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METEOROLOGISKE DATA FRA NEDRE TELEMARK, HØSTEN 1982

AV

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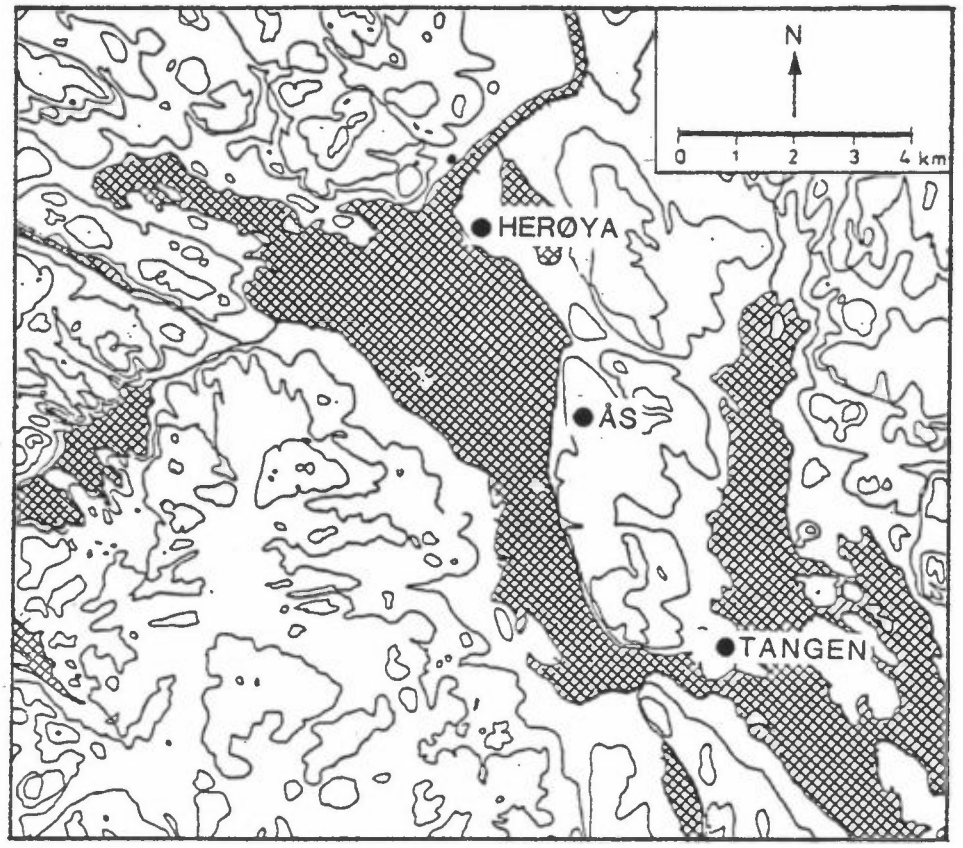
INNHOLDSFORTEGNELSE

METEOROLOGISKE DATA FRA NEDRE TELEMARK, HØSTEN 1982

1 INNLEDNING

Denne presentasjonen av meteorologiske data fra nedre Telemark i perioden 1.9.82-30.11.82 (høst), er et ledd i det koordinerte måleprogram av meteorologi og spredningsforhold i området. Bearbeidelsen er utført på oppdrag fra Norsk Hydro Rafnes, Porsgrunn Fabrikker, Herøya og Statens forurensningstilsyn, kontrollsekjonen nedre Telemark, og er en videreføring av tidligere tilsendte data (se Referanselisten).



Figur 1: Lokalisering av meteorologiske målestasjoner i nedre Telemark.

2 INSTRUMENTERING, STASJONSPLASSERING

Målestasjonene plassering er angitt i figur 1.

Følgende instrumentering er anvendt ved de forskjellige stasjonene:

Ås : NILU automatiske værstasjon (AWS) med 25 m høy mast hvor det timevis måles: vindretning og vindstyrke (i 25 m), temperatur og relativ fuktighet (i 3 m), stabilitet (temperaturforskjell mellom 25 og 10 m). Stasjonene er plassert 90 m o.h.

Herøya : Vindskriver av type Lambrecht nach Woelfle ca 30 m o.h., inne på industriområdet.

Tangen, Brevik : Pluviograf av type Fuess nr. 95 nach Hellmann (hevert-pluviograf) plassert ca 20 m o.h.

3 DATAKVALITET

Datatilgjengeligheten for perioden var følgende:

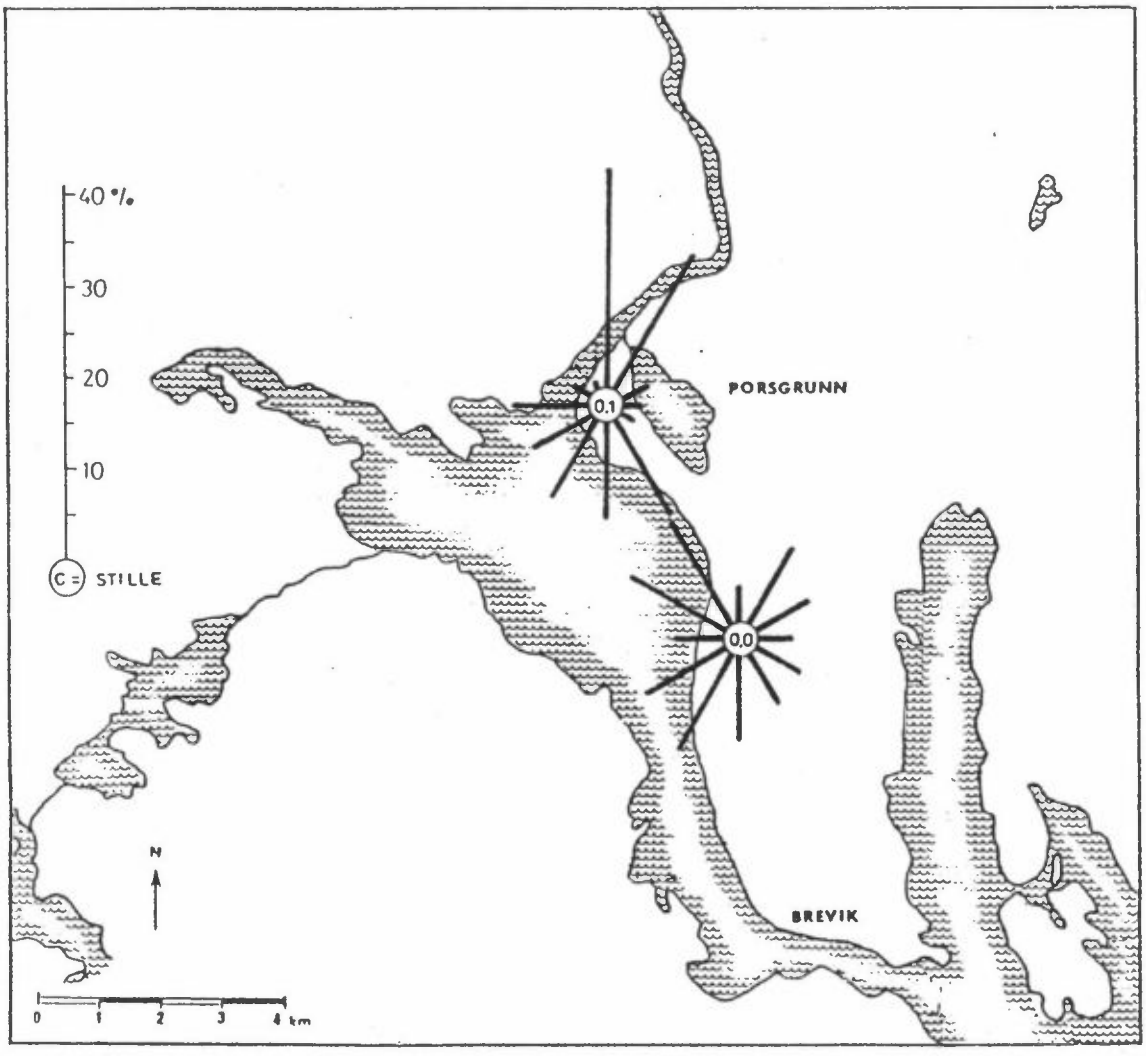
Ås : 99.0% for vindstyrke, vindretning, temperatur, temperaturdifferens og relativ fuktighet.

Herøya : 80% for vindstyrke og vindretning

Tangen, Brevik : 99.8% (fire timesverdier manglet).

4 VINDFORHOLDENE

Vindroser fra alle stasjonene for høsten 1982 vist er vist i figur 2.



Figur 2: Vindroser (frekvens av vind i % i 12 sektorer) fra nedre Telemark for perioden 19.8-30.11.82.

Kvartalsvise vindretningsfordelinger (i %) er også presentert i tabellene 1-2. Vindobservasjoner fra Ås er dessuten presentert som månedsvise frekvensfordelinger i tabellene 7-9.

