.6	2.4	4.2	11.2	10.8	10.5	.25	.99
24	6	87	24	115.	1.8	2.6	2.4	2.8	8.2	10.6	10.1	.37	.99

	DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
25	6 87 1	87.	1.5	2.2	2.0	2.0	9.4	10.4	9.8	.25	.99
25	6 87 2	75.	1.0	1.4	1.2	4.7	14.7	10.3	9.6	.28	.99
25	6 87 3	343.	.8	1.4	1.2	10.6	33.8	10.1	9.5	.31	.98
25	6 87 4	100.	.4	1.2	1.0	11.4	49.6	10.2	9.7	.28	.98
25	6 87 5	76.	.2	.6	.4	6.1	19.3	10.7	10.5	.06	.99
25	6 87 6	110.	.3	1.0	.8	37.0	45.3	11.6	11.9	-.22	1.00
25	6 87 7	252.	.3	1.0	.8	69.6	111.4	12.4	12.8	-.25	.96
25	6 87 8	301.	.6	1.8	1.6	18.7	27.9	12.4	12.7	-.37	.92
25	6 87 9	231.	.9	2.2	2.0	17.0	32.2	12.1	12.3	-.31	.94
25	6 87 10	302.	1.5	4.4	3.8	19.1	29.1	12.3	12.8	-.50	.95
25	6 87 11	288.	2.8	5.0	4.8	12.5	13.9	11.0	11.4	-.22	.94
25	6 87 12	302.	3.6	6.2	5.6	9.8	11.1	11.4	11.8	-.22	.90
25	6 87 13	278.	2.7	5.0	4.6	13.9	16.5	13.2	14.3	-.81	.88
25	6 87 14	304.	2.1	4.4	4.2	14.5	17.9	14.2	15.6	-.68	.85
25	6 87 15	322.	1.5	3.8	3.6	19.6	21.4	15.0	16.3	-.62	.81
25	6 87 16	101.	1.1	3.2	3.0	44.3	88.9	15.2	16.1	-.31	.82
25	6 87 17	146.	1.3	3.2	3.0	20.4	23.8	15.3	16.2	-.12	.85
25	6 87 18	235.	.9	2.8	2.6	35.3	54.8	15.0	15.2	-.16	.86
25	6 87 19	359.	1.9	4.2	4.0	22.8	37.3	12.6	12.4	-.19	.98
25	6 87 20	297.	1.4	3.6	3.4	20.9	29.5	12.3	12.1	.12	.98
25	6 87 21	307.	2.3	3.4	3.4	3.1	4.9	12.3	11.7	.37	.96
25	6 87 22	298.	1.8	3.4	3.2	4.9	9.4	11.8	11.1	.31	.99
25	6 87 23	295.	1.6	3.0	2.8	6.1	10.7	11.4	10.4	.40	.97
25	6 87 24	302.	1.9	2.6	2.6	3.7	5.1	10.8	9.7	.56	.97
26	6 87 1	314.	2.1	2.8	2.6	3.7	8.3	10.5	9.7	.37	.95
26	6 87 2	298.	2.1	2.8	2.6	3.1	5.4	9.9	9.3	.47	.96
26	6 87 3	305.	2.4	3.4	3.2	3.1	4.0	9.4	9.2	.31	.96
26	6 87 4	357.	1.2	2.6	2.4	11.6	38.3	9.1	8.4	.47	.96
26	6 87 5	335.	1.2	2.0	1.8	9.3	16.1	9.6	9.4	.22	.97
26	6 87 6	353.	1.2	2.6	2.2	12.3	13.3	10.8	11.8	.09	.94
26	6 87 7	0.	.7	1.6	1.4	12.8	14.7	11.9	12.9	.09	.94
26	6 87 8	93.	1.0	3.0	2.8	33.6	48.5	13.5	15.0	-.19	.91
26	6 87 9	138.	1.8	4.0	3.6	29.1	32.0	14.3	15.5	-.43	.88
26	6 87 10	138.	3.7	7.6	7.0	18.8	20.3	14.6	16.2	-.47	.86
26	6 87 11	129.	4.6	8.6	7.4	14.1	15.3	14.1	15.4	-.53	.84
26	6 87 12	138.	4.8	7.8	7.4	14.2	14.8	13.5	14.8	-.43	.85
26	6 87 13	132.	4.4	7.0	6.6	14.5	15.3	13.6	15.0	-.47	.83
26	6 87 14	120.	4.5	7.6	7.0	13.3	14.0	13.7	14.9	-.43	.82
26	6 87 15	127.	4.7	7.6	7.2	10.4	10.9	13.3	14.2	-.43	.85
26	6 87 16	118.	4.4	7.2	6.2	12.9	13.4	13.2	14.3	-.40	.87
26	6 87 17	128.	4.3	6.8	6.4	11.9	12.6	13.0	14.1	-.37	.87
26	6 87 18	127.	4.2	6.6	6.4	12.0	12.4	12.6	13.2	-.31	.87
26	6 87 19	149.	3.0	5.6	5.4	13.6	15.2	12.1	12.6	-.12	.90
26	6 87 20	139.	2.4	4.4	4.2	13.3	15.3	11.6	11.8	-.09	.94
26	6 87 21	115.	1.5	2.8	2.8	10.9	14.2	11.4	11.4	-.06	.96
26	6 87 22	104.	2.0	3.2	3.0	6.1	8.2	11.1	11.0	.03	.98
26	6 87 23	82.	1.6	2.6	2.4	5.1	9.0	10.8	10.6	.06	.98
26	6 87 24	96.	1.2	2.2	2.0	4.9	13.3	10.7	10.3	.12	.98
27	6 87 1	72.	1.3	2.0	2.0	5.1	15.8	10.5	10.0	.19	.98
27	6 87 2	28.	.4	.8	.8	13.5	27.9	10.5	10.0	.25	.98
27	6 87 3	344.	.7	1.4	1.4	4.7	23.1	10.5	9.9	.16	.98
27	6 87 4	17.	.9	2.0	1.8	22.4	38.9	10.4	10.2	.19	.98
27	6 87 5	305.	1.2	2.4	2.2	13.0	27.4	10.7	10.7	.12	.96
27	6 87 6	346.	1.0	2.0	1.8	18.8	32.6	11.6	12.3	-.12	.93
27	6 87 7	323.	1.1	3.0	2.8	18.9	24.4	12.8	14.1	.00	.88
27	6 87 8	312.	1.1	2.6	2.4	24.2	31.8	13.8	14.6	-.37	.88
27	6 87 9	311.	1.5	3.0	2.8	13.3	15.4	14.2	14.9	-.47	.89
27	6 87 10	309.	1.7	5.0	4.6	12.8	14.3	15.4	16.4	-.65	.85
27	6 87 11	260.	1.7	4.2	3.8	30.4	50.3	13.5	13.8	-.40	.96
27	6 87 12	120.	.6	1.8	1.6	52.7	117.0	15.1	16.0	-.37	.90
27	6 87 13	142.	1.9	4.4	4.0	18.9	25.8	14.5	15.3	-.28	.94
27	6 87 14	100.	2.4	4.2	3.6	15.8	17.6	14.7	16.0	-.40	.94
27	6 87 15	75.	2.3	8.4	7.6	52.4	87.0	13.0	13.4	-.19	.96
27	6 87 16	226.	2.5	5.8	5.4	27.2	49.7	13.2	13.8	-.40	.96
27	6 87 17	100.	.9	4.2	4.0	67.3	84.1	14.6	15.4	-.25	.90
27	6 87 18	328.	2.1	6.6	6.4	33.9	50.1	14.6	15.4	-.31	.90
27	6 87 19	10.	2.5	7.8	7.4	15.8	25.0	12.7	12.5	.22	.95
27	6 87 20	347.	1.8	2.8	2.6	32.2	39.1	13.1	13.2	-.06	.94
27	6 87 21	308.	1.5	2.6	2.4	4.9	21.4	12.9	11.6	.25	.99
27	6 87 22	311.	2.1	3.0	2.8	2.4	12.8	12.4	10.9	.40	.98
27	6 87 23	335.	2.7	4.8	4.4	5.6	8.2	11.9	11.0	.40	.97
27	6 87 24	307.	2.8	4.4	4.2	4.7	8.3	11.5	10.9	.31	.96

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
1	7	87	1	328.	2.3	4.4	4.2	13.8	15.2	15.5	14.7	.12	.78
1	7	87	2	307.	1.5	3.8	3.6	16.9	21.7	14.7	13.3	.12	.86
1	7	87	3	311.	1.5	4.4	4.0	22.0	24.3	14.3	13.1	.12	.86
1	7	87	4	308.	2.9	5.8	5.4	13.1	16.5	13.9	13.2	.09	.85
1	7	87	5	284.	2.6	6.4	5.6	30.0	34.9	13.6	13.5	-.16	.84
1	7	87	6	276.	2.1	5.6	5.2	29.6	31.0	14.6	15.3	-.38	.80
1	7	87	7	222.	3.4	9.4	8.4	20.5	26.3	15.6	16.3	-.57	.78
1	7	87	8	222.	3.4	8.4	7.8	19.4	22.0	14.9	15.1	-.38	.80
1	7	87	9	214.	4.5	8.8	8.4	16.3	17.5	14.6	14.8	-.32	.84
1	7	87	10	211.	5.1	11.2	10.2	18.0	18.3	16.4	17.4	-.97	.81
1	7	87	11	247.	5.5	12.4	12.0	21.5	23.9	16.5	17.2	-.78	.76
1	7	87	12	236.	3.7	9.0	8.4	25.8	26.7	15.8	16.1	-.47	.75
1	7	87	13	198.	4.7	10.4	9.6	22.0	28.6	15.6	16.4	-.69	.81
1	7	87	14	177.	4.9	9.2	8.8	16.0	17.5	15.9	17.3	-.69	.87
1	7	87	15	188.	4.4	11.2	10.2	18.2	20.8	16.3	17.5	-.60	.89
1	7	87	16	240.	4.4	12.0	11.0	19.2	24.5	17.5	18.2	-.53	.78
1	7	87	17	239.	6.2	12.2	11.8	21.1	21.4	17.9	18.3	-.50	.65
1	7	87	18	239.	5.3	11.2	10.4	21.7	22.4	17.4	17.8	-.53	.67
1	7	87	19	233.	4.7	10.2	9.0	21.9	22.1	16.4	16.6	-.35	.70
1	7	87	20	239.	4.6	9.8	9.0	24.1	24.7	15.5	15.5	-.26	.74
1	7	87	21	235.	3.9	8.6	8.2	22.3	22.7	14.4	14.2	-.16	.78
1	7	87	22	226.	4.6	9.0	8.0	14.0	14.4	13.5	13.4	-.07	.82
1	7	87	23	235.	4.1	7.4	6.8	14.7	15.4	12.9	12.7	-.04	.84
1	7	87	24	212.	3.8	6.6	6.4	11.8	13.6	12.2	11.9	.06	.84
2	7	87	1	202.	3.6	6.4	6.0	11.1	12.3	11.5	11.0	.12	.85
2	7	87	2	229.	3.7	7.6	7.4	12.7	14.5	10.9	10.6	.06	.87
2	7	87	3	222.	3.6	8.0	7.8	23.7	24.1	10.7	10.5	-.04	.88
2	7	87	4	214.	3.9	7.8	7.4	16.2	16.6	11.1	11.0	-.04	.88
2	7	87	5	218.	3.9	7.8	7.4	14.2	14.9	11.7	11.9	-.19	.86
2	7	87	6	214.	3.4	7.2	6.8	17.3	18.1	13.3	14.2	-.50	.82
2	7	87	7	211.	2.9	6.2	5.8	23.3	23.8	14.4	15.7	-.69	.81
2	7	87	8	202.	3.0	6.2	6.0	22.5	22.9	15.7	17.0	-.72	.77
2	7	87	9	269.	4.9	11.0	10.6	24.1	37.7	16.9	17.6	-.72	.71
2	7	87	10	271.	5.2	11.0	10.2	19.9	20.9	17.0	17.4	-.53	.66
2	7	87	11	288.	4.9	10.0	9.4	20.7	22.5	17.0	17.3	-.41	.66
2	7	87	12	299.	4.3	8.6	8.0	15.5	17.0	17.4	17.9	-.50	.66
2	7	87	13	297.	4.7	11.0	10.2	17.4	18.5	18.1	18.7	-.60	.63
2	7	87	14	299.	4.2	8.6	8.0	18.8	20.4	19.2	20.1	-.81	.63
2	7	87	15	280.	4.2	9.6	9.0	18.9	20.8	18.9	19.4	-.57	.63
2	7	87	16	308.	4.8	9.4	8.6	15.1	16.8	19.1	20.0	-.63	.61
2	7	87	17	291.	5.1	9.6	8.8	13.8	14.3	19.1	20.0	-.66	.61
2	7	87	18	295.	4.9	10.0	9.0	17.4	17.9	19.2	19.9	-.66	.60
2	7	87	19	295.	4.7	9.2	9.0	16.0	16.3	18.6	19.1	-.47	.61
2	7	87	20	295.	4.1	9.0	8.4	17.6	17.9	17.8	17.8	-.35	.64
2	7	87	21	290.	2.9	6.4	6.0	17.1	17.3	16.8	16.1	-.19	.67
2	7	87	22	304.	3.4	6.4	5.8	16.3	17.6	15.5	15.1	.02	.69
2	7	87	23	302.	3.6	6.0	5.8	10.5	12.1	13.9	13.3	.21	.76
2	7	87	24	308.	4.1	5.8	5.6	5.6	6.4	13.1	12.6	.27	.77
3	7	87	1	301.	3.8	5.2	5.0	6.1	7.4	12.3	11.8	.33	.79
3	7	87	2	301.	3.6	6.2	5.8	6.4	8.7	11.8	11.2	.37	.81
3	7	87	3	304.	3.5	5.2	5.0	5.8	6.1	11.3	10.7	.46	.83
3	7	87	4	304.	3.9	5.8	5.4	4.0	4.7	10.8	10.3	.46	.86
3	7	87	5	298.	3.6	5.2	5.0	4.0	4.7	11.3	11.6	-.10	.85
3	7	87	6	308.	3.0	4.4	4.4	4.9	5.4	12.4	13.2	-.35	.81
3	7	87	7	312.	2.6	4.2	4.0	7.0	8.4	13.8	14.9	-.47	.78
3	7	87	8	285.	2.1	3.0	2.8	8.6	12.3	15.3	16.4	-.53	.74
3	7	87	9	294.	1.9	3.0	2.8	9.6	11.1	16.5	17.3	-.81	.73
3	7	87	10	267.	1.3	2.6	2.4	23.2	25.0	18.0	18.8	-1.03	.72
3	7	87	11	280.	1.8	3.4	3.2	39.9	47.1	19.3	20.3	-1.22	.68
3	7	87	12	129.	2.7	6.2	5.6	37.9	77.7	19.1	20.2	-.88	.71
3	7	87	13	131.	3.9	6.6	5.8	12.6	13.6	18.1	19.0	-.57	.76
3	7	87	14	135.	3.1	5.8	5.6	16.6	20.1	17.8	18.8	-.32	.75
3	7	87	15	124.	3.5	5.6	5.4	11.5	12.4	17.3	18.1	-.44	.76
3	7	87	16	135.	3.0	5.4	5.4	13.2	13.8	17.2	17.9	-.41	.79
3	7	87	17	121.	2.7	4.6	4.4	11.0	11.8	16.6	17.1	-.32	.81
3	7	87	18	115.	2.8	4.6	4.2	9.6	10.1	16.4	16.9	-.35	.85
3	7	87	19	124.	2.9	5.2	4.6	10.6	11.8	16.1	16.6	-.41	.89
3	7	87	20	132.	2.9	4.8	4.6	8.8	9.2	15.0	15.0	-.26	.91
3	7	87	21	122.	2.7	5.0	4.8	9.3	11.2	13.5	13.1	-.07	.96
3	7	87	22	115.	3.0	4.6	4.4	8.1	8.8	12.4	12.0	.02	.97
3	7	87	23	108.	2.1	4.0	4.0	5.4	7.8	11.9	11.4	.09	.97
3	7	87	24	134.	.8	2.4	2.2	40.0	41.5	11.9	11.5	-.01	.97

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
4	7	87	1	325.	.8	1.8	1.8	34.8	46.7	11.5	10.7	-.01	.96
4	7	87	2	304.	1.9	3.4	3.2	6.4	8.4	10.8	10.5	.12	.96
4	7	87	3	312.	1.3	2.8	2.4	10.9	12.0	10.7	10.8	-.10	.96
4	7	87	4	315.	1.2	2.4	2.2	12.3	13.6	10.3	10.5	-.16	.96
4	7	87	5	305.	1.4	2.6	2.4	9.7	13.5	10.0	10.2	-.16	.95
4	7	87	6	340.	1.1	2.6	2.4	19.0	21.5	11.6	12.7	-.22	.93
4	7	87	7	316.	1.0	2.6	2.4	23.7	26.0	13.5	14.7	-.29	.84
4	7	87	8	270.	1.2	2.6	2.2	24.6	32.5	15.7	16.9	-.63	.76
4	7	87	9	229.	1.5	4.4	4.0	21.2	25.8	17.2	18.1	-.97	.75
4	7	87	10	122.	2.6	4.8	4.6	37.0	44.8	17.4	18.6	-.69	.79
4	7	87	11	125.	3.4	6.0	5.6	13.3	13.9	17.2	18.5	-.72	.83
4	7	87	12	143.	3.7	6.6	5.8	15.0	17.1	17.2	18.5	-.57	.79
4	7	87	13	132.	4.4	7.6	6.8	12.8	13.8	17.4	18.6	-.53	.76
4	7	87	14	135.	4.1	7.6	7.2	16.2	17.7	17.6	19.2	-.44	.76
4	7	87	15	138.	4.2	8.4	8.2	17.8	18.5	17.8	19.1	-.44	.78
4	7	87	16	165.	4.0	8.2	8.0	17.9	21.4	18.2	19.6	-.44	.76
4	7	87	17	156.	4.7	8.0	7.8	14.1	15.5	18.1	19.5	-.38	.72
4	7	87	18	125.	3.6	7.2	6.6	18.1	24.2	17.2	18.0	-.35	.79
4	7	87	19	117.	4.2	6.6	6.4	9.4	9.8	14.9	15.2	-.29	.96
4	7	87	20	112.	4.1	6.4	6.0	9.1	9.4	14.3	14.4	-.19	.97
4	7	87	21	122.	4.7	7.2	7.0	7.3	7.7	13.9	13.8	-.10	.97
4	7	87	22	125.	3.1	6.2	6.0	11.4	11.7	13.7	13.6	-.01	.97
4	7	87	23	100.	2.1	3.0	3.0	5.3	8.6	13.7	13.1	.15	.97
4	7	87	24	87.	1.4	2.4	2.2	8.1	14.0	13.5	12.6	.30	.97
5	7	87	1	75.	.8	1.8	1.8	50.9	73.6	13.1	12.4	.33	.97
5	7	87	2	347.	.6	1.8	1.6	26.8	42.4	12.9	12.2	.40	.97
5	7	87	3	309.	1.0	2.2	2.0	27.2	31.2	12.6	12.3	.37	.97
5	7	87	4	314.	1.0	2.6	2.4	34.6	45.3	12.4	11.9	.24	.97
5	7	87	5	330.	1.5	2.6	2.4	6.1	14.2	12.4	12.3	-.04	.97
5	7	87	6	271.	.8	2.2	2.0	38.3	54.6	12.8	13.0	-.22	.97
5	7	87	7	357.	.5	1.6	1.4	41.5	57.0	15.4	16.5	.02	.95
5	7	87	8	264.	.9	2.6	2.4	42.1	43.7	18.5	20.0	-.44	.83
5	7	87	9	235.	1.1	2.6	2.4	52.0	55.7	21.2	22.3	-.94	.73
5	7	87	10	194.	1.3	3.6	3.2	64.0	72.6	22.3	23.8	-1.03	.72
5	7	87	11	169.	1.6	4.8	4.6	42.8	56.3	22.3	23.1	-1.03	.72
5	7	87	12	152.	3.2	7.2	7.0	26.4	27.7	21.1	22.0	-.38	.78
5	7	87	13	117.	3.5	6.4	6.0	16.5	22.0	20.5	21.3	-.29	.82
5	7	87	14	103.	3.3	5.8	5.2	11.2	12.6	19.6	20.4	-.44	.91
5	7	87	15	114.	2.1	4.8	4.4	15.5	17.6	20.5	21.4	-.44	.91
5	7	87	16	218.	1.8	6.4	5.6	67.7	126.0	23.3	24.3	-.53	.81
5	7	87	17	200.	3.0	8.2	7.6	25.0	34.1	24.4	25.4	-.97	.74
5	7	87	18	166.	3.2	8.2	7.4	17.3	19.4	22.9	24.0	-.41	.81
5	7	87	19	191.	3.6	7.6	7.4	15.7	18.2	22.2	22.9	-.22	.82
5	7	87	20	194.	4.6	8.4	7.6	15.1	15.1	21.4	21.5	-.19	.83
5	7	87	21	218.	4.3	8.2	7.6	14.4	15.2	20.1	19.9	-.07	.86
5	7	87	22	224.	3.7	8.6	8.0	23.8	24.9	19.1	18.9	.02	.88
5	7	87	23	284.	2.1	7.0	6.4	45.5	67.2	18.5	17.6	.12	.92
5	7	87	24	311.	2.8	6.8	6.2	13.5	18.4	18.2	17.5	.09	.92
6	7	87	1	325.	1.9	4.2	3.8	17.7	19.9	17.4	16.6	.12	.95
6	7	87	2	254.	1.6	3.8	3.4	42.2	117.0	17.2	15.9	.21	.95
6	7	87	3	330.	1.3	2.6	2.4	10.5	20.9	16.6	15.8	.21	.96
6	7	87	4	249.	.6	2.8	2.6	41.7	69.2	15.7	14.2	.12	.97
6	7	87	5	302.	1.1	2.8	2.6	16.1	25.7	15.7	15.1	.06	.97
6	7	87	6	256.	1.1	3.2	3.0	28.1	32.2	16.6	16.9	-.35	.92
6	7	87	7	221.	1.3	4.6	3.8	30.0	31.0	17.7	18.5	-.47	.92
6	7	87	8	232.	3.0	6.2	5.8	16.2	17.6	18.8	19.3	-.50	.86
6	7	87	9	232.	3.6	7.0	6.8	16.8	17.0	19.8	20.4	-.72	.81
6	7	87	10	221.	3.1	7.8	7.2	23.1	24.1	21.3	22.0	-.91	.79
6	7	87	11	148.	2.9	7.8	7.2	25.6	39.1	22.7	24.1	-.85	.80
6	7	87	12	153.	3.5	9.0	8.2	34.3	37.6	22.0	23.4	-.63	.85
6	7	87	13	165.	4.2	8.0	7.4	14.1	14.9	21.1	22.3	-.32	.84
6	7	87	14	181.	4.9	11.0	10.8	17.6	20.2	22.1	23.6	-.47	.79
6	7	87	15	188.	5.4	12.0	11.2	18.3	18.4	21.9	23.1	-.57	.78
6	7	87	16	191.	6.1	11.0	10.4	14.4	14.5	21.7	22.8	-.53	.77
6	7	87	17	188.	5.7	10.8	10.4	16.0	16.0	21.5	22.5	-.47	.76
6	7	87	18	200.	5.2	10.4	9.8	16.1	16.6	21.8	22.6	-.44	.76
6	7	87	19	208.	4.2	9.4	8.8	19.6	19.8	22.0	22.4	-.41	.78
6	7	87	20	188.	3.4	8.0	7.2	18.0	19.1	20.9	20.8	-.10	.82
6	7	87	21	205.	3.8	8.0	7.6	14.9	15.2	19.7	19.3	.06	.86
6	7	87	22	207.	2.6	6.8	6.4	17.5	19.1	19.0	18.4	.15	.87
6	7	87	23	232.	2.3	5.6	5.2	18.1	20.2	18.7	18.0	.18	.85
6	7	87	24	218.	1.1	4.2	3.8	37.9	39.2	18.2	16.6	.18	.87

	DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
7	7 87 1	263.	1.5	6.6	6.2	35.8	40.7	18.2	17.2	.15	.82
7	7 87 2	288.	2.1	7.2	7.0	19.7	23.8	18.0	17.3	.15	.82
7	7 87 3	298.	1.6	3.2	3.2	10.3	14.3	17.4	16.4	.15	.84
7	7 87 4	274.	.8	1.6	1.6	19.5	23.7	16.9	15.5	.21	.88
7	7 87 5	304.	.9	1.8	1.6	15.7	31.9	16.5	15.3	.15	.93
7	7 87 6	139.	.9	1.6	1.4	46.0	121.0	16.2	16.0	-.04	.97
7	7 87 7	149.	.4	1.4	1.2	61.8	87.5	17.1	17.7	-.26	.97
7	7 87 8	167.	.2	1.2	1.0	56.7	93.1	18.5	19.1	-.32	.92
7	7 87 9	290.	.2	1.4	1.2	66.3	83.5	19.9	20.4	-.26	.91
7	7 87 10	179.	.5	1.8	1.6	41.9	70.3	21.3	21.8	-.81	.83
7	7 87 11	129.	1.2	3.0	2.6	35.1	38.8	21.7	22.8	-.63	.81
7	7 87 12	128.	2.6	4.2	4.0	11.1	11.9	20.5	21.3	-.41	.86
7	7 87 13	114.	3.5	6.2	5.4	11.5	12.9	20.3	21.2	-.50	.88
7	7 87 14	120.	4.0	6.6	6.4	11.8	12.7	19.7	20.6	-.44	.92
7	7 87 15	118.	3.4	7.0	6.6	18.3	24.2	20.6	21.6	-.35	.86
7	7 87 16	319.	3.5	6.8	6.4	46.9	82.1	19.0	19.2	-.29	.89
7	7 87 17	52.	3.9	7.6	7.2	12.1	31.3	14.9	14.9	-.16	.97
7	7 87 18	307.	1.7	6.2	5.8	41.3	91.9	15.3	15.5	-.07	.97
7	7 87 19	304.	1.9	6.4	6.2	30.2	42.1	15.2	15.4	-.10	.97
7	7 87 20	315.	.6	2.4	2.2	62.5	84.8	15.2	15.2	.09	.97
7	7 87 21	330.	1.6	3.6	3.4	18.7	20.6	15.1	15.1	.06	.97
7	7 87 22	312.	2.4	4.2	4.0	6.0	11.6	14.8	14.4	.06	.97
7	7 87 23	312.	2.7	4.2	4.0	6.3	7.0	14.4	14.3	-.04	.97
7	7 87 24	321.	2.5	3.6	3.4	6.4	10.2	13.7	13.7	-.04	.97
8	7 87 1	307.	2.9	4.4	4.0	5.8	9.1	13.2	13.2	-.07	.97
8	7 87 2	298.	3.2	4.8	4.8	6.9	9.8	12.8	12.8	-.10	.97
8	7 87 3	316.	2.7	4.6	4.4	8.1	9.8	12.3	12.3	-.07	.97
8	7 87 4	308.	2.6	4.8	4.4	7.3	8.8	11.7	11.4	.02	.97
8	7 87 5	307.	2.9	4.8	4.6	7.3	8.1	12.0	12.0	-.04	.92
8	7 87 6	312.	3.0	6.0	5.6	11.5	11.9	12.9	13.6	-.22	.83
8	7 87 7	308.	4.6	7.0	7.0	8.7	9.1	13.8	14.5	-.26	.76
8	7 87 8	308.	5.1	8.8	8.6	10.1	10.3	14.9	15.7	-.38	.70
8	7 87 9	302.	5.0	7.8	7.4	10.8	11.1	16.1	17.0	-.57	.66
8	7 87 10	302.	4.5	7.6	7.0	11.6	12.0	17.3	18.2	-.72	.64
8	7 87 11	302.	3.5	6.2	5.8	13.2	13.8	18.5	19.6	-.91	.61
8	7 87 12	299.	3.0	5.8	5.6	14.2	15.2	19.4	20.6	-.94	.60
8	7 87 13	309.	2.7	6.6	6.2	13.6	14.3	19.8	21.0	-.75	.59
8	7 87 14	299.	2.7	5.4	5.0	15.2	17.4	19.7	20.7	-.60	.59
8	7 87 15	319.	2.9	6.8	6.2	14.4	15.5	19.9	20.9	-.53	.59
8	7 87 16	312.	2.7	5.6	5.2	15.7	17.0	20.1	21.1	-.44	.57
8	7 87 17	298.	3.0	5.8	5.4	15.5	16.3	20.3	21.3	-.63	.56
8	7 87 18	305.	3.3	7.0	6.8	21.3	25.0	20.0	20.5	-.57	.56
8	7 87 19	312.	4.2	8.0	7.4	14.1	15.0	19.8	20.5	-.44	.54
8	7 87 20	290.	3.4	7.4	7.0	17.4	19.0	18.1	18.0	-.19	.58
8	7 87 21	302.	3.9	8.2	7.2	13.7	14.7	16.6	16.3	-.07	.61
8	7 87 22	311.	3.0	5.4	5.0	11.8	13.8	15.5	15.1	.02	.65
8	7 87 23	307.	3.6	6.2	5.6	12.2	12.7	14.6	14.3	-.01	.68
8	7 87 24	299.	4.0	6.4	6.0	8.7	9.3	13.8	13.4	.02	.70
9	7 87 1	316.	4.3	6.8	6.6	9.4	10.1	13.3	13.0	-.01	.70
9	7 87 2	308.	4.8	8.0	7.6	9.1	10.0	13.2	13.0	-.04	.70
9	7 87 3	315.	4.0	7.4	7.0	8.8	9.2	12.7	12.5	-.04	.71
9	7 87 4	309.	3.9	6.2	6.0	8.3	8.7	12.3	12.1	-.07	.74
9	7 87 5	307.	3.4	5.0	4.6	6.3	6.6	12.1	12.1	-.10	.76
9	7 87 6	318.	2.9	5.4	5.4	8.4	10.2	12.5	12.9	-.22	.77
9	7 87 7	3.	2.1	4.6	4.4	13.5	18.4	13.6	14.3	-.19	.80
9	7 87 8	20.	2.2	5.6	4.8	19.1	21.2	14.2	15.3	-.19	.82
9	7 87 9	304.	2.8	7.0	6.6	23.9	42.1	14.3	15.3	-.41	.82
9	7 87 10	314.	3.4	5.4	5.0	8.7	10.8	12.0	12.5	-.41	.94
9	7 87 11	13.	2.6	5.8	5.6	14.6	26.1	13.0	14.1	-.32	.91
9	7 87 12	315.	1.7	3.6	3.4	20.6	37.1	14.5	15.7	-.50	.87
9	7 87 13	25.	1.8	3.8	3.6	35.9	43.2	15.1	16.7	-.50	.84
9	7 87 14	280.	2.9	6.8	6.4	21.6	36.8	13.8	14.6	-.57	.81
9	7 87 15	4.	3.2	7.4	7.2	17.2	37.4	11.5	11.7	-.32	.92
9	7 87 16	302.	2.9	5.4	5.2	20.0	36.7	10.7	10.9	-.07	.94
9	7 87 17	297.	2.7	5.6	5.2	11.2	11.8	11.8	12.3	-.35	.92
9	7 87 18	299.	3.0	6.6	6.6	13.5	14.2	12.3	12.7	-.38	.90
9	7 87 19	4.	2.2	4.4	4.2	14.1	28.9	12.6	13.1	-.29	.91
9	7 87 20	311.	1.3	2.8	2.6	11.4	19.7	12.8	13.3	-.19	.93
9	7 87 21	28.	1.8	4.4	4.2	7.7	17.5	12.1	11.9	-.01	.97
9	7 87 22	307.	1.3	2.6	2.4	5.8	33.9	11.7	11.0	.09	.97
9	7 87 23	291.	2.3	4.4	4.2	9.2	19.2	11.5	11.0	.06	.95
9	7 87 24	301.	2.1	3.4	3.4	8.1	14.7	11.1	10.9	.06	.93

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
10	7	87	1	302.	2.8	5.0	4.6	6.4	7.2	11.0	10.9	.02	.92
10	7	87	2	312.	3.6	6.4	5.8	9.8	12.9	11.1	11.0	-.01	.88
10	7	87	3	319.	3.9	7.6	7.4	9.5	11.3	11.2	11.2	-.07	.87
10	7	87	4	316.	3.6	6.2	5.8	9.8	10.3	11.2	11.1	-.07	.86
10	7	87	5	332.	4.2	8.4	7.6	10.2	11.1	11.2	11.2	-.10	.85
10	7	87	6	343.	4.4	8.0	7.6	10.9	11.7	10.4	10.5	-.16	.88
10	7	87	7	344.	2.7	6.0	5.6	11.2	16.0	9.5	9.5	-.19	.94
10	7	87	8	357.	2.4	5.4	5.2	14.4	15.4	10.1	10.4	-.22	.91
10	7	87	9	10.	4.1	8.4	7.2	12.4	12.9	10.8	11.7	-.26	.83
10	7	87	10	359.	3.2	7.0	6.8	14.0	14.9	12.1	13.8	-.44	.79
10	7	87	11	39.	2.0	5.6	5.6	33.2	34.8	14.1	15.8	-.66	.76
10	7	87	12	259.	1.2	4.2	4.0	58.0	84.8	15.2	16.4	-.85	.73
10	7	87	13	112.	1.5	5.2	4.6	57.5	94.4	15.4	16.8	-.78	.74
10	7	87	14	207.	1.4	3.8	3.6	70.5	76.8	16.7	18.3	-.88	.70
10	7	87	15	190.	4.3	9.0	8.4	19.1	19.9	16.0	17.4	-1.00	.75
10	7	87	16	115.	3.2	7.8	7.2	25.6	34.8	15.4	16.7	-.44	.80
10	7	87	17	165.	3.8	7.0	6.8	13.8	21.0	14.6	15.1	-.29	.84
10	7	87	18	152.	3.2	6.8	6.4	15.8	17.9	14.8	15.5	-.22	.84
10	7	87	19	89.	1.9	4.0	4.0	14.6	21.3	13.9	14.0	-.13	.93
10	7	87	20	122.	2.1	4.2	4.0	29.2	37.4	13.1	13.1	-.10	.97
10	7	87	21	63.	3.2	6.6	5.8	17.9	19.3	12.4	12.0	-.01	.95
10	7	87	22	70.	2.9	4.8	4.6	10.5	18.2	11.4	10.8	.21	.89
10	7	87	23	312.	2.3	4.2	4.0	46.8	76.7	11.1	10.1	.37	.89
10	7	87	24	321.	3.3	5.2	5.0	7.7	13.8	10.5	9.8	.18	.91
11	7	87	1	312.	3.3	5.2	5.2	5.3	7.4	10.0	9.5	.15	.92
11	7	87	2	318.	3.5	5.2	5.0	5.8	8.2	9.6	9.0	.15	.92
11	7	87	3	308.	2.9	4.2	4.0	3.7	5.3	8.9	8.3	.21	.94
11	7	87	4	321.	2.5	3.6	3.4	5.8	9.1	8.7	8.1	.09	.94
11	7	87	5	322.	2.3	3.2	3.0	6.4	8.3	8.9	9.0	-.13	.92
11	7	87	6	316.	1.6	2.8	2.6	11.6	13.9	10.0	10.9	-.10	.88
11	7	87	7	307.	1.2	2.2	2.0	17.4	25.9	11.7	13.3	.02	.83
11	7	87	8	114.	1.0	3.2	3.0	50.9	97.7	14.3	15.8	-.41	.77
11	7	87	9	159.	1.8	4.4	4.0	37.3	45.7	15.8	17.3	-.69	.68
11	7	87	10	167.	2.7	5.6	5.2	22.4	26.1	15.9	17.4	-.66	.67
11	7	87	11	146.	2.8	5.6	5.0	23.9	30.2	16.3	17.9	-.91	.67
11	7	87	12	166.	3.7	7.4	6.4	19.1	19.9	16.0	17.6	-.53	.70
11	7	87	13	128.	3.6	7.6	6.8	19.4	24.3	16.5	18.2	-.57	.69
11	7	87	14	172.	3.9	8.2	7.6	21.2	23.9	16.5	18.0	-.50	.68
11	7	87	15	155.	4.4	8.2	7.8	15.8	18.1	16.5	18.1	-.47	.64
11	7	87	16	177.	4.2	8.0	7.6	19.1	21.0	16.5	18.1	-.41	.63
11	7	87	17	141.	3.5	7.0	6.6	19.2	26.1	16.6	17.9	-.44	.66
11	7	87	18	174.	3.5	6.2	5.8	15.1	20.3	16.3	17.6	-.35	.68
11	7	87	19	167.	2.5	6.2	5.8	14.7	16.2	15.4	16.1	-.22	.70
11	7	87	20	155.	1.5	3.2	3.0	11.2	12.3	15.2	15.6	-.19	.76
11	7	87	21	181.	1.5	2.4	2.2	6.7	9.8	14.4	13.2	-.10	.87
11	7	87	22	249.	1.1	2.2	2.0	2.4	23.5	13.0	10.9	.30	.93
11	7	87	23	284.	1.1	2.2	2.0	6.3	25.7	12.6	10.7	.27	.93
11	7	87	24	280.	1.2	2.0	1.8	9.8	28.3	11.0	10.1	.89	.97
12	7	87	1	326.	1.8	3.0	2.8	5.6	16.2	10.2	9.0	.86	.95
12	7	87	2	323.	2.7	4.2	4.0	4.7	5.8	9.4	8.1	.43	.89
12	7	87	3	335.	3.9	6.0	5.8	6.1	7.8	8.9	8.3	.21	.87
12	7	87	4	328.	2.7	5.2	5.0	8.1	8.9	8.7	8.5	.12	.90
12	7	87	5	326.	2.9	4.4	4.0	6.4	7.3	8.9	9.1	-.13	.92
12	7	87	6	325.	2.9	4.2	3.8	7.3	7.8	9.6	10.1	-.10	.89
12	7	87	7	318.	2.3	4.0	3.6	9.5	10.6	10.5	11.1	-.19	.87
12	7	87	8	346.	2.0	3.4	3.2	12.2	14.9	12.5	13.6	-.19	.82
12	7	87	9	349.	2.2	3.8	3.6	14.4	19.7	14.4	15.5	-.35	.77
12	7	87	10	301.	1.8	4.8	4.6	33.7	46.7	17.2	18.7	-.60	.68
12	7	87	11	8.	2.0	5.6	5.2	55.0	78.4	18.6	19.9	-.88	.65
12	7	87	12	90.	1.8	4.8	4.4	35.6	46.2	19.4	20.6	-.72	.61
12	7	87	13	274.	1.4	4.0	3.8	56.4	91.5	19.7	20.7	-.78	.59
12	7	87	14	201.	1.3	3.0	3.0	36.6	57.5	20.2	21.4	-.66	.58
12	7	87	15	170.	2.7	6.0	5.4	22.3	27.3	19.9	21.1	-.66	.61
12	7	87	16	180.	3.5	6.0	5.6	14.7	16.4	18.7	19.4	-.32	.64
12	7	87	17	186.	3.4	7.4	7.2	16.6	17.6	18.3	18.9	-.29	.63
12	7	87	18	231.	2.7	5.8	5.4	19.5	23.9	17.8	18.1	-.22	.65
12	7	87	19	176.	1.5	4.8	4.2	17.6	30.4	17.1	17.0	-.16	.67
12	7	87	20	149.	1.9	3.4	3.2	10.3	16.0	16.3	15.8	.06	.73
12	7	87	21	172.	2.2	3.6	3.4	10.4	15.4	15.8	15.2	.09	.77
12	7	87	22	319.	5.0	11.6	10.4	24.5	55.0	14.2	14.0	-.10	.82
12	7	87	23	336.	4.4	8.6	7.8	11.2	12.3	12.0	11.9	-.13	.87
12	7	87	24	329.	3.5	7.0	6.6	9.7	13.0	11.6	11.5	-.07	.89