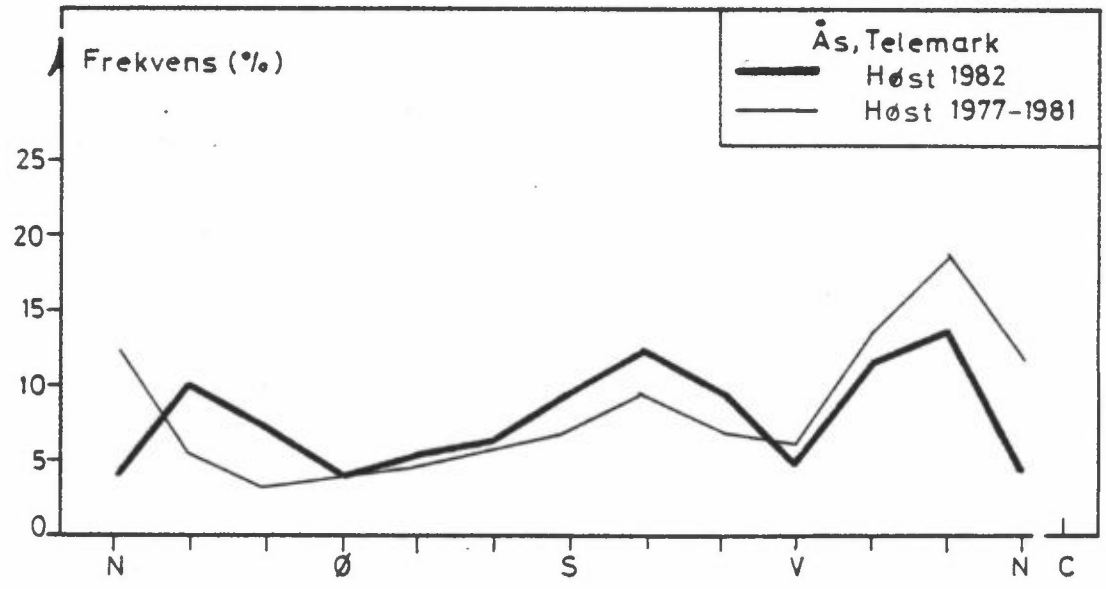
Høsten 1982 blåste det oftest fra nordvestlig kant ved Ås og fra nord og nord-nordøst ved Herøya. Dette stemmer godt med målinger foretatt i tidligere høstperioder, og forskjellen mellom Ås og Herøya skyldes de topografiske forholdene ved Herøya.

Dominerende vindretning ved Ås var i september vest-nordvest, i oktober nord-nordøst og i november vest-nordvest.

Om dagen (mellom kl 13 og 19) blåste det på Ås fra omkring sør-sørvest (SSV ± 45°) i 38% av tiden høsten 1982. Om natten (kl 01-07) blåste det oftest (28% av tiden) fra vest-nordvest og nord-nordvest.

Middelvindstyrken stemte bra med det som er målt i området høst-periodene 1977-81. Både ved Ås og Herøya var middelvindstyrken 3.0 m/s.

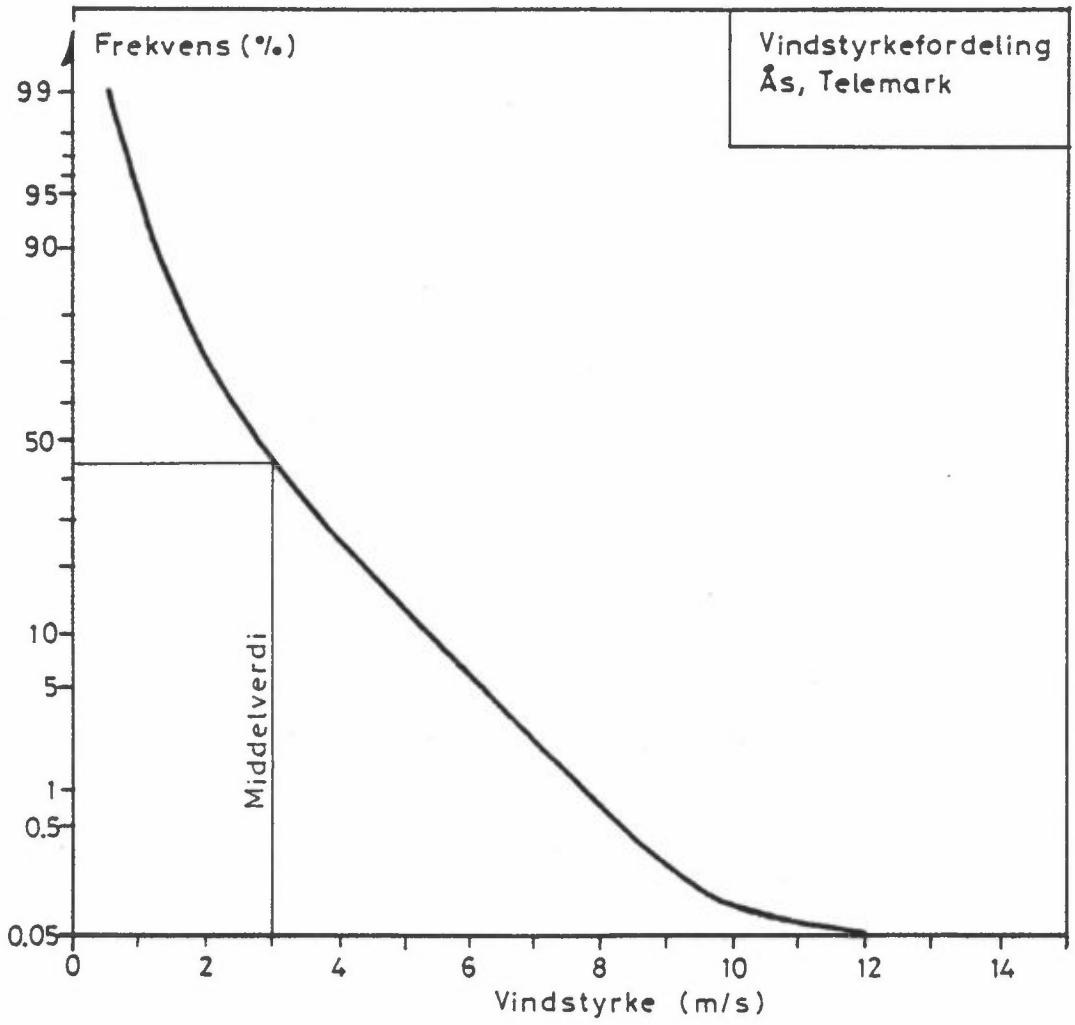
I figur 3 er frekvensfordeling av forskjellige vindretninger høsten 1982 sammenstilt med tilsvarende målinger for høstperiodene 1977-81.



Figur 3: Frekvensfordeling av vindretninger (i 30°-sektorer) ved Ås for høsten 1982, sammenholdt med middelfordeling for sesongene 1977-81 ved Ås.

Figur 3 viser at høsten 1982 blåste noe oftere fra nordøst og sørvest og sjeldnere fra nord og nordvest enn hva som var tilfelle i høstsesongene 1977-1981. Forøvrig var vindfordelingen i grove trekk som i de tidligere høstperiodene.

Figur 4 viser vindstyrkefordelingen ved Ås.



Figur 4: Kumulativ frekvensfordeling av vindstyrke ved Ås høsten 1982. Figuren viser frekvens av vindstyrke større enn verdiene angitt på x-aksen.

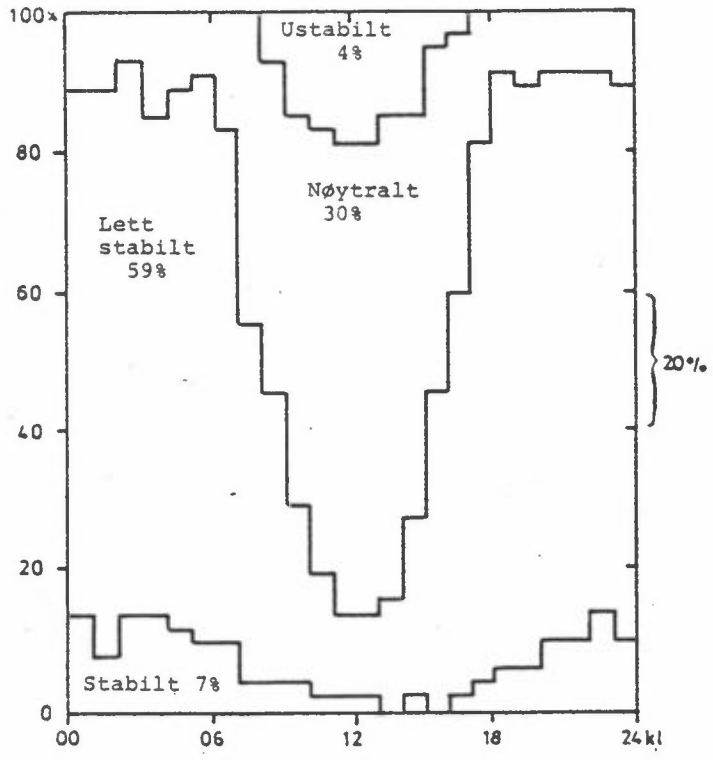
Vindstyrker over 6 m/s ved Ås forekom i 5.2% av tiden. Svake vinder, mindre enn 2 m/s forekom i 31% av tiden. I gjennomsnitt blåste det svakest fra nordlig kant ved Ås og fra nordlig og østlig kant ved Herøya. Det var én observasjon vindstille ved Ås høsten 1982.

5 STABILITETSFORHOLDENE

Stabilitetsforholdene i fire klasser er fordelt over døgnet i tabell 4 og figur 5, basert på temperaturdifferansen 25-10 m på Ås (dT).

Ustabilt	:	$dT < -0.5$
Nøytralt	:	$-0.5 \leq dT < 0$
Lett stabilt	:	$0 \leq dT < 0.5$
Stabilt	:	$dT > 0.5$

Høsten 1982 var det 7% stabil, 59% lett stabil, 30% nøytral og 4% ustabil temperatursjiktning. Denne fordelingen gir en noe lavere frekvens av nøytrale forhold og en noe høyere frekvens av lett stabile forhold enn det som har vært vanlig tidligere.