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
13	7	87	1	337.	2.9	5.2	4.8	10.0	16.0	11.1	11.0	-.04	.93
13	7	87	2	344.	3.3	6.4	6.0	11.8	13.2	10.7	10.7	-.07	.95
13	7	87	3	17.	5.1	10.8	10.0	13.9	18.2	10.6	10.5	-.04	.95
13	7	87	4	13.	5.5	12.6	11.6	14.0	18.9	10.6	10.4	-.01	.96
13	7	87	5	347.	4.2	9.8	8.8	13.0	15.1	10.7	10.5	-.01	.92
13	7	87	6	335.	3.2	7.6	7.0	12.5	14.3	10.6	10.6	-.10	.93
13	7	87	7	4.	3.3	6.8	6.4	13.0	16.9	12.4	13.3	-.10	.89
13	7	87	8	1.	4.0	8.6	7.8	16.8	17.2	13.9	15.3	-.19	.84
13	7	87	9	354.	4.0	7.6	7.0	13.6	14.3	14.4	15.4	-.26	.81
13	7	87	10	346.	2.9	6.2	6.0	26.1	28.6	16.4	17.9	-.63	.77
13	7	87	11	14.	2.8	6.8	6.4	34.8	35.9	17.5	19.2	-.72	.74
13	7	87	12	35.	3.3	7.8	7.6	34.6	40.0	18.3	19.8	-.72	.69
13	7	87	13	7.	3.3	8.8	8.4	39.3	40.5	18.4	19.8	-.47	.62
13	7	87	14	34.	1.8	4.4	4.0	18.7	21.2	18.4	19.3	-.29	.66
13	7	87	15	94.	2.0	4.4	4.2	23.1	35.2	18.8	19.7	-.57	.66
13	7	87	16	197.	2.0	5.0	4.6	28.8	47.3	19.4	20.7	-.66	.68
13	7	87	17	166.	3.0	5.8	5.4	22.6	24.5	18.8	20.3	-.53	.75
13	7	87	18	159.	2.6	4.8	4.6	14.3	15.7	17.2	17.7	-.16	.81
13	7	87	19	173.	2.5	4.6	4.4	12.4	13.6	17.2	17.5	-.13	.80
13	7	87	20	190.	2.5	5.2	5.2	12.4	13.5	16.5	16.5	-.07	.82
13	7	87	21	157.	2.2	4.8	4.6	18.2	22.6	15.8	15.6	-.01	.85
13	7	87	22	183.	1.0	3.0	2.8	27.9	30.3	15.3	14.5	.09	.88
13	7	87	23	218.	1.5	4.4	4.0	23.3	26.1	15.5	15.0	.09	.84
13	7	87	24	172.	1.1	3.4	3.2	34.0	55.3	15.1	14.2	.18	.89
14	7	87	1	98.	2.2	3.2	3.0	14.4	24.6	14.7	13.5	.43	.93
14	7	87	2	120.	2.4	3.2	3.0	4.2	12.8	14.6	13.4	.49	.92
14	7	87	3	110.	.6	3.2	3.0	55.0	89.2	14.2	13.0	.12	.91
14	7	87	4	76.	1.1	2.4	2.2	39.6	89.3	14.1	12.2	.21	.96
14	7	87	5	90.	1.8	2.8	2.6	5.6	9.2	14.2	13.8	.15	.91
14	7	87	6	41.	1.2	2.6	2.4	37.3	51.9	14.2	14.3	.02	.94
14	7	87	7	98.	1.5	2.8	2.6	10.9	18.7	14.5	14.6	-.26	.89
14	7	87	8	124.	1.9	3.8	3.4	14.4	21.8	15.8	16.9	-.44	.83
14	7	87	9	121.	2.5	4.8	4.6	21.2	21.8	16.9	18.4	-.57	.85
14	7	87	10	127.	3.4	5.8	5.8	17.4	20.0	17.3	18.6	-.69	.86
14	7	87	11	121.	3.8	6.0	5.6	15.4	16.3	17.7	19.1	-.66	.83
14	7	87	12	155.	3.7	6.2	5.8	17.9	22.2	17.9	19.4	-.53	.81
14	7	87	13	172.	3.7	7.4	6.6	20.0	21.7	18.4	19.9	-.50	.80
14	7	87	14	145.	4.4	8.0	7.8	18.1	19.8	18.3	19.8	-.50	.79
14	7	87	15	152.	3.7	8.2	7.4	16.0	17.4	17.4	18.4	-.38	.86
14	7	87	16	160.	3.7	7.2	6.6	15.6	17.7	17.3	18.5	-.26	.85
14	7	87	17	120.	3.2	6.0	5.6	17.2	23.2	17.7	18.8	-.41	.87
14	7	87	18	127.	4.4	6.6	6.4	9.5	11.8	16.8	17.5	-.44	.91
14	7	87	19	129.	3.5	5.8	5.8	11.3	11.8	16.2	16.7	-.35	.95
14	7	87	20	127.	3.0	4.8	4.8	10.2	12.1	15.5	15.5	-.26	.97
14	7	87	21	131.	3.2	4.6	4.4	7.2	7.3	14.4	14.0	-.07	.97
14	7	87	22	134.	2.4	3.6	3.4	6.7	7.8	13.5	13.0	.24	.97
14	7	87	23	127.	2.3	3.0	2.8	6.0	7.6	13.1	12.1	.37	.97
14	7	87	24	129.	2.6	3.4	3.4	6.1	7.2	13.0	12.3	.40	.97
15	7	87	1	128.	2.6	4.0	3.6	6.4	9.1	12.9	12.2	.37	.97
15	7	87	2	155.	1.8	2.8	2.8	5.8	18.1	12.6	11.7	.37	.97
15	7	87	3	163.	.8	2.0	1.8	20.5	26.9	12.5	11.1	.33	.97
15	7	87	4	333.	.2	.8	.8	46.7	122.2	11.9	10.8	.49	.97
15	7	87	5	329.	1.2	3.0	3.0	14.2	18.3	11.9	11.4	.24	.97
15	7	87	6	353.	1.3	2.4	2.2	7.8	16.0	12.0	12.7	.24	.97
15	7	87	7	165.	.6	1.6	1.6	41.3	69.3	14.8	16.2	.18	.94
15	7	87	8	224.	.6	2.0	1.8	56.6	78.4	17.2	18.4	-.44	.90
15	7	87	9	145.	2.0	5.4	5.2	34.6	48.0	18.2	19.6	-.63	.87
15	7	87	10	139.	3.3	6.2	5.8	19.3	21.2	18.3	19.8	-.60	.83
15	7	87	11	143.	3.9	7.0	6.8	15.7	16.8	18.6	19.9	-.66	.78
15	7	87	12	138.	3.4	5.8	5.6	18.1	19.4	19.4	20.9	-.53	.73
15	7	87	13	132.	3.0	5.6	5.4	21.8	24.2	20.3	21.8	-.57	.73
15	7	87	14	141.	3.5	6.4	6.2	19.9	21.5	21.0	22.4	-.53	.70
15	7	87	15	138.	3.7	6.6	6.2	18.0	19.0	21.3	22.8	-.41	.69
15	7	87	16	148.	4.5	8.6	8.0	16.3	16.6	21.2	22.3	-.35	.67
15	7	87	17	146.	4.2	8.4	8.0	14.5	14.7	20.6	21.7	-.32	.67
15	7	87	18	138.	3.2	5.6	5.4	14.7	14.9	20.6	21.5	-.26	.67
15	7	87	19	115.	2.8	5.2	4.8	13.8	16.9	20.0	20.2	-.16	.70
15	7	87	20	94.	2.5	4.4	4.2	8.6	11.9	19.2	18.5	-.01	.75
15	7	87	21	90.	2.4	4.2	4.0	8.4	10.1	18.4	17.6	.12	.77
15	7	87	22	90.	3.3	6.6	6.0	10.1	10.4	17.8	16.9	.24	.78
15	7	87	23	97.	4.0	7.4	7.0	11.2	12.1	17.6	17.1	.12	.79
15	7	87	24	122.	4.2	7.8	7.4	11.2	13.8	17.6	17.3	.02	.80

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
16	7	87	1	120.	2.9	6.0	5.8	7.4	9.4	17.1	16.6	.06	.88
16	7	87	2	121.	3.2	5.8	5.2	9.8	10.1	16.7	16.4	.02	.91
16	7	87	3	122.	3.9	6.8	6.4	11.7	12.0	16.7	16.4	.06	.89
16	7	87	4	120.	3.4	6.2	5.6	11.2	12.5	16.3	16.0	-.01	.89
16	7	87	5	87.	3.6	6.6	6.2	11.2	13.0	15.9	15.7	-.04	.87
16	7	87	6	101.	3.4	7.0	6.4	14.3	14.9	15.7	15.7	-.16	.89
16	7	87	7	97.	4.3	7.6	7.4	12.9	13.3	15.9	16.1	-.26	.87
16	7	87	8	101.	4.4	9.2	9.0	13.9	14.4	16.2	16.3	-.26	.84
16	7	87	9	96.	4.7	8.8	8.2	13.6	14.2	16.5	16.7	-.29	.82
16	7	87	10	100.	4.5	9.8	9.0	14.5	15.1	16.9	17.1	-.32	.79
16	7	87	11	112.	5.0	8.8	8.2	11.2	11.8	17.3	17.6	-.29	.76
16	7	87	12	120.	4.3	8.4	7.6	14.3	15.2	17.3	17.4	-.19	.74
16	7	87	13	105.	2.0	5.4	5.0	16.2	19.0	16.3	16.5	-.07	.85
16	7	87	14	37.	1.5	3.8	3.4	8.0	23.0	15.4	15.6	.09	.97
16	7	87	15	20.	2.6	4.2	4.0	9.1	9.7	15.3	15.5	-.04	.90
16	7	87	16	24.	1.7	3.6	3.4	13.0	13.8	15.7	16.2	-.16	.88
16	7	87	17	34.	1.3	3.8	3.6	13.8	16.2	16.2	16.7	-.16	.86
16	7	87	18	41.	1.2	2.6	2.4	19.6	21.3	16.6	17.0	-.13	.86
16	7	87	19	41.	1.4	3.4	3.2	15.0	23.8	16.6	16.3	.09	.91
16	7	87	20	340.	1.0	2.8	2.6	23.5	33.7	16.9	16.9	-.10	.84
16	7	87	21	45.	1.4	4.8	4.4	34.2	38.6	16.4	15.8	.15	.84
16	7	87	22	52.	2.2	6.6	5.8	33.7	35.2	16.4	15.9	.12	.79
16	7	87	23	72.	3.7	8.6	7.8	16.8	18.2	16.3	16.0	.06	.78
16	7	87	24	76.	4.6	9.2	8.4	14.1	14.3	16.2	15.9	-.01	.79
17	7	87	1	66.	4.6	8.6	8.0	14.1	14.8	15.4	15.0	.02	.82
17	7	87	2	67.	4.6	9.0	8.6	14.4	14.5	14.6	14.2	.02	.85
17	7	87	3	63.	4.5	8.8	8.6	14.1	14.7	14.0	13.6	-.01	.88
17	7	87	4	60.	5.2	10.0	9.2	14.2	14.9	13.5	13.2	-.04	.90
17	7	87	5	59.	4.8	9.6	9.4	15.7	15.8	13.4	13.5	-.10	.91
17	7	87	6	83.	4.9	11.4	10.0	18.8	20.8	14.0	14.6	-.29	.90
17	7	87	7	82.	5.1	10.6	10.0	16.8	18.4	14.7	15.7	-.41	.88
17	7	87	8	75.	5.4	11.4	11.2	17.4	17.7	15.6	16.6	-.50	.82
17	7	87	9	80.	5.8	12.4	11.8	17.7	18.2	16.7	17.7	-.69	.80
17	7	87	10	84.	6.5	12.4	11.8	17.8	18.7	17.5	18.5	-.69	.76
17	7	87	11	84.	6.4	12.8	12.2	17.4	18.0	18.5	19.5	-.72	.71
17	7	87	12	76.	7.4	13.6	12.4	15.8	16.5	19.0	19.9	-.63	.65
17	7	87	13	94.	7.0	13.2	12.0	17.5	19.5	19.6	20.6	-.66	.64
17	7	87	14	72.	6.8	13.6	13.0	20.1	20.9	20.1	21.0	-.63	.63
17	7	87	15	83.	7.3	14.8	13.2	17.0	17.7	20.3	21.1	-.60	.63
17	7	87	16	93.	7.2	15.2	13.8	17.1	18.5	20.4	21.1	-.50	.64
17	7	87	17	86.	7.4	13.2	12.8	15.2	16.6	20.6	21.1	-.44	.64
17	7	87	18	97.	6.4	14.8	13.8	15.5	15.8	20.4	20.7	-.35	.64
17	7	87	19	83.	5.9	12.4	11.8	16.6	17.3	20.2	20.3	-.29	.65
17	7	87	20	86.	5.2	10.0	9.4	15.5	15.5	19.5	19.2	-.16	.66
17	7	87	21	80.	5.1	11.2	10.4	15.3	15.6	18.7	18.3	-.04	.66
17	7	87	22	98.	5.1	12.0	11.4	16.2	17.5	18.0	17.5	.02	.69
17	7	87	23	97.	4.6	11.0	10.4	13.6	13.8	17.0	16.5	.02	.79
17	7	87	24	87.	6.0	14.8	14.2	15.4	16.5	16.3	16.0	-.01	.85
18	7	87	1	86.	7.2	20.8	18.8	15.8	16.1	15.5	15.3	-.07	.83
18	7	87	2	70.	6.1	15.0	13.6	16.5	17.0	14.5	14.2	-.07	.81
18	7	87	3	65.	6.4	15.2	13.8	16.2	16.8	13.6	13.4	-.07	.82
18	7	87	4	62.	7.7	15.4	14.6	16.7	16.9	13.2	13.2	-.10	.83
18	7	87	5	58.	7.2	14.6	14.0	18.5	18.8	12.8	12.8	-.13	.81
18	7	87	6	56.	5.8	14.6	12.6	22.5	22.7	12.6	12.8	-.19	.81
18	7	87	7	59.	5.9	15.4	13.8	24.7	25.0	13.1	13.5	-.26	.81
18	7	87	8	60.	6.9	13.8	12.6	22.4	22.8	14.1	14.5	-.29	.80
18	7	87	9	76.	7.6	16.4	15.4	19.6	20.4	14.7	14.9	-.19	.77
18	7	87	10	63.	5.7	12.8	12.0	18.2	18.6	15.3	15.3	-.16	.78
18	7	87	11	94.	4.1	9.0	8.4	13.1	14.9	13.4	13.0	.09	.91
18	7	87	12	100.	3.0	6.0	5.4	14.6	19.7	11.6	11.5	.15	.97
18	7	87	13	108.	3.9	7.8	7.6	13.6	15.2	11.1	11.0	-.07	.96
18	7	87	14	91.	3.9	8.6	8.0	15.4	17.4	10.8	10.7	-.10	.97
18	7	87	15	96.	3.4	6.8	6.6	15.7	16.4	11.3	11.3	-.07	.97
18	7	87	16	56.	1.9	5.0	5.0	16.3	24.0	11.5	11.6	-.10	.97
18	7	87	17	330.	1.4	4.0	3.8	23.1	55.1	11.7	11.9	-.10	.97
18	7	87	18	349.	2.3	3.8	3.8	6.9	9.0	11.5	11.7	-.13	.97
18	7	87	19	353.	1.9	4.0	3.8	7.0	7.4	11.7	11.9	-.13	.97
18	7	87	20	330.	2.6	5.2	4.8	8.0	9.9	11.8	11.8	-.10	.97
18	7	87	21	318.	2.3	3.6	3.4	6.4	11.2	11.9	11.9	-.07	.97
18	7	87	22	301.	2.1	3.8	3.6	10.6	15.1	11.9	11.9	-.07	.97
18	7	87	23	322.	2.9	4.4	4.2	8.4	15.6	12.0	12.0	-.04	.97
18	7	87	24	356.	2.7	5.8	5.4	9.4	12.7	12.0	11.9	-.01	.97

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
19	7	87	1	359.	1.9	4.2	4.0	11.7	12.1	12.2	12.0	.18	.97
19	7	87	2	59.	3.2	7.8	7.4	22.5	30.2	13.4	12.8	.40	.91
19	7	87	3	52.	4.0	7.4	6.8	15.8	16.1	14.0	13.5	.21	.85
19	7	87	4	53.	4.3	9.4	8.4	18.0	18.7	14.0	13.6	.09	.83
19	7	87	5	59.	4.9	9.2	8.8	18.2	18.5	14.3	14.1	-.07	.81
19	7	87	6	60.	5.2	12.6	12.4	18.1	18.1	14.2	14.1	-.10	.82
19	7	87	7	60.	5.6	12.2	11.0	17.6	17.7	14.3	14.3	-.10	.81
19	7	87	8	65.	5.1	11.0	10.4	22.0	23.0	14.7	14.9	-.16	.81
19	7	87	9	66.	5.5	12.2	11.2	21.1	21.3	15.2	15.3	-.16	.79
19	7	87	10	59.	6.4	13.8	13.4	16.3	16.5	15.5	15.4	-.10	.78
19	7	87	11	70.	7.3	13.6	13.0	15.4	15.9	16.1	16.1	-.13	.77
19	7	87	12	87.	5.9	12.0	11.0	17.9	18.4	16.9	17.0	-.22	.77
19	7	87	13	70.	5.7	11.4	10.6	16.1	16.8	16.9	16.8	-.13	.78
19	7	87	14	96.	5.0	10.4	9.8	16.6	18.6	16.8	16.6	-.04	.79
19	7	87	15	82.	3.4	8.4	8.0	16.3	17.8	16.3	15.9	.15	.87
19	7	87	16	91.	5.2	12.4	11.6	15.3	15.8	18.0	17.8	-.04	.80
19	7	87	17	100.	4.7	9.2	8.6	13.0	13.5	18.4	18.4	-.16	.78
19	7	87	18	143.	4.4	9.2	9.0	13.4	17.8	18.3	18.2	-.10	.78
19	7	87	19	139.	4.5	8.6	8.2	14.9	15.9	15.9	16.0	-.16	.87
19	7	87	20	152.	3.3	7.6	7.2	15.6	16.2	14.6	14.5	-.10	.87
19	7	87	21	150.	2.7	5.6	5.2	15.5	15.7	13.6	13.5	-.10	.94
19	7	87	22	350.	.9	3.0	3.0	34.2	84.7	13.0	12.5	-.07	.97
19	7	87	23	347.	2.1	4.2	4.0	4.2	12.3	13.0	12.4	.06	.95
19	7	87	24	356.	2.6	4.8	4.6	8.3	9.6	12.8	12.5	-.01	.95
20	7	87	1	347.	2.5	4.6	4.4	8.4	10.6	13.0	12.7	.06	.89
20	7	87	2	347.	2.1	4.0	3.8	7.0	7.6	12.9	12.6	-.01	.91
20	7	87	3	347.	2.7	5.4	5.0	8.2	8.8	13.0	12.7	-.01	.91
20	7	87	4	359.	2.6	4.8	4.4	8.6	9.7	13.1	12.8	.02	.91
20	7	87	5	342.	2.4	4.6	4.4	8.8	10.2	13.7	13.3	.09	.89
20	7	87	6	336.	3.1	5.4	5.2	8.8	13.0	13.8	13.8	.06	.90
20	7	87	7	32.	1.9	5.4	4.8	19.3	27.8	14.9	15.1	-.04	.88
20	7	87	8	45.	2.9	7.4	7.0	21.2	21.6	16.3	16.7	-.19	.83
20	7	87	9	56.	4.2	9.2	9.0	20.6	20.9	17.0	17.4	-.26	.81
20	7	87	10	51.	3.7	8.2	7.4	18.3	18.9	17.7	18.2	-.32	.80
20	7	87	11	59.	4.8	11.2	10.2	19.7	19.9	18.3	18.7	-.32	.80
20	7	87	12	35.	4.2	9.8	9.0	19.9	21.3	18.0	18.1	-.16	.82
20	7	87	13	44.	3.4	8.0	7.4	19.5	20.5	18.0	18.1	-.13	.83
20	7	87	14	49.	3.0	6.8	6.4	22.0	22.5	18.9	19.4	-.26	.82
20	7	87	15	66.	2.9	7.8	7.4	21.3	22.5	19.6	20.0	-.22	.81
20	7	87	16	63.	3.9	9.0	8.4	16.4	17.7	19.8	20.0	-.26	.78
20	7	87	17	69.	3.6	8.6	7.8	15.9	16.6	20.3	20.6	-.35	.77
20	7	87	18	60.	2.2	5.4	5.0	13.6	16.5	19.7	19.6	-.13	.80
20	7	87	19	8.	2.1	5.6	5.4	15.0	27.9	20.0	20.0	-.10	.80
20	7	87	20	7.	2.0	4.2	3.8	8.8	10.2	19.6	19.1	.06	.83
20	7	87	21	20.	2.6	4.0	3.8	5.6	8.1	19.1	17.6	.21	.84
20	7	87	22	25.	3.2	4.6	4.4	7.4	8.1	18.9	17.8	.15	.81
20	7	87	23	72.	2.7	6.6	6.0	14.5	21.7	18.4	17.8	.18	.80
20	7	87	24	82.	3.4	6.4	6.0	13.0	13.3	18.4	18.1	.06	.81
21	7	87	1	63.	2.8	6.0	5.6	12.0	14.8	17.9	17.6	.02	.84
21	7	87	2	66.	2.7	6.4	5.8	14.9	15.2	17.6	17.3	.02	.84
21	7	87	3	56.	2.8	6.2	5.8	15.1	17.5	17.4	17.1	.06	.84
21	7	87	4	66.	2.7	5.6	5.2	13.1	14.5	17.2	16.9	.02	.84
21	7	87	5	49.	2.1	4.4	4.2	11.7	13.8	16.9	16.7	-.01	.87
21	7	87	6	35.	1.8	3.2	3.0	13.9	16.2	16.7	16.6	-.01	.89
21	7	87	7	359.	1.8	4.0	3.8	9.4	16.0	16.9	16.8	-.01	.93
21	7	87	8	15.	2.2	5.0	4.8	13.0	14.4	17.1	17.1	-.04	.94
21	7	87	9	21.	1.2	3.4	3.2	16.7	18.5	17.9	18.4	-.13	.94
21	7	87	10	41.	2.2	5.2	5.0	20.1	21.1	19.1	19.7	-.29	.86
21	7	87	11	70.	2.3	5.6	5.2	27.2	30.4	20.7	21.8	-.53	.81
21	7	87	12	72.	3.8	8.8	8.6	19.0	20.8	22.1	23.0	-.75	.76
21	7	87	13	55.	3.8	8.4	8.0	22.6	25.5	22.8	23.9	-.66	.72
21	7	87	14	65.	3.6	9.4	9.0	21.8	24.1	23.4	24.5	-.78	.70
21	7	87	15	79.	2.9	6.4	5.8	25.2	27.6	23.7	24.7	-.69	.71
21	7	87	16	124.	2.9	5.8	5.4	17.0	24.2	23.6	24.5	-.53	.70
21	7	87	17	112.	1.6	3.4	3.2	38.9	40.9	24.7	26.3	-.41	.66
21	7	87	18	136.	1.9	4.0	3.8	17.4	20.2	24.5	25.8	-.29	.68
21	7	87	19	153.	1.9	3.4	3.2	13.8	15.8	23.1	23.8	-.13	.73
21	7	87	20	169.	2.5	3.8	3.8	9.4	10.2	21.8	21.5	-.01	.74
21	7	87	21	278.	1.4	2.8	2.6	25.5	38.9	20.9	19.0	.02	.78
21	7	87	22	283.	1.1	1.8	1.6	9.8	18.7	20.1	17.4	.33	.81
21	7	87	23	332.	2.3	3.4	3.2	4.4	14.6	18.3	16.7	.99	.88
21	7	87	24	330.	3.1	5.0	4.8	4.9	5.6	17.1	15.6	.58	.93

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
22	7	87	1	335.	3.1	4.8	4.2	3.4	4.9	15.6	14.4	.61	.97
22	7	87	2	319.	3.1	4.2	4.0	3.4	7.8	14.5	13.5	.52	.97
22	7	87	3	314.	3.3	4.6	4.2	4.4	7.0	13.2	12.7	.52	.97
22	7	87	4	333.	3.9	4.8	4.8	3.4	6.9	13.1	12.7	.96	.97
22	7	87	5	332.	3.1	4.4	4.2	6.1	6.6	14.4	14.2	.27	.92
22	7	87	6	330.	2.8	4.2	4.0	6.6	7.2	15.5	16.1	.12	.88
22	7	87	7	325.	2.4	4.8	4.2	10.0	10.9	17.4	18.6	-.07	.84
22	7	87	8	309.	1.8	3.6	3.0	12.3	13.6	19.4	20.6	-.41	.82
22	7	87	9	299.	1.6	3.0	2.8	13.3	15.0	21.7	22.9	-.78	.80
22	7	87	10	280.	1.0	2.0	1.8	14.0	17.0	24.5	25.4	-1.00	.77
22	7	87	11	263.	.9	2.4	2.2	33.6	36.1	26.6	27.4	-1.40	.72
22	7	87	12	127.	2.0	5.0	4.8	48.8	71.8	26.4	27.7	-.91	.72
22	7	87	13	131.	3.4	5.6	5.4	12.1	12.9	24.4	25.4	-.50	.80
22	7	87	14	127.	3.1	5.6	5.4	13.8	15.7	24.1	25.2	-.47	.81
22	7	87	15	131.	3.0	4.8	4.6	12.0	12.3	24.0	25.0	-.47	.79
22	7	87	16	131.	2.1	4.2	4.0	16.7	22.6	25.7	27.2	-.22	.72
22	7	87	17	121.	1.9	3.4	3.2	13.6	15.7	25.6	26.4	-.32	.75
22	7	87	18	127.	1.4	2.8	2.8	11.8	12.8	25.3	25.9	-.22	.80
22	7	87	19	121.	1.7	3.0	2.8	8.9	9.9	24.3	24.6	-.32	.83
22	7	87	20	169.	2.1	3.4	3.0	8.1	13.3	22.3	21.5	.30	.90
22	7	87	21	190.	2.0	3.6	3.4	8.3	16.6	21.3	19.4	.92	.91
22	7	87	22	198.	2.1	4.2	4.0	10.9	13.0	21.1	19.1	.65	.83
22	7	87	23	225.	1.0	2.4	2.2	15.7	27.7	20.7	17.8	.77	.84
22	7	87	24	284.	1.1	2.2	2.0	39.5	68.7	20.5	17.9	.58	.83
23	7	87	1	321.	.8	2.0	2.0	8.0	21.2	18.6	16.4	1.05	.94
23	7	87	2	337.	1.7	3.2	3.0	4.4	9.2	17.8	16.0	.96	.97
23	7	87	3	329.	2.0	3.2	3.2	4.2	12.1	16.0	14.9	1.08	.97
23	7	87	4	329.	2.1	3.4	3.4	16.1	20.9	14.8	14.0	1.48	.97
23	7	87	5	308.	1.3	2.6	2.4	10.4	15.3	15.8	15.1	.77	.97
23	7	87	6	288.	1.7	2.6	2.4	5.4	13.6	16.5	16.9	.40	.94
23	7	87	7	176.	.1	1.0	1.0	55.0	69.7	19.8	20.6	.37	.87
23	7	87	8	108.	.7	1.8	1.6	27.6	42.5	21.6	23.1	.06	.84
23	7	87	9	120.	1.3	3.0	2.8	25.5	29.5	22.7	23.9	-.53	.84
23	7	87	10	122.	2.9	5.0	4.8	10.8	13.1	22.4	23.5	-.66	.86
23	7	87	11	127.	3.4	6.2	5.6	11.8	13.2	23.0	24.1	-.66	.86
23	7	87	12	128.	3.5	6.2	5.8	15.3	17.2	23.9	25.1	-.47	.84
23	7	87	13	172.	3.5	7.6	6.6	17.0	19.9	24.3	25.7	-.41	.81
23	7	87	14	162.	4.2	7.4	7.0	15.5	16.0	23.9	25.3	-.41	.81
23	7	87	15	170.	4.4	7.8	7.2	17.6	18.7	23.5	25.0	-.44	.82
23	7	87	16	177.	4.3	8.0	7.4	17.0	17.3	23.5	24.8	-.38	.81
23	7	87	17	160.	3.6	6.8	6.4	18.0	20.1	23.4	24.7	-.29	.82
23	7	87	18	169.	3.9	8.4	7.8	16.6	17.1	22.6	23.6	-.22	.83
23	7	87	19	155.	4.1	7.4	7.0	14.1	16.0	21.3	22.0	-.13	.84
23	7	87	20	145.	3.2	5.8	5.6	12.9	15.5	19.4	19.4	-.04	.97
23	7	87	21	134.	3.5	6.0	5.8	10.2	10.7	17.8	17.7	-.01	.97
23	7	87	22	124.	3.6	5.8	5.6	8.9	9.7	17.4	17.2	-.01	.97
23	7	87	23	122.	3.3	5.4	5.2	10.0	11.0	16.9	16.8	-.04	.97
23	7	87	24	124.	2.5	4.2	4.0	7.8	8.4	16.6	16.3	.02	.97
24	7	87	1	118.	2.5	3.4	3.2	4.9	7.2	16.3	16.0	.06	.97
24	7	87	2	120.	2.1	3.4	3.2	8.6	12.5	16.3	16.0	.02	.97
24	7	87	3	82.	1.4	2.6	2.6	8.3	14.7	16.3	16.3	-.04	.97
24	7	87	4	80.	1.3	2.2	2.2	13.0	24.4	16.2	16.2	-.07	.97
24	7	87	5	84.	1.2	2.8	2.6	8.4	19.3	16.1	16.0	-.01	.97
24	7	87	6	256.	.8	1.8	1.6	32.4	62.9	16.2	16.2	-.10	.97
24	7	87	7	297.	.6	1.6	1.6	14.1	26.8	16.5	16.7	-.22	.97
24	7	87	8	332.	.2	1.2	1.0	52.4	64.0	16.9	17.3	-.19	.97
24	7	87	9	307.	.6	1.2	1.2	18.3	19.6	17.5	17.9	-.44	.97
24	7	87	10	201.	.4	1.8	1.6	48.4	77.1	18.0	18.5	-.38	.97
24	7	87	11	121.	1.0	2.2	2.0	31.3	42.7	19.1	19.8	-.38	.97
24	7	87	12	44.	1.1	5.8	5.4	55.6	107.2	19.7	20.4	-.53	.97
24	7	87	13	136.	1.3	3.0	2.8	32.5	50.2	21.0	22.2	-.60	.97
24	7	87	14	153.	1.3	3.2	3.0	36.3	39.1	22.1	23.6	-.47	.93
24	7	87	15	160.	1.9	5.0	4.8	24.6	26.1	22.4	23.7	-.38	.89
24	7	87	16	295.	3.0	7.6	7.0	36.4	56.8	22.3	23.9	-.41	.84
24	7	87	17	292.	5.3	11.0	10.6	18.0	18.5	22.1	22.9	-.60	.60
24	7	87	18	295.	6.0	12.0	11.6	16.9	17.1	20.7	21.2	-.50	.61
24	7	87	19	295.	5.6	12.6	10.6	16.5	16.6	19.5	19.8	-.38	.61
24	7	87	20	299.	5.1	10.8	10.2	14.9	14.9	18.3	18.0	-.26	.63
24	7	87	21	301.	4.5	9.0	8.8	12.6	12.8	16.8	16.4	-.07	.65
24	7	87	22	297.	3.8	8.4	7.8	11.2	11.3	15.7	15.3	.02	.68
24	7	87	23	299.	3.6	6.0	5.8	8.4	9.0	14.7	14.2	.15	.72
24	7	87	24	307.	3.4	5.4	5.2	7.7	8.4	13.8	13.2	.12	.75

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
25	7	87	1	305.	3.5	6.2	5.8	8.8	9.4	13.5	13.2	.15	.77
25	7	87	2	319.	3.1	6.0	5.4	9.3	11.1	13.8	13.3	.09	.77
25	7	87	3	322.	3.4	5.4	5.2	8.2	9.2	13.9	13.6	-.01	.76
25	7	87	4	311.	2.9	4.8	4.6	7.2	11.6	13.4	13.0	-.01	.77
25	7	87	5	312.	2.7	4.2	4.0	7.0	7.3	13.0	13.0	-.07	.80
25	7	87	6	305.	2.5	3.8	3.6	7.6	8.1	13.6	14.4	-.26	.79
25	7	87	7	351.	2.4	4.8	4.4	11.6	17.7	13.9	14.4	-.16	.81
25	7	87	8	11.	3.1	7.0	6.6	16.0	18.0	15.3	17.1	-.13	.77
25	7	87	9	333.	3.7	7.8	7.6	16.7	22.0	15.1	16.1	-.29	.75
25	7	87	10	304.	3.4	7.2	7.0	15.8	19.9	15.2	16.1	-.50	.79
25	7	87	11	276.	2.5	5.0	4.6	16.3	19.4	16.1	16.8	-.78	.78
25	7	87	12	284.	2.5	5.4	5.2	21.0	22.3	18.4	19.5	-1.00	.73
25	7	87	13	316.	2.8	7.6	7.2	31.5	42.8	18.1	19.0	-.66	.70
25	7	87	14	323.	5.0	10.2	10.0	12.7	14.0	15.8	16.3	-.44	.75
25	7	87	15	283.	2.5	6.8	6.4	33.8	58.2	13.5	13.9	-.26	.89
25	7	87	16	235.	1.3	3.2	2.8	27.9	32.6	16.4	17.2	-.85	.81
25	7	87	17	252.	2.4	5.4	5.0	24.5	25.0	17.1	18.0	-.88	.76
25	7	87	18	281.	3.9	10.8	10.2	20.0	34.6	14.1	13.9	-.19	.84
25	7	87	19	298.	4.0	6.4	6.0	7.3	11.3	12.2	11.9	.12	.94
25	7	87	20	322.	2.9	5.4	5.0	8.2	14.5	12.8	12.6	.06	.94
25	7	87	21	316.	3.6	6.0	5.6	8.1	9.2	12.9	12.5	.09	.91
25	7	87	22	340.	3.6	5.6	5.2	7.3	13.2	12.3	11.8	.12	.90
25	7	87	23	353.	3.9	7.0	6.4	7.2	11.5	11.8	11.0	.21	.89
25	7	87	24	335.	4.0	7.8	7.2	9.1	10.2	11.8	11.1	.18	.84
26	7	87	1	319.	4.1	6.6	6.4	7.7	11.5	11.9	11.3	.12	.82
26	7	87	2	318.	3.5	6.0	5.4	8.3	8.6	11.6	11.3	.02	.88
26	7	87	3	323.	4.1	7.0	6.6	9.7	10.4	11.8	11.4	.06	.85
26	7	87	4	322.	3.7	7.0	6.8	11.1	11.4	12.0	11.7	-.01	.82
26	7	87	5	307.	3.8	6.2	5.6	9.2	9.8	11.9	11.7	-.01	.82
26	7	87	6	301.	3.3	5.2	5.0	6.9	8.7	12.1	12.0	-.07	.81
26	7	87	7	308.	3.2	5.0	4.8	5.8	6.9	12.5	12.8	-.19	.82
26	7	87	8	311.	3.0	7.0	6.2	11.1	11.5	13.8	14.6	-.41	.78
26	7	87	9	302.	3.5	6.4	6.0	13.2	14.5	14.8	15.6	-.50	.74
26	7	87	10	312.	3.6	7.0	6.8	12.3	13.2	15.3	15.8	-.44	.72
26	7	87	11	307.	3.2	5.8	5.4	12.3	13.3	16.2	17.0	-.53	.69
26	7	87	12	298.	3.0	5.8	5.4	13.3	17.2	17.2	18.2	-.75	.68
26	7	87	13	18.	2.6	8.0	7.8	19.8	40.4	17.1	17.9	-.57	.69
26	7	87	14	93.	2.1	5.8	5.6	39.5	46.9	16.7	17.6	-.35	.75
26	7	87	15	3.	1.2	3.2	3.0	53.3	60.4	18.7	20.0	-.85	.71
26	7	87	16	127.	1.7	4.2	4.0	30.1	60.3	18.2	19.5	-.29	.71
26	7	87	17	157.	2.6	4.8	4.6	22.8	26.8	18.7	19.9	-.44	.72
26	7	87	18	128.	2.2	4.8	4.4	19.7	25.3	17.4	17.9	-.26	.76
26	7	87	19	63.	2.8	8.4	7.6	13.8	21.3	15.7	15.6	-.07	.89
26	7	87	20	63.	4.6	9.0	8.6	13.7	14.3	13.9	13.8	-.13	.85
26	7	87	21	65.	3.8	7.0	6.8	12.2	12.7	12.6	12.2	.06	.91
26	7	87	22	11.	2.0	4.2	4.0	18.3	24.1	12.5	12.2	-.04	.90
26	7	87	23	325.	2.2	4.0	3.6	20.4	28.4	12.4	12.1	.09	.93
26	7	87	24	302.	2.2	3.6	3.4	7.4	11.1	12.3	12.0	-.01	.96
27	7	87	1	312.	2.5	4.4	4.2	8.4	10.6	11.9	11.8	-.04	.97
27	7	87	2	319.	2.8	4.4	4.2	7.6	12.3	11.8	11.7	-.04	.97
27	7	87	3	308.	2.7	4.4	4.2	7.3	11.1	11.9	11.4	.15	.96
27	7	87	4	308.	2.9	5.0	4.8	7.6	8.8	12.0	11.8	-.01	.94
27	7	87	5	343.	3.0	5.2	5.0	10.7	20.3	12.3	12.2	-.01	.89
27	7	87	6	333.	3.5	8.2	7.8	12.5	12.7	13.3	13.9	-.04	.80
27	7	87	7	336.	3.2	7.0	6.4	14.3	15.5	14.3	15.3	-.10	.77
27	7	87	8	3.	3.4	7.6	7.0	17.0	21.4	15.4	16.9	-.19	.74
27	7	87	9	18.	3.9	7.4	7.0	16.9	17.8	16.5	18.1	-.41	.72
27	7	87	10	340.	4.0	8.6	8.0	17.2	23.9	17.4	19.0	-.50	.72
27	7	87	11	342.	4.1	8.2	8.0	21.0	24.1	17.9	19.6	-.53	.70
27	7	87	12	22.	3.3	7.0	6.6	18.8	20.8	17.3	18.0	-.26	.71
27	7	87	13	15.	3.0	6.2	5.8	16.9	17.9	17.9	19.0	-.29	.72
27	7	87	14	32.	3.1	6.2	6.0	20.6	23.4	18.7	20.2	-.35	.70
27	7	87	15	0.	2.8	8.2	7.4	25.5	28.5	18.6	19.5	-.29	.70
27	7	87	16	290.	2.4	4.6	4.4	17.9	30.5	19.7	21.3	-.32	.68
27	7	87	17	321.	3.1	6.6	6.4	18.0	20.8	20.6	21.8	-.50	.63
27	7	87	18	305.	2.4	5.6	5.2	15.5	22.4	20.7	21.9	-.22	.63
27	7	87	19	340.	1.4	3.6	3.4	12.5	16.2	20.4	21.1	-.13	.68
27	7	87	20	118.	1.1	2.6	2.2	30.5	67.6	19.1	18.0	.02	.79
27	7	87	21	131.	1.6	3.8	3.4	4.7	11.4	17.2	15.1	.58	.87
27	7	87	22	112.	1.3	2.0	1.8	10.9	15.6	16.5	14.8	.61	.89
27	7	87	23	311.	3.1	6.0	5.8	42.4	43.6	15.6	15.0	.43	.88
27	7	87	24	14.	1.7	3.8	3.6	28.5	42.1	15.3	14.2	.68	.91

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
28	7 87	1	325.	2.2	4.4	4.2	15.1	19.6	15.2	14.4	.18	.88
28	7 87	2	337.	2.0	4.2	3.6	11.5	14.9	14.9	14.3	.09	.88
28	7 87	3	21.	2.3	4.2	4.0	10.8	19.5	14.1	13.5	.06	.93
28	7 87	4	342.	2.4	5.8	5.4	10.4	13.8	13.7	13.1	.09	.96
28	7 87	5	346.	2.1	4.8	4.6	13.4	16.2	13.6	13.2	-.01	.95
28	7 87	6	359.	2.2	5.0	4.6	8.3	12.6	12.1	12.0	-.16	.97
28	7 87	7	323.	2.6	4.4	4.2	7.6	12.2	12.3	12.4	-.10	.97
28	7 87	8	356.	2.2	4.6	4.4	14.7	17.7	14.5	16.3	-.13	.90
28	7 87	9	325.	2.1	4.8	4.6	30.7	32.7	16.2	17.9	-.38	.84
28	7 87	10	344.	1.7	5.2	4.8	47.6	54.5	17.7	18.9	-.85	.79
28	7 87	11	302.	1.8	5.2	5.0	44.0	56.5	18.7	19.9	-.85	.72
28	7 87	12	15.	3.0	7.0	6.6	28.2	33.8	19.3	21.0	-.69	.68
28	7 87	13	347.	2.9	8.4	8.2	41.8	48.0	19.3	20.4	-.53	.69
28	7 87	14	197.	2.1	5.8	5.4	40.3	56.5	17.0	17.6	-.63	.89
28	7 87	15	127.	1.8	4.6	4.4	35.5	47.9	20.1	21.6	-.88	.77
28	7 87	16	128.	2.4	4.4	4.2	15.0	16.4	18.6	19.3	-.38	.84
28	7 87	17	219.	1.8	4.0	3.8	23.1	33.7	19.0	19.8	-.47	.83
28	7 87	18	198.	2.3	6.6	6.4	22.8	35.6	18.0	18.4	-.53	.85
28	7 87	19	224.	2.3	4.6	4.2	22.0	32.0	16.5	16.9	-.38	.85
28	7 87	20	256.	1.7	5.4	5.0	19.8	23.7	16.0	15.8	-.19	.86
28	7 87	21	302.	1.1	3.2	3.0	32.0	56.0	15.4	14.7	.06	.93
28	7 87	22	318.	1.0	1.8	1.8	20.7	25.2	15.0	13.5	.37	.97
28	7 87	23	305.	1.0	3.0	2.8	12.7	21.0	14.7	13.9	.21	.97
28	7 87	24	63.	2.5	5.8	5.4	12.5	37.2	14.2	13.8	.09	.96
29	7 87	1	70.	2.8	5.6	5.4	12.7	24.4	13.7	13.4	.06	.95
29	7 87	2	1.	2.8	4.8	4.4	21.0	29.9	12.8	12.2	.18	.97
29	7 87	3	24.	3.1	6.0	5.4	9.1	12.5	12.3	11.6	.18	.97
29	7 87	4	28.	4.2	7.6	7.0	12.1	12.6	11.4	11.1	-.01	.96
29	7 87	5	30.	4.5	9.4	9.0	15.8	16.2	11.0	10.9	-.01	.89
29	7 87	6	21.	3.4	8.8	7.8	20.8	21.2	11.7	11.9	-.07	.80
29	7 87	7	42.	2.8	7.4	7.2	23.7	24.8	12.2	12.7	-.22	.81
29	7 87	8	38.	2.9	7.6	6.8	23.0	23.8	13.0	13.8	-.29	.81
29	7 87	9	0.	2.5	5.6	5.4	25.5	41.4	14.1	15.5	-.32	.81
29	7 87	10	30.	2.8	6.6	6.0	25.5	28.5	15.4	17.2	-.66	.78
29	7 87	11	127.	1.7	5.0	4.8	62.2	73.0	16.7	18.3	-.85	.75
29	7 87	12	115.	1.2	2.8	2.4	45.8	50.0	16.7	17.8	-.41	.74
29	7 87	13	160.	1.7	4.6	4.4	38.3	42.0	18.0	19.6	-.60	.70
29	7 87	14	187.	2.4	4.8	4.4	19.8	23.8	17.8	19.3	-.63	.73
29	7 87	15	169.	2.8	5.6	5.4	19.1	21.2	16.9	18.0	-.41	.76
29	7 87	16	150.	3.2	5.6	5.4	13.3	14.9	17.2	18.8	-.29	.74
29	7 87	17	176.	3.2	6.0	5.6	17.8	20.5	17.5	18.9	-.35	.71
29	7 87	18	181.	2.9	5.6	5.4	17.1	19.0	17.2	18.5	-.26	.69
29	7 87	19	174.	2.7	5.2	4.8	16.8	17.4	16.7	17.6	-.29	.72
29	7 87	20	159.	2.4	4.8	4.4	12.1	13.8	15.2	15.1	-.07	.82
29	7 87	21	186.	1.9	3.6	3.4	14.1	16.8	13.7	12.9	.15	.94
29	7 87	22	165.	1.8	3.2	2.8	11.3	14.9	13.0	11.8	.24	.97
29	7 87	23	143.	1.5	2.8	2.6	8.6	16.8	12.8	11.7	.21	.97
29	7 87	24	143.	2.4	3.8	3.6	6.7	8.8	13.1	12.6	.21	.96
30	7 87	1	163.	2.1	3.4	3.2	6.7	10.2	13.3	12.8	.18	.97
30	7 87	2	150.	2.1	3.4	3.2	7.3	9.2	13.1	12.5	.09	.97
30	7 87	3	207.	.8	2.2	1.8	28.2	52.2	12.6	11.8	.18	.97
30	7 87	4	136.	.9	2.2	2.0	26.9	51.0	12.4	11.4	.24	.97
30	7 87	5	181.	1.1	2.2	2.0	17.3	21.0	12.5	11.6	.30	.97
30	7 87	6	132.	.6	1.8	1.6	28.3	31.9	14.4	15.2	.09	.97
30	7 87	7	153.	.7	2.2	2.0	52.4	55.6	14.8	15.6	-.22	.94
30	7 87	8	188.	1.9	5.8	5.4	26.9	30.0	16.3	17.7	-.53	.87
30	7 87	9	153.	2.8	6.0	5.6	24.3	26.2	16.8	18.3	-.47	.82
30	7 87	10	152.	3.1	6.0	5.6	19.7	22.3	16.7	17.9	-.41	.83
30	7 87	11	160.	3.1	5.6	5.2	17.6	23.6	16.9	18.3	-.44	.80
30	7 87	12	166.	3.5	6.2	6.0	15.3	16.0	16.2	17.1	-.32	.84
30	7 87	13	176.	3.8	7.8	7.2	12.5	14.3	16.0	16.9	-.29	.86
30	7 87	14	166.	4.5	8.6	8.0	14.1	14.4	15.2	15.8	-.26	.87
30	7 87	15	179.	4.2	8.2	7.4	15.7	17.0	14.4	14.9	-.22	.88
30	7 87	16	153.	3.5	7.0	6.6	12.7	14.7	13.9	14.4	-.19	.89
30	7 87	17	135.	2.0	5.2	5.0	19.7	30.4	14.3	14.8	-.32	.90
30	7 87	18	136.	2.9	4.8	4.8	11.7	14.0	14.0	14.4	-.29	.92
30	7 87	19	121.	2.2	4.6	4.4	14.8	16.0	14.1	14.5	-.26	.91
30	7 87	20	110.	1.8	3.0	2.8	9.1	14.9	13.3	13.2	-.10	.94
30	7 87	21	80.	1.3	2.0	1.8	4.9	9.0	13.0	12.3	.06	.97
30	7 87	22	105.	.9	2.2	2.0	6.0	13.3	12.7	11.4	.09	.97
30	7 87	23	39.	.9	1.4	1.2	4.2	21.5	12.5	11.2	.15	.97
30	7 87	24	322.	1.5	3.0	2.8	17.2	46.4	12.3	11.6	.06	.97