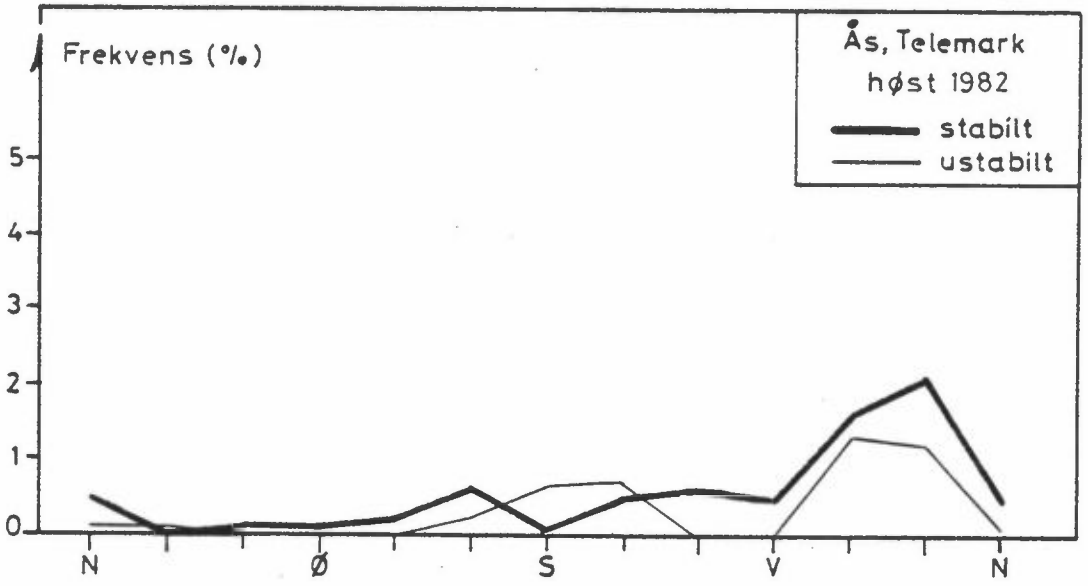


Figur 5: Døgnfordelingen av fire stabilitetsklasser basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masten på Ås 1.9.81-30.11.82.

6 FREKVENS AV VIND/STABILITET

Tabell 5 gir frekvensen (i %) i 196 klasser av vind og stabilitet, basert på stabilitetsdata og vinddata fra 25 m masta på Ås.

Figur 6 viser frekvensen av stabil sjiktning (inversjoner) og ustabil sjiktning som funksjon av vindretningen.



Figur 6: Frekvens av stabil og ustabil sjiktning som funksjon av vindretningen ved Ås høsten 1982.

Figur 6 viser at både stabile og ustabile tilfeller høsten 1982 oftest forekom ved vind fra nord-nordvest på Ås. Dette kan se uvanlig ut, men er normalt, og kommer av at denne vindretningen vanligvis totalt sett er den som forekommer oftest om høsten. Dette gjelder også høsten 1982. Tabell 5 viser at lett stabil sjiktning oftest forekom ved vindhastigheter svakere enn 4 m/s fra nord-nordvestlig kant.

7 TEMPERATUR VED ÅS

Tabell 6 viser månedsvis temperatur-statistikk for Ås i perioden 1.9.82-30.11.82. Middeltemperaturen for september var 12.2°C, oktober 6.7°C og for november 3.0°C. Middeltemperaturen var høyere enn normalt hele høstperioden. Den høyeste temperaturen ble målt den 3.9.82 kl 16 til 22.5°C, den laveste temperaturen ble målt den 18.11.82 kl 08 til -3.8°C.

8 RELATIV FUKTIGHET PÅ ÅS

Tabell 7 viser en statistisk fordeling av den relative fuktigheten ved Ås for høsten 1982. Månedsmiddelverdiene viser relativ fuktighet på 75% i september, 84% i oktober og 83% i november. Av observasjonene for høsten 1982 lå ca 7% over 95% relativ fuktighet. Målingene for perioden synes å stemme godt med målinger i høstperiodene 1978-80. I september varierer den relative fuktigheten i gjennomsnitt fra 62% midt på dagen til 86% om natta. I oktober varierte den fra 75% til 89% og i november var variasjonen fra 77% til 87% relativ fuktighet.

9 NEDBØR

Det måles nedbør ved en av NILUs målestasjoner i nedre Telemark, Tangen ved Brevik. Kontinuerlige nedbørmålinger er igangsatt her og er presentert i tabell 14. Tabell 13 viser månedsvise nedbørmengder fra Tangen og fra Meteorologisk institutts klimastasjon ved Jomfruland (hvor det også er etablert en 30-års normal som en kan sammenlikne med).

Både september, oktober og november måned 1982 hadde mer nedbør enn normalt.

Ved Tangen falt det i september 118.8 mm nedbør i 107 timer (over 16 døgn) og i oktober 123.1 mm i 144 timer (over 21 døgn). I november falt det 165 mm nedbør i løpet av 148 timer (fordelt på 19 døgn).

10 REFERANSER

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(2) Sivertsen, B. — Meteorologiske data fra nedre Telemark, høsten 1977. Lillestrøm 1978. (NILU OR 8/78.)

(3) Sivertsen, B. — Meteorologiske data fra nedre Telemark, vinteren 1977/1978. Lillestrøm 1978. (NILU OR 2/78.)

(4) Sivertsen, B. — Meteorologiske data fra nedre Telemark, våren 1978. Lillestrøm 1979. (NILU OR 9/79.)

(5) Sivertsen, B. — Meteorologiske data fra nedre Telemark, sommeren 1978. Lillestrøm 1979. (NILU OR 12/79.)

(6) Sivertsen, B. Friberg, A.G. — Meteorologiske data fra nedre Telemark, høsten 1978. Lillestrøm 1979. (NILU OR 13/79.)

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(9) Sivertsen, B. Friberg, A.G. — Meteorologiske data fra nedre Telemark, sommeren 1979. Lillestrøm 1980. (NILU OR 3/80.)

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(11) Sivertsen, B.
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Lillestrøm 1981. (NILU OR 2/81.)

(14) Sivertsen, B.
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Lillestrøm 1981. (NILU OR 15/81.)

(15) Sivertsen, B.
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(16) Sivertsen, B.
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(17) Sivertsen, B.
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(18) Sivertsen, B.
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Meteorologiske data fra nedre Telemark, høsten 1981.
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(19) Sivertsen, B.
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Lillestrøm 1982. (NILU OR 2/83.)

(20) Sivertsen, B.
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Lillestrøm 1983. (NILU OR 8/83.)

(21) Sivertsen, B.
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Meteorologiske data fra nedre Telemark, sommeren 1982.
Lillestrøm 1983. (NILU OR 11/83.)

VEDLEGG A

TABELLER

Tabell 1: Vindfrekvenser (vindrose) fra Ås 1.9.82-30.11.82

VINDROSE FRA ÅS

1/ 9-82 - 30/ 9-82 FRA TAPE 1
1/10-82 - 31/10-82 FRA TAPE 1
1/11-82 - 30/11-82 FRA TAPE 1

	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	9.9	8.8	8.8	11.0	6.7	8.8	11.0	11.2	10.1
50- 70	5.5	8.8	7.7	7.7	10.0	8.9	8.8	4.5	7.2
80-100	2.2	5.5	5.5	3.3	3.3	3.3	1.1	7.9	4.2
110-130	5.5	6.6	9.9	7.7	3.3	5.5	6.6	3.4	5.6
140-160	2.2	5.5	5.5	6.6	11.1	3.3	5.5	9.0	6.5
170-190	8.8	6.6	2.2	3.3	12.2	22.0	12.1	6.7	9.7
200-220	15.4	9.9	8.8	17.6	8.9	15.4	16.5	11.2	12.2
230-250	8.8	15.4	15.4	7.7	12.2	3.3	11.0	5.6	9.6
260-280	6.6	3.3	2.2	4.4	6.7	6.6	6.6	5.6	5.1
290-310	15.4	9.9	12.1	8.8	4.4	11.0	11.0	18.0	11.7
320-340	12.1	16.5	17.6	18.7	16.7	8.8	6.6	13.5	13.5
350- 10	7.7	3.3	4.4	3.3	3.3	3.3	3.3	3.4	4.5
STILLE	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	.0
ANT.OBS.	91	91	91	91	90	91	91	89	2178
MIDL.VIND	2.9	2.8	2.8	3.0	3.4	3.3	3.2	3.0	3.0

VINDANALYSE

DØGNMIDDEL		30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE														.0
.3- 2.0	M/S	1.9	1.7	1.1	1.6	2.2	2.5	2.5	2.1	1.8	4.1	6.7	2.8	31.0
2.1- 4.0	M/S	4.0	3.3	2.3	3.1	2.4	5.4	5.9	4.1	1.9	5.3	6.2	1.7	45.6
4.1- 6.0	M/S	3.5	1.7	.6	.8	1.3	1.2	2.8	2.6	1.1	1.7	.6	.0	18.1
OVER 6.0	M/S	.6	.6	.2	.1	.5	.6	1.0	.8	.3	.6	.0	0.0	5.2
TOTAL		10.1	7.2	4.2	5.6	6.5	9.7	12.2	9.6	5.1	11.7	13.5	4.5	100.0
MIDL.VIND	M/S	3.6	3.4	3.1	2.8	3.2	3.0	3.5	3.5	3.0	2.9	2.2	1.9	3.0
ANT. OBS.		219	157	92	122	141	212	266	209	112	255	295	97	2178

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 3.0 M/S, BASERT PÅ 2182 OBSERVASJONER

Tabell 2: Vindfrekvenser fra Ås, høstperioden 1977-81.