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
1	8	87	1	77.	1.5	2.6	2.4	5.3	21.0	11.3	11.1	.14	.98
1	8	87	2	52.	1.9	3.0	2.8	6.4	8.4	11.0	11.0	-.11	.98
1	8	87	3	41.	2.5	5.4	5.2	13.1	14.3	10.7	10.7	-.11	.98
1	8	87	4	31.	2.4	4.6	4.2	13.0	14.4	10.7	10.7	-.14	.98
1	8	87	5	13.	2.3	4.2	4.0	13.3	15.9	10.7	10.8	-.17	.98
1	8	87	6	18.	2.7	5.2	4.8	9.9	10.2	10.9	11.0	-.20	.98
1	8	87	7	22.	2.7	5.6	5.4	11.5	11.9	11.0	11.3	-.23	.97
1	8	87	8	347.	1.7	3.8	3.8	12.4	14.3	11.4	11.7	-.26	.98
1	8	87	9	350.	1.4	3.0	2.8	13.7	14.7	11.7	12.2	-.29	.98
1	8	87	10	333.	2.3	4.2	4.0	12.3	14.1	12.1	12.7	-.36	.97
1	8	87	11	337.	2.5	4.6	4.2	13.4	15.3	12.9	13.6	-.39	.95
1	8	87	12	309.	2.8	6.0	5.4	13.2	16.4	13.3	13.9	-.42	.95
1	8	87	13	308.	4.0	7.0	6.4	10.1	10.5	13.0	13.4	-.39	.96
1	8	87	14	308.	4.5	7.6	7.2	11.2	12.3	12.9	13.3	-.42	.93
1	8	87	15	299.	3.5	8.2	7.6	11.7	12.9	12.5	12.7	-.32	.95
1	8	87	16	301.	2.3	5.2	5.0	13.8	14.5	12.8	13.2	-.42	.98
1	8	87	17	325.	3.3	7.2	6.6	14.0	17.6	13.2	13.6	-.39	.96
1	8	87	18	311.	2.7	4.6	4.4	10.0	12.3	12.9	13.2	-.29	.98
1	8	87	19	308.	3.4	6.0	5.6	9.6	9.7	12.9	13.0	-.20	.98
1	8	87	20	318.	3.6	6.2	5.8	10.4	10.7	12.9	13.0	-.20	.98
1	8	87	21	311.	3.7	6.0	5.8	9.1	9.6	12.8	12.8	-.17	.98
1	8	87	22	294.	3.8	6.0	5.6	8.9	9.6	12.6	12.5	-.14	.98
1	8	87	23	287.	3.4	6.0	5.8	10.1	11.2	12.5	12.4	-.14	.98
1	8	87	24	297.	3.7	5.4	5.4	8.4	10.1	12.3	12.1	-.11	.98
2	8	87	1	297.	3.7	5.4	5.0	7.7	8.9	12.0	11.8	-.11	.97
2	8	87	2	292.	3.8	6.6	6.4	7.6	8.2	11.9	11.7	-.04	.95
2	8	87	3	307.	3.3	5.2	5.0	8.1	9.5	11.9	11.6	-.04	.93
2	8	87	4	285.	3.1	4.8	4.4	8.9	9.7	11.8	11.5	-.01	.93
2	8	87	5	298.	3.3	5.8	5.0	8.2	9.7	11.8	11.6	-.11	.92
2	8	87	6	322.	2.9	5.2	5.0	11.1	15.7	12.7	13.0	-.29	.88
2	8	87	7	312.	3.7	5.8	5.6	9.8	11.1	14.3	15.1	-.36	.84
2	8	87	8	309.	4.2	7.2	7.0	9.7	9.9	15.1	16.0	-.51	.81
2	8	87	9	305.	4.8	7.4	7.0	9.5	9.7	15.9	16.6	-.60	.79
2	8	87	10	328.	4.2	7.6	7.2	12.4	13.6	17.2	18.0	-.67	.79
2	8	87	11	349.	4.5	9.8	9.2	15.1	16.4	18.7	19.8	-.48	.72
2	8	87	12	343.	4.3	9.4	8.6	16.8	19.5	19.2	20.3	-.51	.70
2	8	87	13	299.	3.9	8.6	8.2	15.5	21.4	19.6	20.9	-.48	.68
2	8	87	14	18.	3.8	11.0	10.6	24.3	35.7	19.9	20.8	-.82	.69
2	8	87	15	76.	2.0	6.6	6.4	44.0	54.3	18.3	19.3	-.60	.80
2	8	87	16	42.	4.3	10.6	10.2	16.5	24.4	15.1	15.1	-.11	.93
2	8	87	17	326.	3.0	6.6	6.2	16.1	30.0	13.2	13.2	-.08	.97
2	8	87	18	330.	3.2	6.6	6.0	16.2	29.7	13.2	13.3	-.17	.98
2	8	87	19	315.	2.7	4.6	4.4	9.1	16.0	14.0	14.3	-.26	.98
2	8	87	20	311.	2.7	3.8	3.6	6.6	9.6	14.3	14.3	-.14	.97
2	8	87	21	302.	2.9	5.2	4.8	6.9	10.6	14.0	13.7	.02	.96
2	8	87	22	307.	2.6	4.2	4.0	6.4	9.2	13.5	13.1	.02	.97
2	8	87	23	309.	3.0	4.2	4.0	4.7	5.3	13.4	13.1	.05	.97
2	8	87	24	322.	2.3	3.8	3.6	6.6	12.2	13.2	13.0	-.08	.98
3	8	87	1	298.	2.2	5.2	4.8	7.0	12.2	12.9	12.7	-.08	.98
3	8	87	2	314.	3.3	5.4	5.2	9.3	10.4	12.8	12.7	-.11	.94
3	8	87	3	328.	3.2	6.4	5.8	8.6	10.1	12.3	12.1	-.14	.97
3	8	87	4	326.	3.2	5.0	4.8	6.7	8.0	11.6	11.5	-.14	.98
3	8	87	5	325.	2.8	4.6	4.4	7.8	9.7	11.5	11.4	-.14	.98
3	8	87	6	321.	2.1	4.4	4.2	8.0	12.4	11.7	11.7	-.14	.98
3	8	87	7	4.	.9	3.6	3.4	24.4	31.9	12.0	12.2	-.26	.98
3	8	87	8	302.	1.3	2.4	2.2	22.1	25.3	12.7	13.0	-.48	.98
3	8	87	9	250.	1.1	2.0	1.8	16.6	25.2	13.3	13.6	-.54	.94
3	8	87	10	191.	.8	2.0	2.0	28.4	30.5	14.6	15.3	-.63	.88
3	8	87	11	202.	1.6	4.6	4.0	27.0	27.9	16.6	17.6	-1.16	.81
3	8	87	12	214.	2.1	4.8	4.6	26.5	33.7	17.6	19.1	-.85	.78
3	8	87	13	162.	1.5	4.6	4.4	36.2	44.4	16.2	16.9	-.54	.82
3	8	87	14	314.	2.3	7.2	6.8	33.1	82.6	14.5	15.0	-.39	.90
3	8	87	15	287.	3.0	6.8	6.2	13.8	18.0	11.9	12.0	-.29	.94
3	8	87	16	349.	.9	3.4	3.2	41.5	58.8	12.5	13.0	-.32	.96
3	8	87	17	307.	2.9	5.0	4.4	18.0	18.9	13.1	13.7	-.67	.94
3	8	87	18	307.	2.5	4.0	3.6	9.4	11.9	13.5	14.2	-.57	.93
3	8	87	19	318.	2.5	4.0	3.6	8.4	9.3	13.7	14.0	-.39	.95
3	8	87	20	308.	2.3	4.4	4.2	9.1	10.7	14.0	13.7	-.36	.94
3	8	87	21	304.	3.9	5.8	5.6	6.1	6.9	13.1	12.9	-.08	.92
3	8	87	22	314.	3.3	5.6	5.2	6.0	7.3	12.4	12.2	-.08	.94
3	8	87	23	304.	2.8	3.8	3.6	3.4	4.9	12.2	12.0	-.01	.96
3	8	87	24	308.	2.1	3.8	3.6	4.9	7.8	12.1	11.8	-.04	.98

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
4	8	87	1	342.	2.1	3.8	3.6	5.6	8.9	12.2	11.5	-.08	.96
4	8	87	2	343.	2.3	4.6	4.0	7.6	12.0	12.1	11.7	-.04	.95
4	8	87	3	343.	2.8	5.6	5.0	10.3	10.7	12.5	12.2	-.08	.91
4	8	87	4	347.	2.6	5.4	5.0	11.3	12.0	12.3	11.9	-.14	.92
4	8	87	5	343.	2.7	6.6	6.2	10.1	10.9	11.7	11.4	-.04	.98
4	8	87	6	332.	3.1	6.8	6.4	10.4	11.7	11.7	11.6	-.14	.97
4	8	87	7	336.	3.2	6.2	5.6	10.2	11.1	11.9	11.9	-.17	.94
4	8	87	8	339.	2.2	5.2	4.8	13.9	16.3	12.7	12.9	-.26	.93
4	8	87	9	0.	3.4	8.0	7.6	14.3	17.8	13.2	13.5	-.20	.89
4	8	87	10	328.	2.7	6.0	5.2	14.8	17.0	13.9	14.4	-.26	.85
4	8	87	11	347.	3.3	7.8	7.6	14.9	16.3	15.5	16.4	-.42	.82
4	8	87	12	20.	3.7	9.0	8.4	20.6	23.6	17.5	19.1	-.54	.75
4	8	87	13	13.	3.8	8.2	7.6	21.1	22.5	18.5	20.0	-.48	.72
4	8	87	14	342.	4.2	9.2	8.6	15.1	17.0	18.6	19.6	-.36	.70
4	8	87	15	42.	4.1	10.0	9.0	19.9	28.2	18.9	20.0	-.42	.69
4	8	87	16	63.	4.9	9.2	8.6	18.7	23.4	18.2	18.8	-.54	.72
4	8	87	17	44.	4.0	9.4	8.2	17.6	19.8	17.0	17.4	-.39	.79
4	8	87	18	7.	2.7	7.2	6.8	16.8	22.2	16.7	17.0	-.23	.80
4	8	87	19	42.	3.7	7.4	6.8	14.5	17.2	16.5	16.4	-.14	.78
4	8	87	20	27.	3.2	7.2	7.0	16.5	17.7	15.7	15.5	-.14	.79
4	8	87	21	10.	4.2	11.2	10.2	13.5	15.1	15.1	14.8	-.11	.78
4	8	87	22	356.	4.2	9.6	8.4	12.3	13.6	14.5	14.2	-.14	.78
4	8	87	23	342.	4.4	9.6	9.0	11.8	12.5	13.8	13.5	-.14	.82
4	8	87	24	353.	3.4	8.8	7.8	13.5	13.8	13.5	13.3	-.17	.84
5	8	87	1	349.	3.6	8.0	7.2	14.9	16.5	13.2	13.1	-.17	.85
5	8	87	2	3.	4.3	11.6	10.0	12.7	13.9	13.0	12.8	-.17	.85
5	8	87	3	0.	4.2	8.8	8.0	12.0	12.3	12.5	12.3	-.20	.86
5	8	87	4	342.	3.9	8.8	8.0	12.3	14.8	11.8	11.6	-.20	.88
5	8	87	5	344.	4.2	8.2	7.6	12.1	12.7	10.8	10.7	-.17	.92
5	8	87	6	332.	4.4	8.0	7.6	11.6	13.4	10.6	10.5	-.17	.92
5	8	87	7	333.	4.3	7.4	7.0	10.1	10.4	10.4	10.4	-.20	.92
5	8	87	8	354.	3.1	7.0	6.2	12.2	13.6	10.3	10.5	-.23	.94
5	8	87	9	356.	3.7	8.2	7.6	14.4	15.8	11.5	12.0	-.29	.89
5	8	87	10	4.	5.0	10.2	9.4	14.6	15.1	12.5	13.2	-.29	.81
5	8	87	11	349.	3.9	7.8	7.6	14.5	15.3	12.4	13.2	-.32	.82
5	8	87	12	10.	3.4	8.0	7.2	20.8	22.8	13.7	14.8	-.36	.79
5	8	87	13	357.	3.8	7.4	7.2	16.6	17.6	14.0	14.9	-.39	.79
5	8	87	14	8.	3.6	7.4	7.0	16.9	17.7	15.0	16.5	-.48	.78
5	8	87	15	335.	3.1	7.8	7.2	15.9	17.8	15.1	16.1	-.32	.77
5	8	87	16	350.	2.7	6.2	5.6	15.3	18.2	15.0	15.7	-.29	.78
5	8	87	17	22.	2.0	4.6	4.4	14.1	18.2	15.3	16.0	-.29	.79
5	8	87	18	31.	1.9	5.0	4.4	20.2	21.1	15.6	16.7	-.39	.79
5	8	87	19	20.	1.6	4.2	4.0	15.4	19.1	14.9	15.1	-.26	.79
5	8	87	20	295.	1.8	3.2	3.2	6.7	26.6	14.2	13.7	-.01	.90
5	8	87	21	332.	2.5	3.8	3.6	9.4	16.8	13.4	13.2	-.08	.90
5	8	87	22	295.	2.6	4.0	3.8	9.2	18.5	13.1	12.8	-.08	.88
5	8	87	23	333.	2.7	5.2	4.6	8.1	15.8	12.8	12.5	.02	.90
5	8	87	24	325.	3.1	5.2	4.8	7.0	9.5	12.9	12.5	-.08	.87
6	8	87	1	349.	2.9	5.4	5.0	9.4	11.6	12.5	12.0	-.08	.86
6	8	87	2	333.	3.0	5.2	5.0	9.1	9.9	11.9	11.4	-.08	.84
6	8	87	3	347.	2.5	4.8	4.4	7.0	13.8	11.4	10.4	.02	.86
6	8	87	4	283.	1.3	2.2	2.0	13.8	26.3	10.6	9.0	.08	.95
6	8	87	5	329.	1.9	3.0	2.8	6.9	11.2	10.1	9.5	.05	.97
6	8	87	6	307.	2.4	4.8	4.8	34.9	47.7	10.1	10.1	-.11	.97
6	8	87	7	267.	.7	2.4	2.2	42.9	58.1	11.7	12.3	-.45	.90
6	8	87	8	201.	.9	3.0	3.0	40.8	49.5	13.5	14.2	-.67	.83
6	8	87	9	191.	1.5	4.2	4.0	39.0	39.8	14.0	14.6	-.67	.79
6	8	87	10	221.	2.6	6.2	6.0	21.7	22.8	15.6	16.5	-.91	.75
6	8	87	11	222.	3.6	8.4	8.0	20.4	21.6	16.3	17.1	-.79	.74
6	8	87	12	190.	3.7	7.6	7.2	19.3	24.4	16.0	16.7	-.63	.79
6	8	87	13	194.	4.1	9.2	8.8	17.7	18.6	15.3	16.3	-.63	.88
6	8	87	14	194.	4.9	10.0	9.0	15.5	15.8	15.3	16.1	-.54	.89
6	8	87	15	190.	3.4	8.4	8.2	22.3	25.4	14.5	14.6	-.36	.93
6	8	87	16	323.	4.3	8.4	8.0	41.6	64.7	13.0	13.0	-.01	.93
6	8	87	17	315.	5.2	10.6	9.4	12.1	14.4	12.1	12.1	-.17	.85
6	8	87	18	325.	4.2	8.2	7.8	12.3	13.3	11.3	11.4	-.23	.86
6	8	87	19	314.	3.3	5.8	5.6	13.3	14.0	11.0	11.0	-.23	.86
6	8	87	20	323.	2.1	4.6	4.2	11.2	14.3	10.2	10.2	-.20	.92
6	8	87	21	249.	.5	2.2	2.2	30.7	38.7	9.8	9.6	-.11	.98
6	8	87	22	205.	1.0	2.2	2.0	25.8	31.1	9.6	9.2	.08	.97
6	8	87	23	226.	.6	3.0	2.8	31.9	33.5	9.8	9.3	.02	.96
6	8	87	24	163.	1.2	2.4	2.2	34.5	51.9	9.5	9.2	.02	.96

	DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
7	8 87 1	176.	1.8	3.8	3.6	15.8	17.2	9.2	9.2	-.11	.96
7	8 87 2	167.	2.2	4.2	3.8	12.3	13.8	9.1	9.1	-.14	.96
7	8 87 3	163.	2.5	4.8	4.6	11.4	12.3	9.0	9.0	-.17	.95
7	8 87 4	172.	2.6	4.6	4.2	10.1	11.1	8.9	8.8	-.11	.94
7	8 87 5	136.	2.2	4.2	4.0	11.1	17.2	8.7	8.7	-.11	.93
7	8 87 6	138.	2.2	4.0	3.8	11.2	17.3	8.8	9.0	-.20	.96
7	8 87 7	152.	2.9	6.8	6.4	16.8	18.8	9.6	10.0	-.23	.95
7	8 87 8	149.	3.6	8.4	8.2	17.1	18.6	9.9	10.3	-.26	.94
7	8 87 9	155.	4.0	8.0	7.6	16.1	17.3	10.0	10.3	-.23	.93
7	8 87 10	142.	4.8	10.0	9.4	14.1	14.5	10.4	10.7	-.26	.94
7	8 87 11	149.	5.4	11.8	11.0	14.5	16.2	10.2	10.5	-.29	.95
7	8 87 12	163.	6.2	13.8	13.0	15.5	16.1	11.2	11.6	-.29	.91
7	8 87 13	152.	5.5	10.4	10.2	15.1	15.8	10.4	10.7	-.26	.94
7	8 87 14	145.	4.7	10.2	9.4	14.3	15.1	10.4	10.7	-.26	.95
7	8 87 15	143.	5.2	11.0	10.6	16.2	17.8	10.7	11.0	-.29	.94
7	8 87 16	111.	4.3	8.6	8.0	11.5	14.4	10.1	10.3	-.23	.95
7	8 87 17	121.	4.0	7.8	7.6	11.2	12.6	10.5	10.6	-.20	.96
7	8 87 18	131.	4.2	8.2	7.8	11.3	13.1	10.2	10.2	-.17	.96
7	8 87 19	108.	4.4	10.2	9.0	10.9	13.8	10.3	10.4	-.17	.96
7	8 87 20	120.	3.8	8.0	7.8	11.3	15.3	10.5	10.4	-.11	.96
7	8 87 21	89.	3.7	5.8	5.6	9.0	12.1	10.5	10.2	.02	.96
7	8 87 22	100.	4.0	7.0	6.6	9.4	10.8	10.4	10.2	.02	.96
7	8 87 23	114.	3.8	8.2	8.0	9.4	11.8	10.8	10.5	.05	.93
7	8 87 24	83.	3.4	6.8	6.2	9.0	15.5	10.7	10.5	-.01	.91
8	8 87 1	80.	3.3	7.4	6.4	10.4	12.7	10.0	10.0	-.11	.97
8	8 87 2	70.	3.0	5.6	5.4	10.7	13.0	10.2	10.1	-.08	.98
8	8 87 3	60.	3.6	7.0	6.6	11.0	11.6	10.2	10.1	-.08	.97
8	8 87 4	49.	3.6	7.2	7.0	15.1	15.5	10.0	9.9	-.11	.95
8	8 87 5	51.	2.9	5.8	5.4	17.0	17.3	9.8	9.9	-.17	.94
8	8 87 6	44.	3.4	7.2	6.8	16.6	17.2	10.6	11.2	-.36	.90
8	8 87 7	38.	2.9	5.6	5.4	18.5	19.0	11.1	12.3	-.42	.88
8	8 87 8	51.	2.8	7.2	6.4	20.8	22.2	12.2	13.7	-.54	.85
8	8 87 9	75.	2.5	6.0	5.6	20.4	22.8	12.5	13.2	-.48	.85
8	8 87 10	59.	3.1	7.0	6.6	18.5	20.1	13.8	15.0	-.73	.81
8	8 87 11	105.	2.8	5.4	5.2	23.2	25.5	14.2	15.2	-.63	.81
8	8 87 12	149.	3.1	5.6	5.4	14.8	19.6	14.0	14.8	-.42	.83
8	8 87 13	136.	3.3	6.0	5.6	14.5	17.3	14.2	15.0	-.42	.76
8	8 87 14	150.	3.0	5.4	5.0	13.8	14.5	14.6	15.6	-.39	.73
8	8 87 15	160.	3.0	6.4	6.0	15.8	17.0	15.1	16.1	-.36	.76
8	8 87 16	138.	2.3	5.0	4.4	15.8	18.7	15.0	15.8	-.36	.81
8	8 87 17	153.	1.7	3.4	3.2	15.4	17.9	15.2	15.7	-.32	.81
8	8 87 18	141.	1.8	3.4	3.2	15.5	18.6	16.4	17.6	-.39	.77
8	8 87 19	138.	1.0	2.0	1.8	10.1	14.2	16.3	17.2	-.51	.80
8	8 87 20	127.	1.3	2.0	2.0	5.8	15.4	14.3	13.6	-.11	.91
8	8 87 21	353.	1.5	3.2	3.0	14.1	47.0	12.8	11.6	.17	.96
8	8 87 22	30.	1.0	2.8	2.6	56.5	91.4	12.2	11.3	.14	.98
8	8 87 23	49.	1.8	3.2	3.0	13.7	17.5	12.5	11.1	.36	.98
8	8 87 24	76.	1.3	3.0	3.0	13.8	16.2	12.4	11.5	.08	.98
9	8 87 1	45.	2.4	4.6	4.2	10.3	13.6	12.3	11.9	-.08	.96
9	8 87 2	86.	3.1	6.6	6.2	13.6	20.1	12.1	11.9	-.11	.97
9	8 87 3	79.	3.7	8.4	8.2	12.7	13.0	11.4	11.4	-.20	.98
9	8 87 4	67.	5.1	10.6	10.2	13.9	14.9	10.6	10.5	-.17	.96
9	8 87 5	73.	6.0	11.6	10.6	14.5	15.1	9.4	9.3	-.20	.93
9	8 87 6	67.	3.7	8.6	8.6	19.0	25.5	8.9	8.8	-.17	.92
9	8 87 7	58.	3.1	8.2	7.4	20.4	20.9	8.7	8.6	-.20	.90
9	8 87 8	28.	2.1	8.6	7.6	24.3	25.1	8.3	8.5	-.29	.90
9	8 87 9	20.	2.8	6.0	5.6	17.0	18.6	8.6	9.2	-.32	.92
9	8 87 10	18.	3.0	7.4	6.0	19.9	20.3	9.5	10.3	-.39	.88
9	8 87 11	3.	3.4	7.8	7.4	20.1	22.9	9.9	10.6	-.39	.88
9	8 87 12	6.	2.6	5.8	5.4	17.6	17.9	9.8	10.6	-.39	.92
9	8 87 13	10.	1.9	5.0	4.8	21.1	22.8	10.6	11.5	-.36	.90
9	8 87 14	46.	2.2	5.2	5.0	22.8	25.3	11.9	13.0	-.45	.84
9	8 87 15	56.	2.3	5.2	5.0	25.0	28.1	12.3	12.9	-.48	.78
9	8 87 16	15.	2.1	5.4	5.0	18.1	23.0	11.6	11.8	-.29	.80
9	8 87 17	7.	1.6	3.2	3.0	13.8	14.7	11.8	12.3	-.26	.82
9	8 87 18	35.	1.8	4.0	3.6	19.1	21.6	12.7	13.7	-.42	.79
9	8 87 19	15.	2.6	5.2	5.0	15.5	18.2	12.4	12.9	-.32	.81
9	8 87 20	18.	2.5	5.0	4.6	15.8	16.2	11.2	11.1	-.20	.86
9	8 87 21	39.	2.1	5.2	5.0	18.5	25.2	10.6	10.5	-.17	.91
9	8 87 22	351.	1.9	3.6	3.4	11.5	21.6	10.3	10.2	-.14	.93
9	8 87 23	3.	1.7	3.4	3.2	12.1	13.6	10.1	10.0	-.17	.94
9	8 87 24	4.	2.6	4.8	4.6	10.0	10.2	10.0	9.8	-.14	.94

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
10	8	87	1	15.	2.2	4.6	4.4	11.3	12.9	10.0	9.8	-.11	.92
10	8	87	2	7.	3.1	6.2	5.6	10.7	11.6	10.0	9.8	-.14	.89
10	8	87	3	13.	2.8	5.4	5.2	11.8	12.5	9.9	9.6	-.14	.88
10	8	87	4	10.	2.5	4.6	4.4	10.9	16.1	9.6	9.2	-.11	.89
10	8	87	5	22.	2.5	5.0	4.8	10.5	13.3	9.4	9.0	-.11	.90
10	8	87	6	24.	3.1	5.6	5.4	12.3	12.7	9.7	9.8	-.20	.88
10	8	87	7	1.	1.8	4.8	4.4	14.3	16.1	10.2	10.7	-.29	.86
10	8	87	8	0.	1.5	3.8	3.6	19.5	23.1	10.8	11.5	-.36	.82
10	8	87	9	6.	2.5	5.4	5.0	16.6	17.7	11.5	12.5	-.36	.79
10	8	87	10	1.	1.9	4.6	4.4	21.7	23.9	11.8	12.7	-.32	.78
10	8	87	11	8.	1.9	4.6	4.2	24.4	26.0	12.3	13.4	-.48	.77
10	8	87	12	76.	1.9	4.0	3.8	36.6	42.7	12.8	13.7	-.60	.75
10	8	87	13	58.	1.3	4.6	4.4	58.6	66.0	13.9	15.1	-.67	.73
10	8	87	14	24.	2.0	5.4	5.0	32.8	33.7	14.0	15.2	-.57	.72
10	8	87	15	329.	2.3	5.0	4.8	32.6	48.6	13.7	14.7	-.63	.75
10	8	87	16	304.	3.3	7.2	6.6	19.4	27.3	11.6	12.0	-.42	.85
10	8	87	17	299.	2.7	4.0	4.0	8.6	9.6	11.7	12.3	-.57	.86
10	8	87	18	302.	2.4	3.8	3.6	8.4	9.5	12.3	12.8	-.60	.88
10	8	87	19	351.	2.1	3.4	3.0	9.2	17.3	12.2	12.2	-.26	.89
10	8	87	20	27.	2.4	5.4	5.0	11.0	16.2	12.0	11.7	-.04	.82
10	8	87	21	35.	2.4	4.6	4.4	8.7	10.0	11.5	10.9	.08	.83
10	8	87	22	0.	2.6	4.2	3.8	6.6	10.2	11.3	10.5	.08	.83
10	8	87	23	351.	2.0	3.6	3.2	7.0	7.6	10.7	9.6	-.01	.86
10	8	87	24	332.	2.4	4.4	4.2	7.8	10.7	10.3	9.6	-.01	.87
11	8	87	1	321.	3.0	4.4	4.2	6.6	8.1	10.1	9.7	-.04	.86
11	8	87	2	316.	2.5	3.8	3.6	6.9	9.4	9.9	9.7	-.04	.90
11	8	87	3	323.	2.3	3.2	2.8	4.4	7.2	9.9	9.8	-.04	.92
11	8	87	4	309.	2.3	3.4	3.2	4.9	11.8	9.9	9.7	-.08	.93
11	8	87	5	315.	2.3	3.2	3.2	6.0	7.7	9.8	9.7	-.11	.95
11	8	87	6	335.	1.7	2.6	2.4	5.4	8.6	9.9	9.8	-.17	.93
11	8	87	7	342.	2.1	4.0	3.6	7.8	10.5	10.1	10.1	-.17	.90
11	8	87	8	330.	2.0	4.2	3.8	10.0	13.3	10.6	10.7	-.17	.87
11	8	87	9	308.	1.7	3.0	2.8	9.8	13.2	11.2	11.5	-.32	.87
11	8	87	10	302.	1.8	3.2	3.0	10.2	12.7	11.8	12.3	-.51	.86
11	8	87	11	301.	1.6	2.8	2.8	12.3	13.0	12.4	13.1	-.63	.85
11	8	87	12	284.	1.8	3.4	3.0	12.3	13.8	13.0	13.5	-.70	.81
11	8	87	13	245.	1.6	3.0	2.8	20.9	25.2	13.9	14.7	-.76	.78
11	8	87	14	254.	1.5	3.4	3.2	25.5	30.1	15.5	16.5	-1.10	.74
11	8	87	15	13.	1.1	4.4	4.2	38.0	51.4	16.0	17.2	-.48	.71
11	8	87	16	83.	3.6	9.6	9.0	29.4	51.7	12.5	12.7	-.11	.87
11	8	87	17	209.	1.2	3.8	3.6	51.4	121.1	13.4	13.9	-.29	.88
11	8	87	18	184.	1.3	3.0	2.8	18.1	26.4	13.5	13.9	-.48	.92
11	8	87	19	232.	1.7	3.0	2.8	15.5	20.0	12.8	12.9	-.36	.90
11	8	87	20	267.	1.5	3.0	2.8	10.5	20.4	12.3	11.9	-.26	.90
11	8	87	21	308.	2.4	3.4	3.4	5.3	8.1	11.8	11.0	.11	.95
11	8	87	22	314.	2.5	3.6	3.4	5.1	9.0	11.5	10.9	.08	.97
11	8	87	23	322.	2.2	4.2	4.0	2.4	7.0	11.0	10.4	.30	.98
11	8	87	24	328.	3.0	4.4	4.2	4.0	6.9	10.4	9.7	.11	.96
12	8	87	1	325.	3.0	4.0	3.8	4.7	6.6	9.5	9.0	-.01	.95
12	8	87	2	323.	2.8	4.0	3.8	4.9	6.1	8.8	8.3	-.04	.96
12	8	87	3	318.	2.8	4.0	3.8	5.4	6.0	8.1	7.9	-.04	.96
12	8	87	4	322.	2.9	4.2	3.8	6.0	8.9	8.1	8.0	-.04	.96
12	8	87	5	319.	3.0	4.4	4.2	6.3	7.6	8.5	8.4	-.11	.95
12	8	87	6	316.	2.9	4.8	4.6	8.0	8.7	9.2	9.1	-.14	.90
12	8	87	7	304.	2.7	4.0	3.6	6.6	7.8	10.3	11.1	-.36	.85
12	8	87	8	318.	1.6	3.4	3.2	12.7	15.5	11.4	12.3	-.42	.86
12	8	87	9	304.	2.1	3.4	3.2	9.4	12.8	13.8	15.1	-.70	.81
12	8	87	10	285.	1.9	3.2	2.8	9.5	11.0	15.9	16.9	-1.04	.75
12	8	87	11	274.	1.9	3.2	3.0	15.5	16.2	17.5	18.4	-1.29	.69
12	8	87	12	301.	1.6	3.2	2.8	29.9	32.5	18.7	19.8	-1.19	.66
12	8	87	13	114.	2.2	4.8	4.4	33.1	107.5	18.9	20.3	-.85	.68
12	8	87	14	118.	3.4	5.4	5.0	9.5	10.3	18.1	19.4	-.63	.77
12	8	87	15	163.	3.4	6.0	5.6	17.6	28.2	18.8	20.2	-.60	.76
12	8	87	16	173.	3.5	6.2	5.6	15.5	17.2	19.0	20.6	-.48	.74
12	8	87	17	176.	3.8	6.4	6.2	15.6	16.6	18.6	20.0	-.48	.73
12	8	87	18	173.	3.7	7.0	6.6	16.2	16.8	18.0	19.0	-.39	.74
12	8	87	19	141.	2.8	6.0	5.6	15.3	18.5	17.1	17.7	-.20	.75
12	8	87	20	132.	2.3	3.4	3.4	9.0	9.8	15.5	14.4	.05	.83
12	8	87	21	111.	2.3	3.8	3.8	8.1	9.6	14.2	12.9	.45	.88
12	8	87	22	127.	2.3	3.0	2.8	3.7	5.4	13.5	11.6	.48	.96
12	8	87	23	117.	2.1	2.6	2.6	2.4	5.3	12.9	11.1	.58	.98
12	8	87	24	314.	1.0	3.6	3.4	29.9	102.2	12.0	10.7	.30	.98

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
13	8	87	1	308.	2.1	3.6	3.6	5.1	19.0	11.0	9.9	.55	.97
13	8	87	2	319.	2.6	4.0	3.6	5.4	6.7	10.3	9.6	.23	.96
13	8	87	3	302.	2.4	3.6	3.6	4.4	10.4	9.9	9.1	.27	.96
13	8	87	4	319.	2.3	2.8	2.8	3.1	7.2	9.2	8.7	.17	.96
13	8	87	5	318.	2.3	3.4	3.2	5.3	6.6	9.1	8.6	.08	.96
13	8	87	6	347.	2.4	4.0	3.8	8.9	14.5	9.6	9.6	-.08	.97
13	8	87	7	1.	1.2	2.4	2.2	10.4	11.6	11.9	13.9	.11	.91
13	8	87	8	294.	1.0	2.2	2.0	17.5	30.6	14.0	15.7	-.45	.87
13	8	87	9	166.	.9	2.2	1.8	40.2	52.3	16.1	17.0	-.79	.85
13	8	87	10	134.	2.0	3.8	3.6	31.9	35.6	17.1	18.6	-.88	.81
13	8	87	11	122.	3.4	5.6	5.2	14.5	14.9	17.0	18.4	-.85	.85
13	8	87	12	118.	3.8	7.0	6.8	15.5	16.6	16.6	18.0	-.76	.89
13	8	87	13	121.	4.1	7.4	6.6	11.2	12.1	16.1	17.2	-.67	.89
13	8	87	14	170.	4.1	7.4	7.2	22.2	28.5	18.0	19.3	-.70	.85
13	8	87	15	193.	5.4	10.2	9.6	16.0	16.6	19.0	19.9	-.57	.67
13	8	87	16	173.	4.4	9.8	9.0	16.5	16.9	17.1	17.8	-.48	.70
13	8	87	17	169.	3.9	7.2	6.8	16.3	16.5	16.1	17.0	-.39	.79
13	8	87	18	183.	4.2	8.0	7.2	14.3	15.1	14.6	14.9	-.29	.91
13	8	87	19	181.	4.1	8.4	8.2	14.9	15.0	13.9	14.1	-.26	.96
13	8	87	20	186.	3.0	6.0	5.6	14.9	15.4	13.2	13.1	-.20	.98
13	8	87	21	187.	3.1	6.2	5.8	14.8	15.5	13.0	12.8	-.14	.98
13	8	87	22	174.	2.7	5.4	4.8	13.1	13.6	12.8	12.6	-.11	.98
13	8	87	23	167.	2.6	4.6	4.2	11.8	13.0	12.6	12.4	-.11	.98
13	8	87	24	202.	2.8	5.6	5.4	13.1	16.5	12.8	12.8	-.17	.98
14	8	87	1	172.	1.6	3.4	3.2	17.6	20.5	12.8	12.8	-.17	.98
14	8	87	2	205.	1.4	2.4	2.2	10.8	19.2	12.5	12.4	-.17	.98
14	8	87	3	254.	.3	1.2	1.2	30.7	42.8	12.1	12.1	-.11	.98
14	8	87	4	63.	.5	2.0	2.0	30.9	92.3	12.0	11.9	-.08	.98
14	8	87	5	75.	1.2	1.8	1.8	4.2	5.6	11.8	11.8	-.11	.98
14	8	87	6	91.	1.3	2.2	2.2	5.1	6.6	11.9	12.0	-.17	.98
14	8	87	7	66.	1.3	2.2	2.0	9.1	11.1	12.2	12.5	-.32	.98
14	8	87	8	49.	.7	1.6	1.4	13.8	15.3	12.6	12.9	-.32	.98
14	8	87	9	98.	.8	2.6	2.4	22.0	34.7	12.9	13.2	-.39	.98
14	8	87	10	79.	2.0	4.4	4.2	10.7	12.1	12.5	12.7	-.32	.98
14	8	87	11	98.	2.0	4.0	3.8	13.9	16.0	12.3	12.7	-.32	.98
14	8	87	12	94.	1.8	3.4	3.0	13.9	16.6	12.8	13.0	-.32	.98
14	8	87	13	76.	.9	3.2	3.0	16.5	21.2	13.4	13.7	-.36	.97
14	8	87	14	79.	1.5	3.0	2.8	13.6	15.3	13.6	14.0	-.42	.97
14	8	87	15	104.	1.1	2.4	2.2	11.9	17.7	13.5	13.7	-.36	.98
14	8	87	16	342.	.4	1.6	1.4	31.4	49.7	13.6	13.9	-.39	.98
14	8	87	17	87.	.6	1.8	1.6	24.4	49.0	13.2	13.5	-.32	.98
14	8	87	18	101.	.3	1.4	1.4	21.6	29.9	13.1	13.3	-.36	.98
14	8	87	19	86.	1.2	5.2	5.0	17.9	32.2	12.6	12.7	-.26	.98
14	8	87	20	67.	2.2	4.0	3.6	8.9	15.5	11.8	11.9	-.17	.98
14	8	87	21	49.	2.1	3.4	3.2	8.2	11.7	11.5	11.6	-.11	.98
14	8	87	22	3.	1.3	3.0	2.6	8.3	21.0	11.5	11.5	-.11	.98
14	8	87	23	354.	1.5	2.8	2.8	8.6	9.6	11.5	11.5	-.14	.98
14	8	87	24	6.	1.5	3.6	3.2	8.1	8.8	11.5	11.4	-.14	.98
15	8	87	1	25.	2.5	5.4	5.0	12.3	13.5	11.3	11.2	-.14	.98
15	8	87	2	1.	2.7	5.0	4.4	11.3	13.1	11.1	11.0	-.17	.98
15	8	87	3	350.	2.3	4.4	4.2	9.7	10.7	11.2	10.9	-.14	.96
15	8	87	4	3.	2.8	5.4	5.2	8.6	14.2	11.0	10.5	-.01	.95
15	8	87	5	3.	3.0	5.8	5.4	8.9	9.3	10.8	10.3	-.01	.95
15	8	87	6	7.	3.3	6.2	6.0	9.7	10.7	11.0	10.8	-.08	.94
15	8	87	7	1.	3.0	6.2	5.8	12.6	13.1	11.7	12.0	-.14	.92
15	8	87	8	14.	3.6	8.0	7.8	12.7	13.4	12.3	13.1	-.23	.91
15	8	87	9	24.	3.8	8.4	8.0	19.1	20.9	13.5	14.7	-.48	.86
15	8	87	10	356.	3.7	7.6	7.0	19.7	21.4	14.3	15.9	-.51	.83
15	8	87	11	6.	2.9	6.2	5.8	21.3	23.3	15.0	16.5	-.45	.81
15	8	87	12	336.	2.2	4.8	4.4	23.1	28.3	16.1	17.5	-.54	.79
15	8	87	13	307.	2.0	4.8	4.4	31.4	36.0	16.9	18.3	-.67	.77
15	8	87	14	172.	1.1	3.6	3.2	65.0	81.0	17.7	18.7	-.70	.77
15	8	87	15	138.	1.1	3.6	3.4	84.2	116.9	18.7	20.1	-.63	.74
15	8	87	16	176.	2.6	5.2	5.0	17.6	25.5	16.8	17.8	-.45	.81
15	8	87	17	169.	3.0	5.8	5.6	16.5	17.7	15.8	16.6	-.36	.85
15	8	87	18	187.	2.8	6.0	5.6	14.3	15.8	15.0	15.3	-.26	.88
15	8	87	19	159.	2.5	5.2	5.0	14.8	19.9	14.3	14.5	-.23	.93
15	8	87	20	145.	2.2	5.2	4.6	15.1	19.5	13.5	13.2	-.11	.97
15	8	87	21	138.	1.7	3.8	3.4	14.9	16.3	13.3	12.9	-.08	.98
15	8	87	22	139.	2.2	3.6	3.4	8.9	10.9	13.4	13.0	-.04	.98
15	8	87	23	155.	1.9	5.0	4.8	13.4	15.1	13.4	13.2	-.08	.98
15	8	87	24	209.	1.1	3.2	3.0	13.2	31.1	13.3	13.3	-.23	.98