VINDROSE FRA HERØYA

1/ 9-82 - 30/ 9-82
1/10-82 - 31/10-82
1/11-82 - 30/11-82

	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	18.1	22.4	18.3	21.7	16.7	9.7	12.7	20.0	17.3
50- 70	2.8	1.5	8.5	7.2	4.2	5.6	2.8	1.4	3.1
80-100	1.4	1.5	0.0	1.4	1.4	1.4	1.4	2.9	2.1
110-130	1.4	1.5	4.2	2.9	6.9	2.8	2.8	0.0	1.9
140-160	8.3	7.5	8.5	11.4	9.7	12.5	19.7	14.3	12.4
170-190	5.6	11.9	2.8	10.1	16.7	12.5	11.3	10.0	10.6
200-220	15.3	4.5	9.9	8.7	8.3	12.5	11.3	11.4	9.4
230-250	9.7	10.4	5.6	5.8	8.3	11.1	4.2	2.9	7.4
260-280	6.9	4.5	4.2	7.2	9.7	11.1	12.7	10.0	8.3
290-310	1.4	0.0	1.4	2.9	1.4	1.4	4.2	1.4	2.0
320-340	0.0	0.0	1.4	1.4	0.0	1.4	0.0	0.0	0.7
350- 10	29.2	32.8	35.2	19.3	16.7	13.1	16.9	25.7	24.4
STILLE	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1
ANT.OBS.	72	67	71	69	72	72	71	70	1685
MIDL.VIND	2.8	2.5	2.7	3.0	3.6	3.4	3.1	2.9	3.0

VINDANALYSE

DØGNMIDDEL		30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE														0.1
0.3- 2.0	M/S	6.0	0.8	0.9	1.0	4.4	1.7	1.6	1.4	1.6	0.3	0.3	11.5	31.6
2.1- 4.0	M/S	4.9	1.2	1.1	0.7	5.9	7.8	5.3	4.5	3.1	1.5	0.4	11.2	47.5
4.1- 6.0	M/S	2.8	0.7	0.2	0.2	1.4	0.9	1.5	1.1	3.0	0.2	0.0	1.1	13.2
OVER 6.0	M/S	3.6	0.4	0.0	0.1	0.4	0.2	0.9	0.5	0.7	0.0	0.0	0.7	7.7
TOTAL		17.3	3.1	2.1	1.9	12.6	10.6	9.4	7.4	8.3	2.0	0.7	24.4	100.0
MIDL.VIND	M/S	3.8	3.4	2.3	2.3	2.8	3.1	3.5	3.3	3.7	2.8	2.4	2.3	3.0
ANT. OBS.		292	53	34	32	212	179	159	124	140	34	12	411	1485

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 3.0 M/S, BASERT PÅ 1718 OBSERVASJONER

Tabell 3: Vindfrekvenser fra Herøya 1.9.82-30.11.82

VINDROSE FRA ÅS

høst 1977-81

	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	5.7	5.2	5.9	5.5	6.5	7.8	5.5	4.9	5.8
50- 70	2.2	3.9	4.4	3.7	2.2	4.0	4.5	3.7	3.6
80-100	3.7	3.0	4.2	3.7	4.7	5.5	3.7	4.2	3.9
110-130	2.0	3.2	3.5	4.0	8.2	7.5	5.5	4.9	4.8
140-160	5.7	3.2	4.2	4.2	8.4	10.6	8.4	3.4	5.9
170-190	6.9	5.4	4.4	7.2	5.5	10.6	9.7	8.1	7.0
200-220	11.1	8.1	9.4	7.5	8.7	10.6	11.9	8.8	9.6
230-250	6.9	7.4	6.2	7.5	7.4	7.5	8.2	9.3	7.3
260-280	4.9	6.4	5.4	4.2	7.7	5.8	6.9	6.6	6.4
290-310	14.3	16.0	13.8	16.7	12.4	8.8	10.9	13.0	13.4
320-340	25.1	24.4	24.0	21.1	16.4	9.8	12.9	20.4	19.0
350- 10	10.8	12.8	13.6	13.9	11.2	10.6	11.9	11.3	12.2
STILLE	.7	.7	1.0	.7	.7	1.0	1.0	1.2	.9
ANT.OBS.	406	406	405	402	403	398	403	407	9681
MIDL.VIND	2.8	2.8	2.8	2.9	3.2	3.2	2.9	2.8	2.9

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.9
.3- 2.0 M/S	1.9	1.7	1.7	2.2	2.5	2.1	2.0	2.2	2.2	4.5	8.1	3.7	34.9
2.1- 4.0 M/S	2.7	1.4	1.1	1.8	2.0	3.3	4.3	3.0	2.0	6.3	8.8	4.7	41.4
4.1- 6.0 M/S	1.2	.5	.8	.5	1.0	1.2	2.8	1.7	1.3	1.4	1.4	3.0	16.9
OVER 6.0 M/S	.1	.0	.2	.3	.4	.4	.6	.4	.8	1.2	.6	.8	5.9
TOTAL	5.8	3.6	3.9	4.8	5.9	7.0	9.6	7.3	6.4	13.4	19.0	12.2	100.0
MIDL.VIND M/S	2.9	2.5	2.3	2.6	2.9	3.0	3.5	3.2	3.4	3.0	2.5	3.2	2.9
ANT. OBS.	566	353	378	466	575	682	933	707	617	1293	1840	1183	9681

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.9 M/S, BASERT PÅ 10684 OBSERVASJONER

Tabell 4: Fire klasser av stabiliteter fordelt over døgnet basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås 1.9.82-30.11.82

FREKVENS AV FORSKJELLIGE STABILITETER

Høst 1982

	GRUPPE 1 X=(< -.5)	GRUPPE 2 X=(-.5-<0.0)	GRUPPE 3 X=(0.0-< .5)	GRUPPE 4 X=(.5->)
1	0.00	10.99	74.73	14.29
2	0.00	10.99	80.22	8.79
3	0.00	5.49	81.32	13.19
4	0.00	14.29	71.43	14.29
5	0.00	10.99	76.92	12.09
6	0.00	7.69	82.42	9.89
7	0.00	15.38	74.73	9.89
8	0.00	43.96	51.65	4.40
9	5.49	48.35	41.76	4.40
10	14.29	56.04	26.37	3.30
11	16.48	62.64	18.68	2.20
12	18.68	68.13	10.99	2.20
13	18.89	67.78	11.11	2.22
14	13.19	71.43	15.38	0.00
15	13.19	59.34	24.37	1.10
16	4.40	49.45	46.15	0.00
17	1.10	38.46	58.24	2.20
18	0.00	18.68	78.02	3.30
19	0.00	8.79	85.71	5.49
20	0.00	10.99	82.42	6.59
21	0.00	8.79	81.32	9.89
22	0.00	8.79	81.32	9.89
23	0.00	8.79	78.02	13.19
24	0.00	9.89	79.12	10.99
	4.40	29.82	58.96	6.83

2183 OBS.

Ustabilt **Nøytralt** **Lett Stabilt** **Stabilt**

Tabell 5: Frekvens (i %) av vind og stabilitet fordelt på:
fire vindstyrkeklasser
fire stabilitetsklasser (1 = instabilt,
2 = nøytralt, 3 = lett stabilt, 4 = stabilt).
vindstille (vind < 0.2 m/s)
basert på data fra Ås i perioden 1.9.82-30.11.82

	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ROSE
30	.1	.3	1.4	.0	.0	1.7	2.4	.0	.0	2.2	1.3	.0	.0	.6	.0	.0	10.1
60	.0	.4	1.1	.1	.0	1.7	1.6	.0	.0	1.2	.4	.0	.0	.3	.4	.0	7.2
90	.0	.1	.7	.1	.0	.7	1.7	.0	.0	.2	.4	.0	.0	.0	.2	.0	4.2
120	.0	.5	1.1	.1	.0	.7	2.2	.1	.0	.3	.6	.0	.0	.0	.1	.0	5.6
150	.1	.5	1.0	.6	.1	.6	1.7	.0	.0	.3	1.2	.0	.0	.0	.5	.0	6.5
180	.0	.6	1.5	.1	.5	2.4	2.6	.0	.1	.3	.8	.0	.0	.0	.6	.0	9.6
210	.1	.6	1.4	.4	.2	1.7	3.9	.1	.4	.5	2.0	.0	.0	.0	1.1	.0	12.3
240	.0	.2	1.3	.4	.0	1.2	2.5	.2	.0	1.1	1.8	.0	.0	.2	.6	.0	9.6
270	.0	.1	1.0	.5	.0	.6	1.4	.0	.0	.8	.3	.0	.0	.1	.1	.0	5.0
300	.4	.7	1.9	.8	.7	.9	2.9	.8	.2	.9	.9	.0	.0	.4	.2	.0	11.7
330	.8	1.4	3.3	.7	.3	.9	4.2	1.2	.1	.2	.4	.0	.0	.0	.0	.0	13.6
360	.1	.9	1.4	.4	.0	.4	1.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	4.5
STILLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	1.7	6.2	17.1	4.2	2.0	13.7	28.1	2.7	.8	8.2	10.1	0.0	0.0	1.7	3.8	0.0	100.0

FORDELING PÅ VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
29.1	46.4	19.0	5.5

FORDELING AV STABILITETSKLASSENE

4.4	29.8	59.0	6.8

ANTALL TIMER = 2184, ANTALL OBSERVASJONER = 2180

Tabell 6: Månedsvis temperaturstatistikk fra Ås for september, oktober og november 1982: middel-, maksimum- og minimumstemperaturer, antall observasjoner og temperatur under gitte grenser, samt midlere døgnfordeling av temperatur.

336 ÅS			1 9 82			30 9 82										
MÅNED	NDAG	TMIDL	T	MAX DAG	KL	T	MIN DAG	KL	MIDLERE TMAX	MIDLERE TMIN	T< 0.0 DØGN	T< 0.0 TIMER	T< 10.0 DØGN	T< 10.0 TIMER	T< 20.0 DØGN	T< 20.0 TIMER
SEP 1982	30	12.2	22.5	13	14	3.4	25	6	16.2	8.3	0	0	24	167	30	705
OKT 1982	31	6.7	15.1	2	15	-.2	17	2	9.4	4.4	1	2	31	417	31	743
NOV 1982	30	3.0	13.3	3	14	-3.8	18	8	5.7	.3	15	176	30	710	30	720

MIDDELTEMPERATUR, STANDARDAVVIK OG ANTALL OBS.

MÅNED	KL	1	4	7	10	13	16	19	22	
SEP 1982		10.3	9.8	10.5	13.9	15.3	15.1	12.4	10.9	
		2.4	2.6	2.3	2.4	2.9	3.1	2.0	2.4	
		30	30	30	30	30	30	30	30	720
OKT 1982		6.1	5.9	5.6	7.0	8.3	8.0	6.9	6.3	
		3.2	3.2	3.3	2.8	3.2	2.8	2.6	2.8	
		31	31	31	31	30	31	31	31	743
NOV 1982		2.5	2.1	2.0	3.2	5.0	4.1	3.2	2.5	
		3.5	3.4	3.3	3.5	3.7	3.6	3.4	3.3	
		30	30	30	30	30	30	30	30	720

Tabell 7: Månedsvis relativ fuktighets-statistikk fra Ås for september, oktober og november 1982. Middel-, maksimum og minimumsverdier, antall observasjoner av relativ fuktighet under gitte grenser, samt midlere døgnfordeling.

336 ÅS			1	9 82		30	11 82									
MÅNED	NDAG	TMIDL	F	MAX DAG	KL	F	MIN DAG	KL	MIDLERE FMAX	MIDLERE TMIN	F< .30 DØGN	F< .30 TIMER	F< .75 DØGN	F< .75 TIMER	F< .95 DØGN	F< .95 TIMER
SEP 1982	30	.75	.97	18	4	.23	4	16	.93	.54	6	17	24	285	30	643
OKT 1982	31	.84	.97	3	4	.38	24	15	.93	.68	0	0	19	143	31	661
NOV 1982	30	.83	.95	1	17	.23	4	17	.92	.68	1	4	17	143	30	720

MIDDELFUKTIGHET , STANDARDAVVIK OG ANTALL OBS.

MÅNED	KL	1	4	7	10	13	16	19	22	
SEP 1982		.84	.86	.84	.68	.63	.62	.74	.83	
		.14	.11	.11	.19	.22	.25	.22	.15	
		30	30	30	30	30	30	30	30	720
OKT 1982		.89	.88	.88	.83	.75	.78	.85	.87	
		.07	.08	.08	.11	.16	.14	.10	.08	
		31	31	31	31	30	31	31	31	742
NOV 1982		.86	.87	.87	.85	.77	.79	.81	.83	
		.10	.08	.06	.10	.18	.18	.15	.12	
		30	30	30	30	30	30	30	30	720

Tabell 8: Vindfrekvenser fra Ås for september 1982.

Vindrose fra Ås

1/ 9-82 - 30/ 9-82

	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.7
50- 70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.1
80-100	0.0	0.0	3.3	3.3	6.7	3.3	0.0	0.0	2.5
110-130	10.0	13.3	6.7	6.7	3.3	6.7	6.7	3.3	6.3
140-160	0.0	10.0	13.3	13.3	13.3	0.0	10.0	20.0	11.4
170-190	20.0	10.0	3.3	6.7	30.0	36.7	23.3	10.0	18.1
200-220	20.0	16.7	13.3	20.0	6.7	16.7	23.3	16.7	15.1
230-250	13.3	13.3	16.7	10.0	6.7	0.0	6.7	3.3	9.0
260-280	3.3	0.0	6.7	13.3	16.7	13.3	16.7	13.3	8.9
290-310	23.3	20.0	20.0	16.7	10.0	23.3	13.3	20.0	18.8
320-340	3.3	10.0	13.3	6.7	3.3	0.0	0.0	13.3	7.2
350- 10	3.3	6.7	3.3	3.3	3.3	0.0	0.0	0.0	1.9
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ANT.OBS.	30	30	30	30	30	30	30	30	720
MIDL.VIND	2.7	2.7	2.6	3.2	3.7	3.7	3.3	2.9	3.1

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													0.0
.3- 2.0 M/S	.7	.1	0.0	1.5	3.5	3.6	3.3	2.8	2.2	5.1	2.5	1.8	27.2
2.1- 4.0 M/S	0.0	0.0	1.3	3.2	5.4	12.1	7.6	3.2	3.2	8.6	3.9	.1	48.6
4.1- 6.0 M/S	0.0	0.0	1.1	1.3	1.9	2.2	3.5	3.1	3.1	4.0	.7	0.0	20.8
OVER 6.0 M/S	0.0	0.0	.1	.3	.6	.1	.7	0.0	.4	1.0	.1	0.0	3.3
TOTAL	.7	.1	2.5	6.3	11.4	18.1	15.1	9.0	8.9	18.8	7.2	1.9	100.0
MIDL.VIND M/S	1.2	1.7	4.0	3.2	3.0	3.0	3.2	3.1	3.5	3.2	2.5	1.6	3.1
ANT. OBS.	5	1	18	45	82	130	109	65	64	135	52	14	720

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 3.1 M/S, BASERT PÅ 720 OBSERVASJONER

Tabell 9: Vindfrekvenser fra Ås for oktober 1982.

Vindrose fra Ås

1/10-82 - 31/10-82

	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	25.8	22.6	25.8	25.8	20.0	22.6	25.8	24.7	24.4
50- 70	9.7	16.1	12.9	19.4	20.0	19.4	25.8	13.3	16.5
80-100	6.5	12.9	3.2	3.2	0.0	3.2	0.0	16.7	6.5
110-130	6.5	3.2	12.9	12.9	3.3	9.7	9.7	6.7	7.6
140-160	3.2	0.0	0.0	3.2	13.3	6.5	6.5	3.3	3.9
170-190	3.2	3.2	0.0	0.0	3.3	12.9	3.2	3.3	4.7
200-220	9.7	6.5	3.2	9.7	6.7	12.9	12.9	3.3	8.3
230-250	3.2	9.7	12.9	3.2	10.0	0.0	9.7	6.7	6.5
260-280	3.2	3.2	0.0	0.0	0.0	0.0	0.0	3.3	1.4
290-310	6.5	0.0	3.2	0.0	0.0	3.2	3.2	6.7	3.0
320-340	12.9	19.4	16.1	19.4	16.7	6.5	3.2	6.7	11.4
350- 10	9.7	3.2	9.7	3.2	6.7	3.2	0.0	3.3	6.0
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ANT.OBS.	31	31	31	31	30	31	31	30	739
MIDL.VIND	3.3	3.1	3.1	3.0	3.1	3.3	3.4	3.3	3.2

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													0.0
.3- 2.0 M/S	2.6	2.0	1.4	1.8	1.6	1.6	1.6	1.5	.5	1.6	5.1	2.6	24.0
2.1- 4.0 M/S	10.0	8.3	4.3	4.9	.4	2.0	5.5	4.6	.8	1.4	6.2	3.2	51.7
4.1- 6.0 M/S	10.0	4.5	.4	.9	1.2	.7	.9	.4	0.0	0.0	0.0	.1	19.2
OVER 6.0 M/S	1.8	1.8	.4	0.0	.7	.4	.1	0.0	0.0	0.0	0.0	0.0	5.1
TOTAL	24.4	16.5	6.5	7.6	3.9	4.7	8.3	6.5	1.4	3.0	11.4	6.0	100.0
MIDL.VIND M/S	3.9	3.7	3.2	2.8	3.8	2.8	3.0	2.6	2.0	1.9	2.3	2.2	3.2
ANT. OBS.	180	122	48	56	29	35	61	48	10	22	84	44	739

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 3.2 M/S, BASERT PÅ 742 OBSERVASJONER

Tabell 10: Vindfrekvenser fra Ås for november 1982.