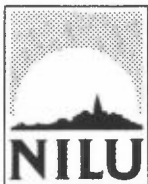
			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
16	8	87	1	342.	.8	1.6	1.6	19.9	50.3	12.6	12.1	-.08	.98
16	8	87	2	336.	.6	1.4	1.4	16.7	22.9	12.6	12.4	-.04	.98
16	8	87	3	332.	1.6	2.6	2.4	9.0	13.0	12.6	12.7	-.20	.98
16	8	87	4	53.	1.2	2.0	1.8	7.3	24.1	12.7	12.7	-.04	.98
16	8	87	5	353.	.5	1.4	1.2	33.7	53.9	12.8	12.5	.02	.98
16	8	87	6	359.	1.0	1.8	1.6	6.0	9.1	13.0	13.0	-.11	.98
16	8	87	7	27.	.7	1.6	1.4	28.8	30.9	13.6	14.0	-.26	.98
16	8	87	8	260.	.8	3.4	3.0	67.5	94.8	15.6	16.6	-.67	.92
16	8	87	9	138.	1.5	3.2	2.8	51.0	65.8	16.0	17.1	-.70	.93
16	8	87	10	110.	1.8	3.6	3.4	19.8	23.1	15.9	17.1	-.60	.93
16	8	87	11	139.	2.5	5.2	5.0	21.5	23.1	16.9	18.5	-.85	.91
16	8	87	12	127.	3.7	7.6	7.2	17.6	19.4	16.5	17.7	-.60	.92
16	8	87	13	134.	4.2	7.0	6.6	14.1	14.8	15.8	16.9	-.60	.92
16	8	87	14	120.	4.1	6.6	6.0	12.4	13.1	16.0	17.3	-.73	.91
16	8	87	15	128.	4.9	7.6	7.2	10.7	11.1	15.4	16.3	-.60	.91
16	8	87	16	129.	4.1	7.2	6.6	13.8	14.1	15.3	16.2	-.54	.92
16	8	87	17	132.	3.9	6.6	6.2	11.8	12.2	14.5	15.0	-.45	.94
16	8	87	18	142.	3.1	5.4	5.2	13.3	14.3	14.1	14.4	-.32	.96
16	8	87	19	136.	2.9	4.8	4.6	10.0	10.4	13.9	14.0	-.20	.98
16	8	87	20	114.	2.6	4.4	4.0	9.0	10.2	13.9	13.8	-.14	.98
16	8	87	21	129.	2.3	3.8	3.4	8.2	9.2	13.7	13.5	-.11	.98
16	8	87	22	90.	1.7	2.8	2.6	9.7	21.7	13.3	13.1	.08	.98
16	8	87	23	97.	1.6	2.8	2.6	6.4	10.1	13.1	12.9	-.04	.98
16	8	87	24	138.	1.8	2.8	2.6	2.8	15.1	13.0	12.9	.02	.98
17	8	87	1	170.	1.4	2.4	2.2	8.9	13.6	13.0	12.9	-.08	.98
17	8	87	2	191.	.8	2.0	2.0	27.3	29.1	12.7	12.5	-.04	.98
17	8	87	3	97.	.7	1.6	1.4	50.4	65.5	12.6	12.0	-.04	.98
17	8	87	4	93.	1.3	1.8	1.8	4.0	16.0	12.4	11.7	.11	.98
17	8	87	5	63.	1.2	1.8	1.8	4.0	12.4	12.2	11.3	.17	.98
17	8	87	6	290.	.2	1.4	1.2	64.0	79.6	12.8	12.1	.48	.98
17	8	87	7	329.	.9	2.0	2.0	14.3	26.0	12.6	12.8	-.26	.98
17	8	87	8	27.	.7	1.8	1.6	17.4	20.3	12.6	13.2	-.17	.98
17	8	87	9	115.	.5	1.6	1.4	94.7	118.2	13.6	14.2	-.36	.98
17	8	87	10	77.	.8	2.4	2.2	70.7	103.5	14.1	14.8	-.57	.96
17	8	87	11	131.	1.4	3.8	3.6	24.7	30.3	14.0	14.5	-.45	.94
17	8	87	12	122.	1.8	3.4	3.2	17.7	21.8	13.8	14.4	-.39	.98
17	8	87	13	120.	1.5	3.0	2.8	22.8	26.3	14.7	15.5	-.45	.95
17	8	87	14	187.	.8	2.4	2.2	27.0	47.0	15.1	15.6	-.48	.95
17	8	87	15	176.	1.3	3.0	2.4	17.6	24.4	15.0	15.5	-.36	.96
17	8	87	16	162.	2.2	4.6	4.4	18.9	20.1	14.9	15.6	-.32	.96
17	8	87	17	176.	2.4	4.4	4.0	14.4	15.8	14.7	15.2	-.32	.98
17	8	87	18	165.	2.0	4.0	3.8	13.8	16.7	14.6	15.1	-.32	.98
17	8	87	19	176.	2.0	3.4	3.2	11.6	13.4	14.5	14.8	-.26	.98
17	8	87	20	157.	1.8	3.6	3.2	11.2	12.3	14.0	14.0	-.20	.98
17	8	87	21	180.	1.8	3.4	3.2	11.5	13.1	13.5	13.3	-.14	.98
17	8	87	22	195.	1.6	4.0	3.6	17.4	18.5	13.2	12.9	-.08	.98
17	8	87	23	188.	2.3	5.4	5.2	18.1	18.7	13.5	13.4	-.11	.98
17	8	87	24	193.	2.3	5.0	4.8	16.5	16.8	13.7	13.7	-.20	.98
18	8	87	1	197.	1.8	3.4	3.2	15.8	16.2	13.7	13.7	-.20	.98
18	8	87	2	190.	1.6	3.2	3.2	11.3	13.9	13.7	13.7	-.20	.98
18	8	87	3	260.	1.0	2.6	2.4	32.3	38.3	13.8	13.8	-.17	.98
18	8	87	4	277.	.2	.8	.6	27.3	43.6	13.9	13.7	-.14	.98
18	8	87	5	208.	.7	1.2	1.0	15.7	25.0	13.9	13.8	-.20	.98
18	8	87	6	194.	1.1	2.6	2.4	11.4	16.1	13.9	14.1	-.26	.98
18	8	87	7	208.	1.1	2.6	2.4	16.0	17.3	14.4	14.8	-.42	.98
18	8	87	8	179.	.9	2.0	1.8	19.3	22.0	15.0	15.5	-.42	.98
18	8	87	9	166.	1.2	3.0	2.8	20.9	26.0	15.3	15.9	-.39	.95
18	8	87	10	162.	1.2	3.4	3.2	31.4	34.9	16.5	17.4	-.42	.92
18	8	87	11	134.	2.3	5.6	5.4	25.4	29.9	17.4	18.7	-.67	.91
18	8	87	12	165.	3.8	7.0	6.6	14.3	20.3	16.8	17.9	-.57	.95
18	8	87	13	150.	3.8	7.4	6.8	17.5	18.2	16.5	17.7	-.51	.95
18	8	87	14	135.	4.3	8.4	7.2	16.0	17.3	16.4	17.6	-.54	.95
18	8	87	15	143.	4.5	8.0	7.4	15.9	16.8	16.0	17.1	-.51	.98
18	8	87	16	157.	4.2	7.8	7.4	15.8	16.2	15.5	16.2	-.36	.98
18	8	87	17	146.	3.9	8.6	7.0	13.9	14.4	15.6	16.2	-.36	.98
18	8	87	18	129.	3.8	7.2	7.2	15.1	16.8	15.3	15.7	-.32	.98
18	8	87	19	129.	3.3	6.8	6.2	13.3	13.7	14.7	15.0	-.26	.98
18	8	87	20	96.	2.3	3.8	3.6	14.4	19.3	14.6	14.8	-.26	.98
18	8	87	21	44.	1.4	3.0	3.0	17.3	24.9	14.5	14.7	-.26	.98
18	8	87	22	325.	.7	1.6	1.6	13.3	22.0	14.6	14.7	-.26	.98
18	8	87	23	299.	1.8	3.6	3.4	11.3	20.0	14.6	14.7	-.23	.98
18	8	87	24	315.	2.4	4.8	4.6	10.1	13.8	14.5	14.6	-.23	.98

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
19	8	87	1	295.	2.5	4.2	4.2	10.0	12.1	14.5	14.4	-.20	.98
19	8	87	2	301.	2.9	4.4	4.2	7.2	8.7	14.0	13.6	-.01	.98
19	8	87	3	301.	3.4	5.0	4.8	4.7	5.6	13.4	12.9	.14	.94
19	8	87	4	304.	3.8	5.0	4.8	4.7	5.1	12.5	12.1	.14	.92
19	8	87	5	307.	3.7	5.0	4.8	5.4	6.1	12.1	11.7	.08	.87
19	8	87	6	304.	3.4	4.6	4.4	6.0	6.3	12.0	11.9	-.14	.90
19	8	87	7	308.	4.3	6.2	6.0	6.1	6.4	12.6	13.0	-.29	.81
19	8	87	8	307.	4.6	6.6	6.2	7.4	7.7	14.2	14.8	-.48	.75
19	8	87	9	304.	3.9	6.0	5.6	9.1	9.2	16.1	17.0	-.76	.72
19	8	87	10	308.	4.5	8.0	7.0	9.7	9.8	17.2	18.2	-.79	.71
19	8	87	11	307.	4.6	7.4	7.2	9.8	10.2	18.0	18.9	-.76	.70
19	8	87	12	304.	3.1	6.0	5.6	16.8	17.1	19.4	20.5	-.91	.69
19	8	87	13	273.	2.5	4.8	4.4	18.2	19.9	20.9	22.0	-1.13	.67
19	8	87	14	288.	2.1	4.8	4.4	20.9	21.8	22.1	23.3	-1.16	.64
19	8	87	15	165.	1.9	4.6	4.4	39.5	53.5	22.9	24.2	-1.01	.62
19	8	87	16	180.	4.2	7.4	6.8	14.9	16.3	21.0	22.4	-.57	.71
19	8	87	17	193.	2.9	6.0	5.4	21.4	23.1	20.9	22.1	-.42	.72
19	8	87	18	159.	2.2	5.8	5.4	23.0	27.6	20.8	22.2	-.70	.73
19	8	87	19	153.	1.2	2.4	2.2	18.2	21.5	20.0	20.6	-.26	.80
19	8	87	20	115.	2.3	4.2	4.0	6.9	13.0	17.1	16.4	.02	.94
19	8	87	21	121.	2.6	4.2	4.0	5.1	7.7	15.0	14.3	.08	.98
19	8	87	22	228.	1.6	3.2	3.0	24.2	58.6	14.4	13.4	.23	.98
19	8	87	23	305.	1.9	3.6	3.6	15.4	23.1	14.1	13.0	.20	.98
19	8	87	24	322.	3.5	4.8	4.6	2.0	5.1	14.2	13.5	.64	.98
20	8	87	1	319.	3.4	5.2	4.8	4.7	5.1	14.9	13.8	.33	.94
20	8	87	2	318.	4.0	5.2	5.0	3.4	5.8	14.2	13.4	.70	.94
20	8	87	3	316.	3.5	5.6	5.2	6.0	8.7	13.8	12.9	.17	.89
20	8	87	4	326.	3.2	4.2	4.0	4.0	5.6	13.1	12.2	.23	.90
20	8	87	5	335.	2.9	4.0	4.0	4.4	12.7	12.5	11.5	.27	.94
20	8	87	6	344.	2.5	4.2	3.8	6.0	9.6	12.5	12.1	.05	.91
20	8	87	7	330.	2.1	3.8	3.6	9.5	13.2	13.7	14.6	-.11	.85
20	8	87	8	7.	1.2	2.4	2.2	22.8	27.4	15.5	17.1	-.57	.83
20	8	87	9	281.	1.3	2.8	2.6	16.3	36.5	17.0	18.3	-.76	.82
20	8	87	10	245.	1.0	2.2	2.2	36.6	40.7	18.9	19.6	-1.26	.81
20	8	87	11	179.	1.4	2.6	2.4	25.7	35.7	19.2	19.9	-.88	.82
20	8	87	12	127.	2.3	4.0	4.0	17.1	22.8	18.4	19.5	-.54	.90
20	8	87	13	129.	3.2	5.0	4.8	12.2	12.6	18.6	19.7	-.60	.90
20	8	87	14	145.	3.4	6.2	5.8	13.6	15.2	17.8	19.0	-.60	.95
20	8	87	15	111.	3.7	6.2	5.8	14.0	16.8	15.6	16.6	-.51	.98
20	8	87	16	128.	3.7	5.8	5.6	10.5	12.0	15.4	16.1	-.48	.98
20	8	87	17	117.	3.4	5.8	5.6	10.6	11.2	15.5	15.9	-.39	.98
20	8	87	18	125.	3.5	6.4	6.0	10.8	11.1	15.7	16.0	-.39	.98
20	8	87	19	117.	3.4	6.4	6.0	9.4	10.7	15.0	15.0	-.29	.98
20	8	87	20	115.	4.0	6.2	5.8	7.0	7.6	14.3	14.3	-.20	.98
20	8	87	21	128.	3.4	5.8	5.6	9.2	9.7	14.3	14.2	-.17	.98
20	8	87	22	156.	2.6	4.8	4.6	11.5	16.2	14.1	14.0	-.14	.98
20	8	87	23	186.	2.2	5.4	5.0	19.0	22.8	14.0	13.9	-.14	.98
20	8	87	24	195.	3.2	6.0	5.4	16.6	16.9	14.3	14.2	-.14	.98
21	8	87	1	152.	3.3	6.6	6.4	13.4	19.2	14.2	14.1	-.11	.98
21	8	87	2	172.	3.1	6.0	5.8	12.9	14.2	13.8	13.7	-.17	.98
21	8	87	3	174.	3.6	7.0	6.8	13.2	13.8	13.7	13.6	-.17	.96
21	8	87	4	155.	3.0	5.4	5.0	13.6	15.1	13.5	13.4	-.17	.98
21	8	87	5	149.	2.9	5.2	5.0	12.7	13.5	13.5	13.4	-.14	.98
21	8	87	6	165.	3.0	7.0	6.6	16.0	17.3	13.9	13.9	-.14	.98
21	8	87	7	183.	4.2	11.4	11.0	16.0	16.8	14.5	14.7	-.23	.98
21	8	87	8	184.	5.1	10.6	10.0	15.5	16.3	14.7	15.0	-.23	.93
21	8	87	9	186.	5.0	11.6	10.6	18.1	18.3	14.9	15.2	-.26	.92
21	8	87	10	179.	6.3	13.2	11.4	17.3	17.6	14.9	15.3	-.26	.91
21	8	87	11	176.	6.0	12.8	12.4	16.9	17.4	15.0	15.4	-.29	.92
21	8	87	12	172.	5.7	13.2	12.8	17.6	17.8	15.0	15.3	-.26	.93
21	8	87	13	169.	5.8	13.2	11.8	15.7	16.1	15.4	15.6	-.23	.93
21	8	87	14	166.	2.8	7.6	7.2	19.8	22.3	14.2	14.2	-.23	.98
21	8	87	15	138.	2.2	4.8	4.2	14.9	17.6	13.9	14.1	-.20	.98
21	8	87	16	141.	2.7	5.8	5.4	16.6	18.0	14.3	14.4	-.20	.98
21	8	87	17	167.	3.0	6.6	6.2	16.8	18.2	14.7	14.9	-.23	.98
21	8	87	18	191.	2.9	5.8	5.4	17.4	18.9	14.8	15.0	-.20	.98
21	8	87	19	169.	2.5	5.8	5.2	18.8	22.2	15.0	15.2	-.20	.98
21	8	87	20	91.	.3	1.6	1.6	60.7	70.1	15.0	15.2	-.17	.98
21	8	87	21	135.	.9	2.4	2.2	18.9	25.1	15.0	15.1	-.17	.98
21	8	87	22	149.	1.5	3.2	3.0	10.6	15.7	14.8	14.8	-.11	.98
21	8	87	23	349.	.5	1.8	1.6	36.6	108.7	14.8	14.7	-.08	.98
21	8	87	24	308.	1.0	2.2	2.0	18.1	20.9	14.8	14.6	-.08	.98

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
22	8 87	1	308.	1.8	3.4	3.2	9.6	11.2	14.6	14.6	-.20	.98
22	8 87	2	311.	2.8	5.4	4.8	11.0	15.5	14.2	14.3	-.20	.98
22	8 87	3	314.	3.1	5.0	5.0	8.3	9.8	14.1	14.1	-.17	.98
22	8 87	4	321.	2.8	4.8	4.6	8.3	9.9	13.7	13.6	-.17	.98
22	8 87	5	323.	3.1	5.0	4.8	7.6	8.4	12.9	12.7	-.14	.98
22	8 87	6	311.	3.2	4.8	4.6	8.0	10.4	12.4	12.3	-.17	.98
22	8 87	7	314.	4.0	6.0	5.6	6.6	7.3	12.8	13.3	-.36	.96
22	8 87	8	311.	3.2	5.2	5.0	9.3	9.9	13.7	14.4	-.54	.92
22	8 87	9	312.	3.2	5.2	5.0	7.4	8.0	14.3	14.9	-.51	.90
22	8 87	10	312.	3.0	5.0	4.8	8.6	10.1	14.8	15.4	-.54	.88
22	8 87	11	284.	1.3	4.4	4.2	23.2	28.1	15.9	16.5	-.54	.86
22	8 87	12	277.	1.0	3.2	3.0	52.2	56.4	18.8	20.1	-1.19	.82
22	8 87	13	162.	1.3	2.8	2.6	32.9	55.3	19.0	20.0	-.76	.81
22	8 87	14	156.	2.0	4.2	3.8	16.2	17.7	18.3	19.3	-.36	.80
22	8 87	15	155.	2.4	4.4	4.2	12.3	13.6	17.6	18.2	-.26	.79
22	8 87	16	152.	2.1	3.4	3.4	9.3	9.7	16.9	17.2	-.20	.80
22	8 87	17	125.	1.8	2.8	2.6	8.6	12.6	16.1	16.1	-.11	.84
22	8 87	18	160.	2.1	3.8	3.6	9.9	16.2	15.2	15.3	-.23	.97
22	8 87	19	169.	1.1	2.8	2.6	19.6	25.5	14.7	14.6	-.17	.98
22	8 87	20	1.	.9	2.0	2.0	45.5	60.3	14.1	13.6	.02	.98
22	8 87	21	22.	1.0	1.8	1.6	13.9	26.9	13.4	13.2	.23	.98
22	8 87	22	24.	1.0	2.2	2.2	12.2	19.8	12.9	12.6	.36	.98
22	8 87	23	351.	1.6	2.8	2.8	7.4	12.4	12.6	12.4	-.04	.98
22	8 87	24	340.	2.6	5.2	5.0	11.6	16.0	12.2	12.1	-.17	.98
23	8 87	1	333.	2.5	5.0	4.8	19.5	23.9	11.7	11.7	-.23	.98
23	8 87	2	357.	3.4	7.6	6.6	13.3	18.8	11.9	11.9	-.17	.98
23	8 87	3	31.	3.5	7.0	6.4	13.3	17.2	12.1	11.9	-.08	.96
23	8 87	4	0.	3.1	6.8	6.4	19.5	32.3	12.1	12.1	-.17	.98
23	8 87	5	11.	3.7	8.8	8.4	11.7	12.8	12.0	12.0	-.20	.98
23	8 87	6	31.	3.7	7.8	7.4	16.3	17.3	12.3	12.3	-.17	.98
23	8 87	7	6.	2.6	5.0	4.8	15.3	18.0	12.7	12.7	-.17	.98
23	8 87	8	356.	3.3	7.2	6.8	12.0	14.0	12.7	12.8	-.20	.98
23	8 87	9	332.	3.8	7.8	7.6	15.3	28.1	13.0	13.0	-.20	.98
23	8 87	10	354.	3.8	8.8	8.0	23.6	29.2	13.4	13.5	-.17	.98
23	8 87	11	14.	3.7	9.0	8.8	14.4	18.9	13.8	13.9	-.20	.98
23	8 87	12	13.	4.8	9.2	8.8	12.7	12.9	14.1	14.2	-.20	.98
23	8 87	13	22.	4.1	8.4	8.2	14.0	14.4	14.2	14.4	-.23	.97
23	8 87	14	22.	5.1	10.6	10.0	15.5	16.2	13.9	14.3	-.26	.95
23	8 87	15	18.	5.4	11.6	10.6	14.2	14.4	13.6	13.8	-.23	.93
23	8 87	16	7.	4.7	9.2	8.6	13.7	14.2	12.9	12.9	-.23	.93
23	8 87	17	11.	5.2	10.4	9.2	13.5	13.6	12.1	12.0	-.20	.94
23	8 87	18	14.	5.3	11.6	11.4	16.5	16.9	11.5	11.5	-.20	.94
23	8 87	19	18.	5.6	12.2	11.8	15.1	15.7	11.4	11.3	-.20	.93
23	8 87	20	14.	4.9	9.8	9.4	14.7	15.0	11.2	11.1	-.20	.92
23	8 87	21	14.	4.5	9.4	8.8	16.5	16.8	10.8	10.7	-.20	.95
23	8 87	22	20.	4.2	9.6	9.2	19.3	19.5	10.8	10.7	-.20	.94
23	8 87	23	14.	4.3	10.4	9.6	16.9	17.4	10.5	10.4	-.20	.95
23	8 87	24	7.	3.8	7.8	7.6	16.3	16.6	10.1	10.1	-.20	.96
24	8 87	1	10.	3.9	8.0	7.0	14.8	15.0	10.0	9.9	-.17	.95
24	8 87	2	21.	3.3	7.4	6.8	16.8	17.2	10.2	10.1	-.14	.93
24	8 87	3	21.	3.3	9.4	8.4	17.5	18.0	10.3	10.2	-.14	.90
24	8 87	4	22.	3.3	8.8	8.0	20.4	20.9	10.3	10.2	-.17	.88
24	8 87	5	30.	3.7	8.2	7.4	19.4	19.5	10.0	9.9	-.17	.86
24	8 87	6	25.	3.7	8.8	8.4	18.3	18.6	9.8	9.7	-.20	.85
24	8 87	7	17.	3.3	8.2	7.4	19.2	19.7	9.5	9.6	-.20	.86
24	8 87	8	35.	3.5	8.0	7.4	17.5	18.7	9.4	9.5	-.23	.87
24	8 87	9	15.	3.2	8.4	7.6	21.8	23.8	9.2	9.4	-.23	.90
24	8 87	10	32.	3.5	8.2	7.6	16.8	18.5	9.6	9.7	-.20	.89
24	8 87	11	17.	3.2	7.2	6.8	18.4	19.0	9.9	10.0	-.20	.87
24	8 87	12	18.	3.3	7.8	7.2	17.4	18.2	10.5	10.5	-.17	.82
24	8 87	13	17.	2.4	8.0	7.4	23.0	23.3	11.0	11.1	-.20	.80
24	8 87	14	332.	2.5	6.0	5.6	15.2	23.1	11.4	11.5	-.23	.80
24	8 87	15	6.	2.5	5.4	4.8	10.2	14.5	11.7	11.7	-.17	.80
24	8 87	16	1.	2.1	4.2	3.8	12.2	13.8	11.9	11.9	-.17	.81
24	8 87	17	0.	2.3	5.0	4.4	11.4	12.1	12.0	12.0	-.17	.81
24	8 87	18	10.	2.4	5.2	4.8	10.4	11.1	12.1	11.9	-.14	.82
24	8 87	19	6.	2.2	4.6	4.2	12.7	14.9	12.0	11.8	-.11	.82
24	8 87	20	344.	2.2	4.2	4.0	9.5	11.8	11.9	11.6	-.08	.83
24	8 87	21	4.	2.5	4.4	3.8	7.4	10.4	11.8	11.4	-.04	.84
24	8 87	22	13.	3.2	5.2	4.8	8.2	8.4	11.8	11.6	-.04	.84
24	8 87	23	24.	3.2	5.0	4.8	8.9	9.5	11.9	11.7	-.08	.84
24	8 87	24	34.	2.8	4.6	4.4	10.6	13.3	11.8	11.6	-.08	.84