Vindrose fra Ås

1/11-82 - 30/11-82 FRA TAPE 1

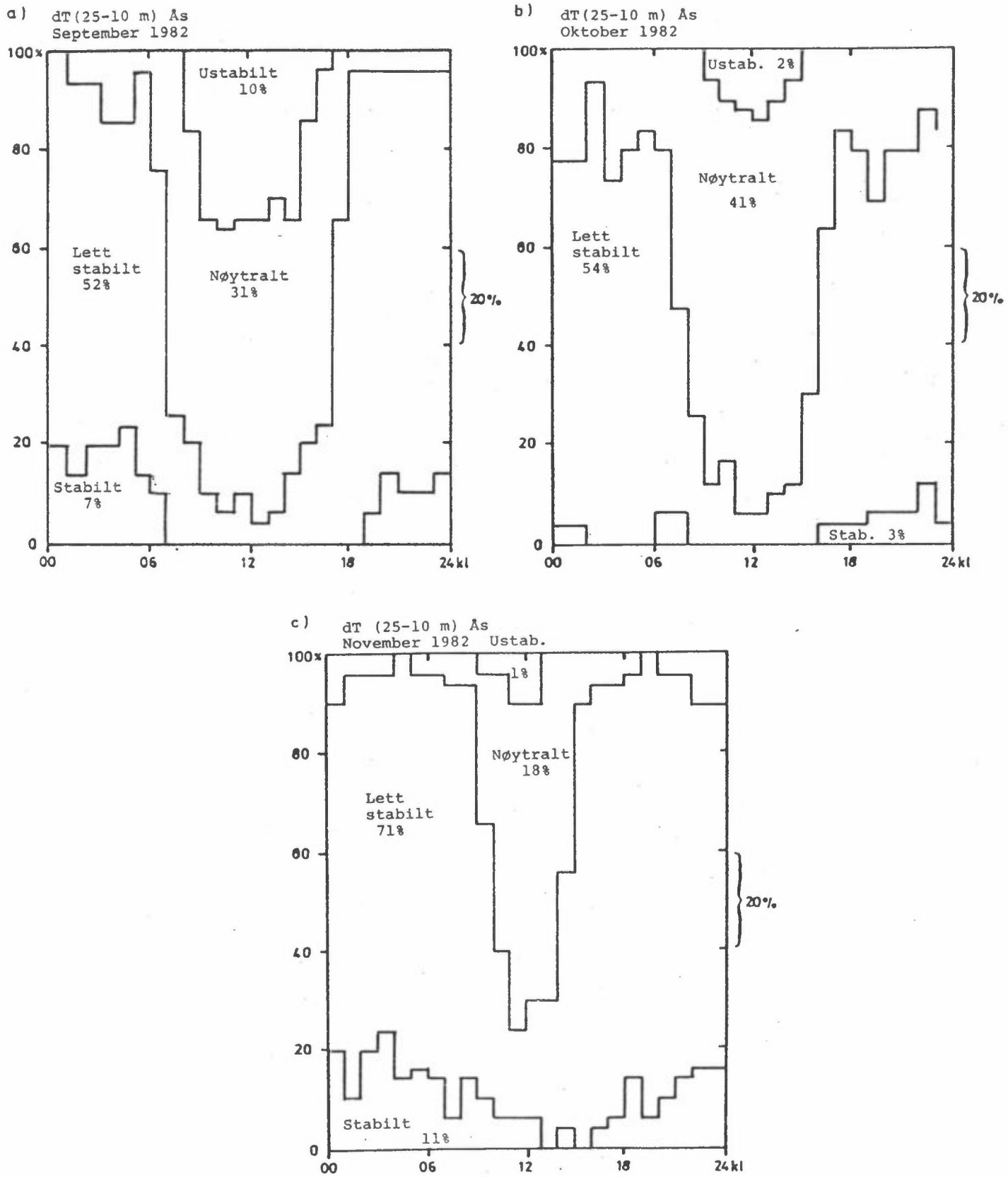
	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	0.0	3.3	0.0	6.7	0.0	3.3	6.7	6.9	4.7
50- 70	6.7	10.0	10.0	3.3	10.0	6.7	0.0	0.0	4.7
80-100	0.0	3.3	10.0	3.3	3.3	3.3	3.3	6.9	3.6
110-130	0.0	3.3	10.0	3.3	3.3	0.0	3.3	0.0	2.9
140-160	3.3	6.7	3.3	3.3	6.7	3.3	0.0	3.4	4.2
170-190	3.3	6.7	3.3	3.3	3.3	16.7	10.0	6.9	6.5
200-220	16.7	6.7	10.0	23.3	13.3	16.7	13.3	13.8	13.4
230-250	10.0	23.3	16.7	10.0	20.0	10.0	16.7	6.9	13.4
260-280	13.3	6.7	0.0	0.0	3.3	6.7	3.3	0.0	5.3
290-310	16.7	10.0	13.3	10.0	3.3	6.7	16.7	27.6	13.4
320-340	20.0	20.0	23.3	30.0	30.0	20.0	16.7	20.7	22.1
350- 10	10.0	0.0	0.0	3.3	0.0	6.7	10.0	6.9	5.4
STILLE	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	.1
ANT.OBS.	30	30	30	30	30	30	30	29	719
MIDL.VIND	2.7	2.5	2.5	2.9	3.3	3.1	3.0	2.9	2.9

VINDANALYSE

DØGNMIDDEL		30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE														.1
.3- 2.0	M/S	2.4	2.9	1.9	1.5	1.7	2.4	2.4	1.9	2.8	5.7	12.4	3.9	42.1
2.1- 4.0	M/S	1.9	1.4	1.3	1.3	1.5	2.1	4.5	4.6	1.8	6.0	8.6	1.5	36.4
4.1- 6.0	M/S	.4	.4	.4	.1	.8	.8	4.2	4.5	.3	1.1	1.1	0.0	14.2
OVER 6.0	M/S	0.0	0.0	0.0	0.0	.1	1.3	2.1	2.4	.4	.8	0.0	0.0	7.1
TOTAL		4.7	4.7	3.4	2.9	4.2	6.5	13.4	13.4	5.3	13.6	22.1	5.4	100.0
MIDL.VIND	M/S	2.3	2.1	2.4	2.0	2.9	3.5	4.1	4.2	2.5	2.6	2.1	1.7	2.9
ANT. OBS.		34	34	26	21	30	47	96	96	38	98	159	39	719

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.9 M/S, BASERT PR 720 OBSERVASJONER

Tabell 11: Månedsvis stabilitetsfrekvens (i fire klasser) fordelt over døgnet, basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås: a) september 1982, b) oktober 1982, c) november 1982.



Tabell 12: Frekvens (i %) av vind og stabilitet fra Ås (klassifisering som tabell 4) i a) september 1982, b) oktober 1982, c) november 1982.

a)

	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ROSE
30	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
60	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
90	.0	.0	.0	.0	.0	.7	.6	.0	.0	.3	.8	.0	.0	.0	.1	.0	2.5
120	.0	.4	1.0	.0	.0	.3	2.6	.1	.0	.4	1.0	.0	.0	.0	.3	.0	6.1
150	.3	.7	1.3	1.1	.4	1.4	3.3	.0	.0	.4	2.1	.0	.0	.0	.6	.0	11.5
180	.0	.7	2.1	.3	1.4	6.0	4.9	.0	.3	.7	1.3	.0	.0	.0	.1	.0	17.6
210	.1	.6	1.9	.6	.6	2.5	4.9	.0	1.1	1.0	1.5	.0	.0	.0	.8	.0	15.6
240	.1	.3	1.4	.7	.0	1.0	2.2	.1	.0	2.2	1.0	.0	.0	.0	.0	.0	9.0
270	.0	.1	1.3	.4	.1	1.8	1.3	.1	.0	2.2	.7	.0	.0	.1	.3	.0	8.5
300	1.0	1.1	1.8	1.0	1.9	1.4	4.2	1.1	.7	2.2	1.8	.0	.0	.7	.3	.0	19.2
330	.4	.1	1.3	.3	.4	.4	2.2	1.3	.3	.1	.3	.0	.0	.0	.1	.0	7.2
360	.1	1.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
STILLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	2.4	5.1	12.8	4.4	5.0	15.6	26.1	2.8	2.4	9.6	10.4	0.0	0.0	.8	2.6	0.0	100.0

FORDELING PÅ VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
24.7	49.4	22.4	3.5

FORDELING AV STABILITETSKLASSENE

9.7	31.1	51.9	7.2

ANTALL TIMER = 720, ANTALL OBSERVASJONER = 720

b)

	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ROSE
30	.1	.7	1.5	.0	.0	4.5	5.8	.0	.0	6.4	3.6	.0	.0	1.8	.1	.0	24.5
60	.0	.7	1.2	.0	.0	4.2	4.1	.1	.0	3.4	.9	.0	.0	.8	1.1	.0	14.5
90	.0	.0	.8	.1	.0	1.4	3.1	.0	.0	.4	.0	.0	.0	.1	.4	.0	6.4
120	.0	.4	1.4	.1	.0	1.9	2.8	.0	.0	.4	.7	.0	.0	.0	.0	.0	7.7
150	.0	.5	.8	.0	.0	.1	.5	.0	.0	.3	.9	.0	.0	.0	.7	.0	3.9
180	.0	.7	.9	.1	.0	1.4	.7	.0	.0	.1	.5	.0	.0	.1	.3	.0	4.9
210	.0	.8	.7	.1	.1	1.9	3.2	.0	.0	.3	.9	.0	.0	.0	.1	.0	8.2
240	.0	.3	1.2	.0	.0	1.4	2.7	.0	.0	.3	.4	.0	.0	.0	.0	.0	6.5
270	.0	.3	.1	.1	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
300	.0	.3	1.1	.1	.3	.0	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.0
330	1.2	1.4	2.0	.4	.5	1.2	3.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	11.4
360	.1	.9	1.5	.1	.0	.9	1.9	.0	.0	.1	.1	.0	.0	.0	.0	.0	5.8
STILLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	1.5	6.9	13.2	1.4	.9	19.1	30.3	1.4	0.0	11.6	8.2	0.0	0.0	2.8	2.7	0.0	100.0

FORDELING PÅ VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
23.0	51.6	19.9	5.5

FORDELING AV STABILITETSKLASSENE

2.4	40.4	54.5	2.7

ANTALL TIMER = 744, ANTALL OBSERVASJONER = 740

c)