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2
25	8 87	1	42.	2.8	4.6	4.2	10.0	11.1	11.6	11.1	.02	.86
25	8 87	2	37.	3.2	5.4	5.0	10.3	10.5	11.0	10.1	.17	.90
25	8 87	3	55.	3.5	6.4	6.0	13.6	14.1	11.0	10.5	.08	.88
25	8 87	4	56.	3.4	6.0	5.8	15.1	15.3	11.0	10.8	-.04	.87
25	8 87	5	25.	2.6	5.6	5.2	14.0	16.8	10.6	10.4	-.08	.89
25	8 87	6	32.	2.3	4.8	4.4	14.4	15.3	10.5	10.4	-.14	.90
25	8 87	7	38.	2.9	6.0	5.4	18.1	18.2	10.8	11.1	-.26	.87
25	8 87	8	46.	3.9	8.6	7.6	21.5	22.1	11.1	11.5	-.36	.83
25	8 87	9	41.	3.3	8.2	7.8	21.8	22.4	11.6	12.1	-.39	.78
25	8 87	10	37.	3.9	8.6	8.0	19.2	20.9	12.1	12.6	-.42	.73
25	8 87	11	37.	4.4	8.6	7.8	19.4	19.7	12.7	13.6	-.54	.68
25	8 87	12	31.	4.8	9.6	8.8	17.7	18.1	12.7	13.4	-.51	.70
25	8 87	13	25.	5.1	10.0	9.2	17.2	17.6	12.4	12.7	-.29	.73
25	8 87	14	38.	4.4	10.2	9.4	19.0	19.8	12.5	12.7	-.23	.73
25	8 87	15	44.	4.6	10.6	10.0	20.4	20.7	12.6	12.6	-.20	.73
25	8 87	16	48.	4.6	11.2	11.0	20.1	20.3	11.8	11.6	-.11	.82
25	8 87	17	55.	3.4	8.8	8.6	22.0	23.2	10.4	10.2	-.11	.95
25	8 87	18	25.	4.0	9.6	9.0	20.2	20.9	9.8	9.7	-.14	.96
25	8 87	19	18.	4.7	10.4	10.2	16.3	16.8	10.0	9.9	-.11	.95
25	8 87	20	18.	4.8	11.0	10.0	18.3	18.9	10.3	10.2	-.11	.93
25	8 87	21	11.	3.3	10.0	9.6	22.3	22.8	10.3	10.2	-.17	.93
25	8 87	22	10.	3.3	8.2	7.0	17.4	18.0	10.0	9.9	-.23	.96
25	8 87	23	10.	4.1	10.0	8.8	17.3	17.7	10.0	9.9	-.17	.96
25	8 87	24	18.	3.9	10.8	10.0	21.9	22.1	10.2	10.1	-.17	.94
26	8 87	1	31.	4.5	10.6	10.2	23.5	24.9	10.4	10.4	-.17	.94
26	8 87	2	38.	5.7	13.8	12.2	18.7	18.8	10.4	10.4	-.17	.95
26	8 87	3	31.	5.1	11.8	10.8	19.3	19.6	10.5	10.5	-.17	.94
26	8 87	4	21.	4.9	12.0	11.2	19.7	20.1	10.6	10.6	-.17	.94
26	8 87	5	25.	4.7	10.8	10.4	16.9	17.2	10.6	10.6	-.20	.95
26	8 87	6	18.	4.8	9.8	9.4	14.5	15.5	10.2	10.2	-.20	.97
26	8 87	7	20.	4.9	9.8	9.0	13.2	13.4	9.9	9.9	-.17	.98
26	8 87	8	18.	3.4	8.8	8.2	17.4	17.8	9.9	9.9	-.20	.97
26	8 87	9	3.	3.3	7.4	6.6	17.2	18.1	10.1	10.1	-.20	.97
26	8 87	10	11.	3.6	7.8	7.0	13.4	13.9	10.2	10.1	-.20	.97
26	8 87	11	20.	3.9	9.8	8.4	15.4	16.1	10.3	10.3	-.20	.97
26	8 87	12	6.	3.9	8.8	8.2	14.9	15.5	10.3	10.4	-.23	.98
26	8 87	13	13.	4.0	9.4	9.0	15.8	16.3	10.4	10.5	-.23	.98
26	8 87	14	24.	4.0	9.4	9.0	14.9	15.6	10.6	10.6	-.23	.97
26	8 87	15	18.	3.4	7.0	6.4	15.0	15.4	10.5	10.6	-.20	.98
26	8 87	16	7.	2.8	6.0	5.6	18.5	19.2	10.6	10.7	-.23	.98
26	8 87	17	10.	2.9	7.0	6.8	15.9	17.8	10.8	10.9	-.23	.98
26	8 87	18	3.	2.9	6.2	6.0	14.7	16.5	10.9	10.9	-.20	.98
26	8 87	19	357.	2.0	5.4	4.8	21.1	22.4	11.0	11.0	-.17	.98
26	8 87	20	335.	1.8	4.4	4.2	18.1	22.6	11.1	11.1	-.17	.98
26	8 87	21	353.	1.8	4.2	3.6	14.5	17.3	11.1	11.0	-.14	.98
26	8 87	22	336.	1.8	4.2	4.0	12.3	14.1	11.1	11.1	-.14	.98
26	8 87	23	337.	2.5	5.2	4.4	9.9	11.1	11.1	11.0	-.14	.98
26	8 87	24	351.	2.3	4.6	4.4	8.2	9.2	11.3	11.2	-.14	.98
27	8 87	1	356.	2.0	5.0	4.4	9.0	10.2	11.3	11.1	-.11	.98
27	8 87	2	347.	2.2	5.2	4.6	13.8	16.0	11.4	11.3	-.14	.97
27	8 87	3	351.	2.3	4.8	4.6	13.6	14.1	11.5	11.4	-.14	.97
27	8 87	4	8.	2.2	4.8	4.2	13.0	16.6	11.6	11.5	-.14	.96
27	8 87	5	357.	2.7	6.2	6.0	11.7	12.9	11.6	11.4	-.14	.96
27	8 87	6	3.	2.3	5.2	4.8	13.5	16.0	11.7	11.6	-.14	.96
27	8 87	7	8.	2.1	4.8	4.6	11.7	12.3	11.9	12.0	-.17	.96
27	8 87	8	349.	1.9	5.2	4.8	13.4	14.5	12.2	12.5	-.23	.96
27	8 87	9	332.	2.0	4.2	4.0	11.0	15.1	12.2	12.3	-.23	.97
27	8 87	10	339.	1.7	3.4	3.2	10.7	13.0	12.6	12.9	-.23	.96
27	8 87	11	328.	1.9	3.4	3.2	11.8	13.2	12.9	13.2	-.26	.95
27	8 87	12	319.	2.2	3.8	3.6	16.2	19.3	13.8	14.6	-.57	.93
27	8 87	13	256.	1.9	4.0	3.8	17.8	20.9	15.1	16.1	-.91	.91
27	8 87	14	281.	1.7	3.4	3.0	15.7	18.4	15.7	16.3	-.76	.90
27	8 87	15	190.	.9	2.2	2.0	28.1	46.6	16.1	16.7	-.67	.90
27	8 87	16	174.	1.9	4.2	4.0	18.1	22.9	15.6	16.3	-.48	.94
27	8 87	17	183.	2.6	4.2	3.8	13.0	13.6	14.9	15.3	-.29	.98
27	8 87	18	180.	2.3	4.0	3.8	15.2	16.3	14.5	14.7	-.36	.98
27	8 87	19	149.	1.6	3.2	2.8	14.7	16.5	13.8	13.8	-.20	.98
27	8 87	20	129.	1.6	3.6	3.4	15.1	22.0	13.3	13.2	-.14	.98
27	8 87	21	114.	1.3	3.4	3.0	8.8	10.3	12.9	12.8	-.14	.98
27	8 87	22	231.	1.0	1.8	1.6	31.6	45.2	12.9	12.7	.05	.98
27	8 87	23	262.	1.1	3.4	3.2	25.0	29.4	13.1	12.6	-.11	.98
27	8 87	24	294.	2.8	8.0	7.4	15.3	21.5	13.4	13.2	-.04	.98

			DD-25	FF-25	GUST1	GUST3	SIGK	SIGKL	T-25	T-2	DT	RH-2	
28	8	87	1	305.	3.9	9.0	8.2	14.9	15.7	13.3	13.1	-.08	.85
28	8	87	2	298.	5.2	9.6	9.0	11.5	11.8	12.9	12.7	-.08	.77
28	8	87	3	305.	5.2	10.2	10.0	13.1	13.8	12.4	12.1	-.08	.74
28	8	87	4	312.	4.9	9.8	9.4	11.8	12.7	12.2	12.0	-.11	.72
28	8	87	5	315.	3.3	6.0	5.8	13.0	14.5	11.9	11.6	-.11	.75
28	8	87	6	298.	2.8	5.6	5.2	14.7	20.4	11.9	11.7	-.17	.76
28	8	87	7	314.	3.0	5.6	5.2	11.6	13.0	12.2	12.4	-.32	.76
28	8	87	8	315.	2.8	5.2	5.0	10.8	14.6	12.5	12.8	-.39	.79
28	8	87	9	301.	2.5	4.6	4.4	14.9	18.5	14.6	15.5	-.85	.73
28	8	87	10	285.	2.7	4.8	4.4	14.7	18.0	16.4	17.3	-1.07	.69
28	8	87	11	309.	3.2	8.0	7.8	16.9	18.2	17.3	18.3	-1.07	.67
28	8	87	12	312.	4.1	7.8	7.6	12.4	13.0	17.8	18.9	-.79	.64
28	8	87	13	308.	4.1	8.6	8.0	10.8	11.2	18.3	19.4	-.73	.61
28	8	87	14	283.	3.5	6.8	6.6	15.8	18.8	19.0	20.1	-.91	.60
28	8	87	15	301.	3.3	6.8	6.4	16.0	16.6	19.5	20.6	-.95	.57
28	8	87	16	314.	2.4	5.4	5.2	18.0	20.3	20.1	21.2	-.91	.56
28	8	87	17	115.	3.0	6.8	6.6	40.8	70.3	18.1	19.0	-.57	.69
28	8	87	18	112.	2.9	5.2	5.0	14.4	16.8	17.0	17.4	-.45	.81
28	8	87	19	1.	1.8	7.0	6.8	45.6	62.6	17.3	16.3	-.01	.79
28	8	87	20	305.	2.3	3.2	3.0	20.4	27.0	15.8	14.6	.17	.75
28	8	87	21	305.	3.1	5.8	5.4	8.3	10.2	14.4	13.5	.20	.76
28	8	87	22	354.	3.3	7.2	6.8	9.8	17.7	13.8	13.0	.14	.73
28	8	87	23	319.	3.1	6.0	5.6	8.8	12.5	13.1	11.8	.08	.71
28	8	87	24	329.	3.8	6.0	5.8	8.2	8.8	12.2	11.5	.11	.73
29	8	87	1	322.	3.2	5.4	5.2	9.9	10.8	11.6	10.9	.08	.72
29	8	87	2	302.	2.6	7.0	6.6	10.2	14.0	10.9	10.2	.08	.74
29	8	87	3	325.	3.1	6.0	5.8	9.5	12.7	10.6	9.8	.08	.75
29	8	87	4	283.	2.7	4.8	4.4	9.0	18.9	10.3	9.4	.08	.75
29	8	87	5	294.	3.2	4.4	4.0	6.7	7.6	9.5	8.9	.05	.79
29	8	87	6	299.	3.4	4.4	4.2	4.2	5.6	9.1	8.7	.08	.83
29	8	87	7	301.	2.1	3.8	3.4	7.4	8.1	10.2	11.0	-.39	.80
29	8	87	8	314.	2.2	3.8	3.6	9.7	11.4	11.7	12.7	-.73	.75
29	8	87	9	315.	3.1	5.6	5.4	9.1	9.5	13.1	14.1	-.73	.71
29	8	87	10	307.	3.8	6.8	6.4	12.6	13.4	14.6	15.6	-.85	.68
29	8	87	11	318.	4.3	7.2	6.8	12.0	12.6	15.5	16.4	-.85	.66
29	8	87	12	301.	4.2	7.6	7.0	10.9	11.3	16.4	17.4	-.88	.65
29	8	87	13	285.	3.5	7.0	6.6	16.8	19.8	17.5	18.7	-1.01	.63
29	8	87	14	321.	2.7	6.2	5.4	15.1	21.1	17.6	18.4	-.79	.63
29	8	87	15	304.	1.2	2.8	2.6	18.3	28.8	17.9	18.5	-.91	.64
29	8	87	16	191.	3.5	8.8	8.4	48.5	72.3	17.1	17.9	-.67	.68
29	8	87	17	174.	3.6	7.0	6.6	16.8	18.3	15.6	16.0	-.29	.72
29	8	87	18	177.	2.8	5.8	5.4	16.0	17.4	14.9	15.0	-.17	.76
29	8	87	19	263.	1.8	4.0	4.0	55.0	93.1	14.6	14.2	-.04	.81
29	8	87	20	307.	1.9	3.8	3.4	14.7	26.9	14.0	13.3	-.01	.81
29	8	87	21	316.	2.8	4.6	4.4	8.8	9.7	13.3	12.5	.02	.81
29	8	87	22	298.	2.9	5.2	5.2	8.6	16.0	12.6	12.0	.02	.80
29	8	87	23	312.	2.1	4.2	4.0	8.9	11.0	12.3	11.7	.05	.79
29	8	87	24	304.	2.5	4.2	4.0	6.0	6.6	11.9	11.4	.05	.83
30	8	87	1	305.	2.5	3.6	3.4	6.1	12.2	11.1	10.6	.05	.85
30	8	87	2	299.	2.5	4.8	4.4	5.3	8.6	10.6	10.1	.20	.89
30	8	87	3	307.	3.0	4.4	4.2	3.7	6.1	10.4	10.0	.23	.91
30	8	87	4	326.	2.4	3.6	3.6	3.7	7.2	10.2	9.8	.14	.89
30	8	87	5	316.	2.3	3.4	3.2	4.0	8.3	10.4	9.9	.05	.83
30	8	87	6	340.	1.8	2.6	2.4	6.7	19.4	10.4	10.1	-.08	.86
30	8	87	7	312.	1.4	2.8	2.6	13.0	26.6	10.3	10.3	-.11	.93
30	8	87	8	283.	1.5	2.8	2.6	32.5	40.1	10.4	10.5	-.11	.95
30	8	87	9	290.	1.5	2.6	2.4	13.4	17.0	11.5	12.0	-.48	.90
30	8	87	10	269.	1.2	2.2	2.0	14.1	21.2	11.8	12.1	-.54	.90
30	8	87	11	195.	1.0	2.6	2.4	29.8	37.0	11.4	11.7	-.48	.96
30	8	87	12	177.	1.5	3.0	2.8	14.2	17.4	11.7	12.3	-.51	.92
30	8	87	13	162.	1.6	3.2	3.0	19.4	23.2	11.8	12.4	-.39	.87
30	8	87	14	166.	1.0	2.6	2.4	31.7	37.5	12.7	13.6	-.45	.85
30	8	87	15	127.	1.0	2.8	2.6	42.9	49.1	13.2	14.1	-.57	.83
30	8	87	16	347.	.7	2.4	2.2	62.1	146.9	13.1	13.6	-.42	.83
30	8	87	17	347.	1.2	2.6	2.4	15.7	18.5	12.9	13.4	-.32	.85
30	8	87	18	340.	2.3	4.6	4.4	9.5	10.8	12.9	13.0	-.23	.86
30	8	87	19	339.	2.4	4.4	4.0	8.9	11.6	12.5	11.9	-.11	.88
30	8	87	20	343.	2.3	4.4	4.2	7.8	8.7	11.5	10.3	.05	.90
30	8	87	21	278.	2.1	4.2	3.8	8.0	24.4	11.1	10.1	.05	.89
30	8	87	22	291.	2.2	3.6	3.4	7.0	9.1	10.4	9.5	.14	.95
30	8	87	23	299.	3.1	4.4	4.2	5.1	6.7	10.3	9.6	.20	.92
30	8	87	24	314.	2.4	4.2	4.0	6.0	9.6	10.0	9.0	.17	.92



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DATO AUGUST 1988	ANSV. SIGN. <i>Kari Hoem</i>	ANT. SIDER 72	PRIS NOK 120,-
TITTEL Meteorologiske data fra nedre Telemark, sommeren 1987.		PROSJEKTLEDER K. Hoem	
		NILU PROSJEKT NR. O-8365	
FORFATTER(E) Kari Hoem		TILGJENGELIGHET A	
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3 STIKKORD (å maks. 20 anslag) Meteorologiske data Statistisk bearb.			
REFERAT (maks. 300 anslag, 7 linjer) En statistisk bearbeiding av meteorologiske data fra nedre Telemark i perioden 1.6.87-31.8.87 viser dominerende nordvestlige vinder ved Ås. Gjennomsnittlig vindstyrke var 0.1 m/s høyere enn normalt. Stabilitetsfordelingen viser færre tilfeller av ustabil, lett stabil og stabil sjiktning enn vanlig. Juni og august var kaldere enn gjennomsnittet for de ti siste årene, mens juli var som normalt. Sommeren 1987 var den fuktigste sommeren siden registreringene ved Ås startet.			
TITLE Meteorological data from nedre Telemark, summer 1987.			
ABSTRACT (max. 300 characters, 7 lines) A statistical evaluation of meteorological data from nedre Telemark during the summer 1987 show dominating winds from northwest. Stable and light stable cases were observed in about 24% of the time (less than normal). June and August were colder than normal, while July was as normal. Summer 1987 had the highest humidity ever registrated at Ås in the summer time.			

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