	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ROSE
30	.0	.1	2.2	.0	.0	.7	1.3	.0	.0	.3	.1	.0	.0	.0	.0	.0	4.7
60	.0	.4	1.9	.3	.0	1.0	.7	.0	.0	.3	.1	.0	.0	.0	.0	.0	4.7
90	.0	.3	1.4	.3	.0	.0	1.3	.0	.0	.0	.4	.0	.0	.0	.0	.0	3.6
120	.0	.6	.8	.1	.0	.0	1.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	2.9
150	.0	.1	1.0	.6	.0	.4	1.1	.0	.0	.1	.7	.0	.0	.0	.1	.0	4.2
180	.0	.6	1.5	.0	.0	.0	2.4	.0	.0	.1	.7	.0	.0	.0	1.3	.0	6.5
210	.1	.4	1.5	.4	.0	.6	3.6	.4	.0	.3	3.5	.0	.0	.0	2.4	.0	13.2
240	.0	.0	1.3	.4	.0	1.1	2.4	.6	.0	1.0	4.2	.0	.0	.7	1.7	.0	13.5
270	.0	.0	1.7	1.0	.0	.0	2.1	.0	.0	.1	.1	.0	.0	.3	.1	.0	5.4
300	.1	.8	2.8	1.4	.0	1.4	3.9	.8	.0	.4	.8	.0	.0	.4	.4	.0	13.3
330	.8	2.8	6.8	1.4	.0	1.1	6.5	1.5	.0	.4	.8	.0	.0	.0	.0	.0	22.2
360	.0	.6	2.4	1.0	.0	.0	1.3	.4	.0	.1	.0	.0	.0	.0	.0	.0	5.7
STILLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	1.1	6.7	25.3	6.8	0.0	6.3	27.8	3.9	0.0	3.2	11.7	0.0	0.0	1.4	6.0	0.0	100.0

FORDELING PÅ VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
39.9	37.9	14.9	7.4

FORDELING AV STABILITETSKLASSENE

1.1	17.5	70.7	10.7

ANTALL TIMER = 720, ANTALL OBSERVASJONER = 720

Tabell 13: Måndesvise nedbørmengder for Tangen/Brevik og Jomfruland samt % av normalnedbør for Jomfruland.

	Tangen Brevik (mm)	Jomfruland	
		(mm)	% av normal
September 1982	118.8	119	125
Oktober 1982	123.1	134	140
November 1982	165.0	172	150

Tabell 14: Nedbørmålinger fra Tangen, Brevik i a) september 1982, b) oktober 1982, c) november 1982.

a)

BREVIK,TANGEN SEP 1982

DATO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TIME															
1	.0	.0	.0	.5	.0	.0	.0	.1	.0	.0	.0	.0	1.5	.0	.0
2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0
3	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
6	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	2.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	1.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	1.8	.0	.0	.0	.4	.0	.0	.0	.0	.1	.0	.0	.0
23	.0	.0	2.4	.0	.0	.0	.1	.0	.0	.0	.0	1.9	.0	.0	.0
24	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
SUM	.0	.0	7.7	4.6	.0	.0	7.3	.1	.0	.0	.2	2.1	2.5	.0	.0

BREVIK,TANGEN SEP 1982

DATO	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
TIME															
1	.0	.0	.0	.0	.1	.0	.0	.0	.0	1.5	.0	.0	.0	.4	.0
2	.0	.0	.0	.0	.0	1.3	.3	.0	.0	4.0	.1	.0	.0	.0	.0
3	.0	.0	.0	.0	.2	6.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	8.4	.0	.0	.0	.0	.0	.0	.0	.3	.0
5	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.1	.0	.0	.0	.9	.0
6	.0	.0	.0	.0	.0	.8	.0	.0	.0	.2	.0	.0	.0	.3	.0
7	.0	.0	.0	.0	.0	.9	.0	.0	.0	.2	.0	.1	.0	.4	.0
8	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.2	.0	.0	.0
9	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.3	.0	1.1	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	.0	1.0	.0
11	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	1.3	.0	.7	.0
12	.0	.0	.0	.0	.9	.0	.0	.0	.0	.7	.0	.0	.0	1.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.5	.0	.0	99.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	99.0	.0	.0
16	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	99.0	.8	.0
17	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0	.0	.0	99.0	.4	.0
18	.0	.0	.0	3.3	1.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
19	.0	.0	.0	5.0	1.2	.0	.0	.0	.0	.0	.0	.0	5.0	.0	.0
20	.0	.0	.0	1.5	1.2	.3	.0	.0	.0	.2	.0	.0	3.0	.0	.0
21	.0	.0	.0	.5	1.2	.2	.0	.0	.0	.8	.0	.0	1.0	.4	.0
22	.0	.0	.0	.4	.9	.2	.0	.0	.0	.1	.0	.0	3.8	.1	.0
23	.0	.0	.0	.7	.0	1.5	.0	.0	.0	1.1	.0	.0	2.0	.3	.0
24	.0	.0	.0	.6	.0	.3	.0	.0	.0	1.1	.0	.0	.7	.4	.0
SUM	.0	.0	.0	12.6	7.7	22.1	.3	.0	.0	23.4	.1	3.9	15.7	8.5	.0

SUM NEDBØR (MM): 118.8
ANT.TIMER M/REGN: 107
ANT.DØGN M/REGN: 16
ANT.REGISTR: 716

BREVIK,TANGEN OKT 1982

DATO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TIME															
1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.9	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	1.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0	.0	.0	1.0	.0
4	.0	.0	.0	.0	.0	.0	.1	3.0	.2	.0	.0	.0	.0	.7	.0
5	.3	.0	.0	.0	.0	.0	.2	1.0	.3	.0	.0	.0	.0	.6	.0
6	1.8	.0	.0	.0	.0	.0	.0	.8	.3	.0	.0	.0	.0	.2	.0
7	3.0	.0	.1	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.2	.0
8	.2	.0	.1	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.2	.0
9	.3	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.7	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	1.4	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	.0
12	.0	.0	.0	.0	.0	.6	.0	.0	.1	.0	.0	.0	.5	.5	.0
13	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.9	.0
14	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.3	.4	.0
15	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.7	.2	.0
16	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0
21	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	2.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.8	.0	.0
SUM	5.6	.0	.2	.0	.1	2.0	.5	5.5	2.8	.5	.0	.0	9.8	9.7	.0

b)

BREVIK,TANGEN OKT 1982

DATO	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
TIME																
1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	1.8	.0	.0	.0	.1
2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	4.0	.0	.0	.0	.1
3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	2.0	.0	.0	.0	.5
4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	1.2	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
12	.0	.0	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
13	.0	.0	1.4	.2	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.1
14	.0	.0	1.3	.2	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.2
15	.0	.0	1.2	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.2
16	.0	.0	.8	.0	.0	.0	2.1	.0	.0	.8	.0	.0	.0	.0	.0	.3
17	.0	.0	.8	3.4	.0	.0	1.9	.0	.0	1.3	.0	.0	.0	.0	.0	.2
18	.0	.1	.6	3.0	.0	.0	.2	.0	.0	2.4	.0	.0	.0	.0	.0	1.0
19	.0	.0	.6	3.8	.0	.0	.2	.0	.0	2.5	.0	.0	.0	.0	.0	2.5
20	.0	.0	1.0	3.1	.0	.0	.3	.0	.0	3.0	.0	.0	.0	.0	.1	2.7
21	.0	.0	.5	6.0	.0	.0	.1	.0	.0	3.7	.0	.0	.0	.0	.1	.5
22	.0	.0	.6	3.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.2	.6
23	.0	.1	.0	1.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.1	.5	.2
24	.0	.0	.0	.6	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.5	.0
SUM	.0	.2	11.5	24.4	.1	.0	10.3	3.9	.0	15.5	.0	9.0	.0	.1	1.4	10.0

SUM NEDBØR (MM): 123.1
ANT.TIMER M/REGN: 144
ANT.DØGN M/REGN: 21
ANT.REGISTR: 744

BREVIK,TANGEN NOV 1982

DATO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TIME															
1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	4.5	.0	4.0	.0	.1
2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	2.4	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.5	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	2.7	.0	.0
6	.1	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.3	3.8	.0	.0
7	.6	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	1.5	2.1	.0	.0
8	.1	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.5	.4	.0	.0
9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
10	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
11	.3	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.2	.0	.0
12	.5	.0	.0	.0	.0	.0	.0	.0	3.6	.0	.0	.0	.1	.0	.0
13	1.1	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
14	.7	.0	.0	.0	.0	.0	.0	.0	.8	1.1	.0	.1	.0	.0	.0
15	.5	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0	.2	.0	.0	.0
16	.1	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.3	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.2	.0	.5	.0
18	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.0	.6	.0
19	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0
22	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	2.8	.0	.8	.0
SUM	5.0	.0	.0	.0	.0	.0	.0	.2	13.1	3.0	6.3	10.6	16.6	1.9	.1

c)

BREVIK,TANGEN NOV 1982

DATO	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
TIME															
1	.0	.0	.0	.0	.0	.0	.0	.7	.4	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.2	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.2	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.7	.9	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1	1.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	1.6	1.3	.6	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
10	1.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	.0	.4	5.8	.0	.0
11	1.2	.0	.0	.0	.0	.0	.0	.0	.7	4.1	.0	2.0	2.5	.0	.0
12	.5	.0	.0	.0	.0	.6	1.4	.0	.3	5.3	.0	.0	.5	.0	.0
13	2.0	.0	.0	.0	.0	.1	.2	.0	1.0	4.0	.0	2.3	.0	.0	.0
14	3.3	.0	.0	.0	.0	2.3	.0	.0	3.0	.5	.0	.8	.0	.0	.0
15	.1	.0	.0	.0	.0	2.6	.0	.0	1.7	.0	.0	1.7	.0	.0	.0
16	.3	.0	.0	.0	.0	3.0	.0	.0	.1	.0	.1	2.5	.0	.0	.0
17	.0	.0	.3	.0	.0	2.5	.0	.0	.5	.0	.0	1.6	.0	.0	.0
18	.0	.0	.2	.0	.0	3.0	.0	.0	.5	.0	.0	1.7	.0	.0	.0
19	.0	.0	.5	.0	.0	1.5	.0	.0	.2	.0	.0	.5	.0	.0	.0
20	.0	.0	1.3	.0	.0	2.8	.0	.0	.0	.0	.0	.3	.0	.0	.0
21	.0	.0	1.3	.0	.0	2.0	.0	.0	.0	.0	.0	.7	.0	.0	.0
22	.0	.0	2.4	.0	.0	2.2	.0	.1	.0	.0	.0	3.5	.0	.0	.0
23	.0	.0	2.0	.0	.0	.5	.8	.0	.0	.0	.0	1.3	.0	.0	.0
24	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0
SUM	8.4	.0	8.0	.0	.0	23.3	2.7	2.0	10.2	16.7	1.7	23.7	11.5	.0	.0

SUM NEDBØR (MM): 165.0
ANT.TIMER M/REGN: 148
ANT.DØGN M/REGN: 19
ANT.REGISTR: 720

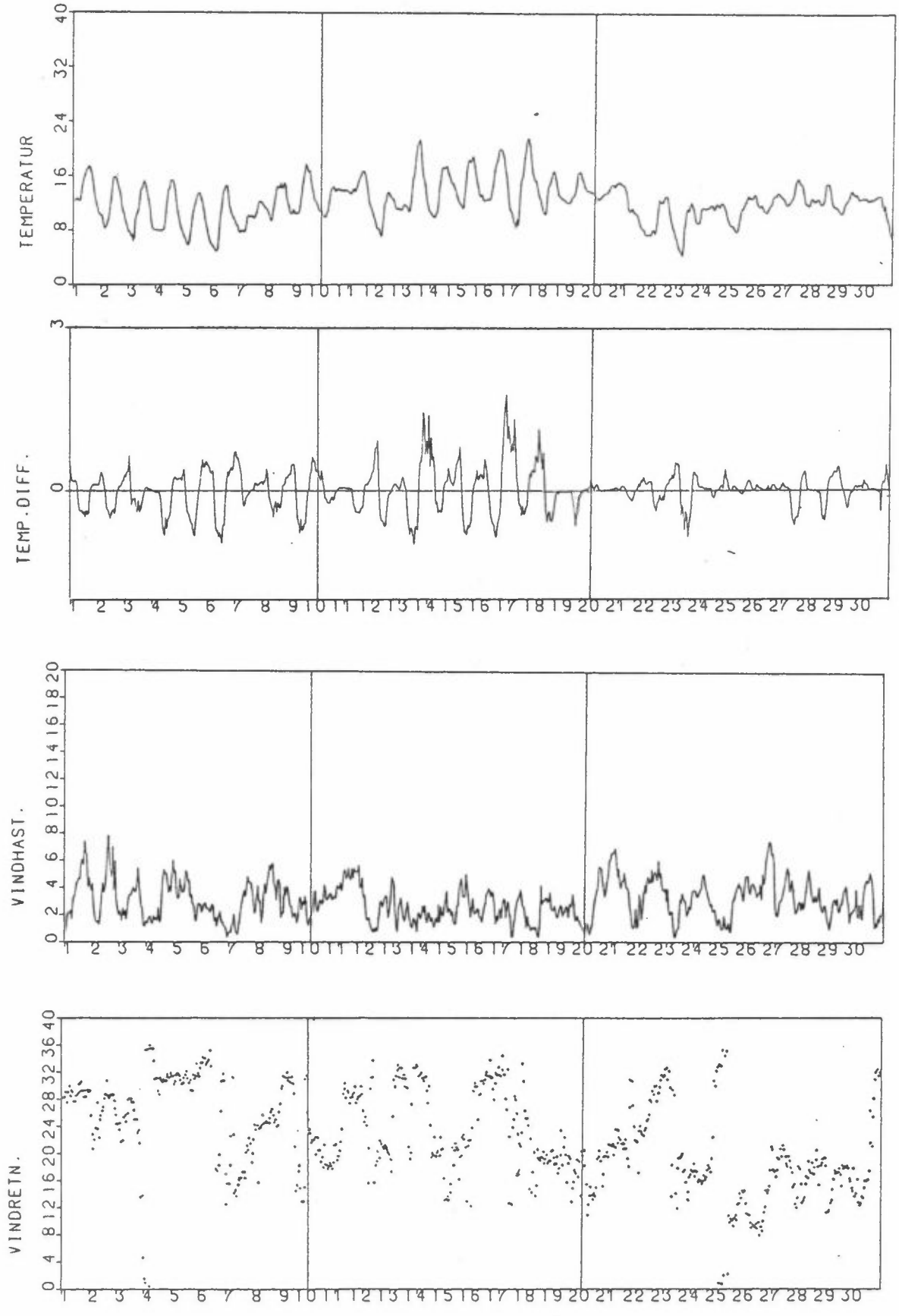
VEDLEGG B

GRAFISK FRAMSTILLING AV TIDSFORLØPET AV:

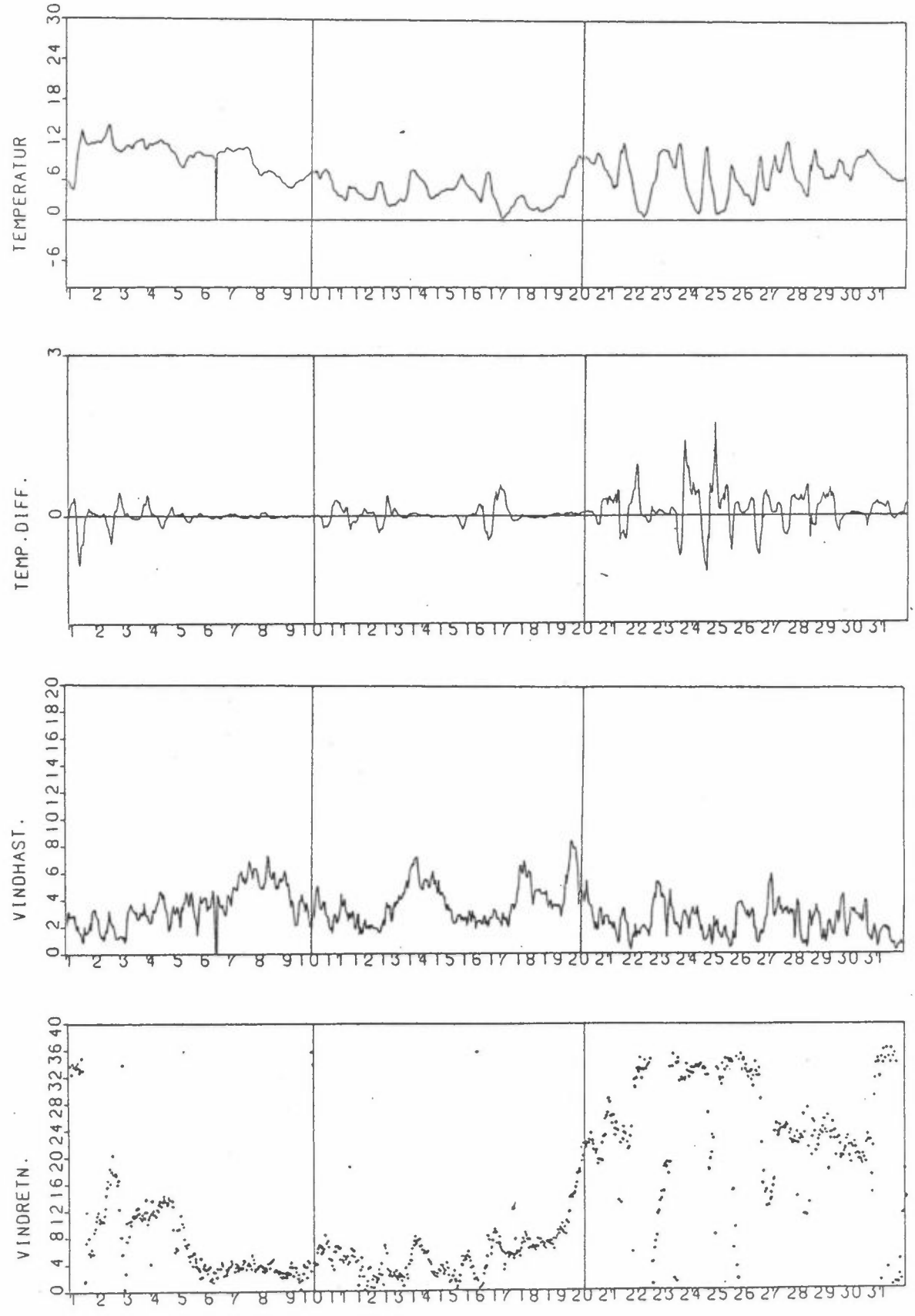
- TEMPERATUR (^{O}C)
- TEMPERATURDIFFERENS (25-10 M)
- VINDHASTIGHET (M/S)
- VINDRETNING (DEKAGRADER)

FOR MÅNEDENE SEPTEMBER, OKTOBER OG NOVEMBER 1982 VED ÅS.

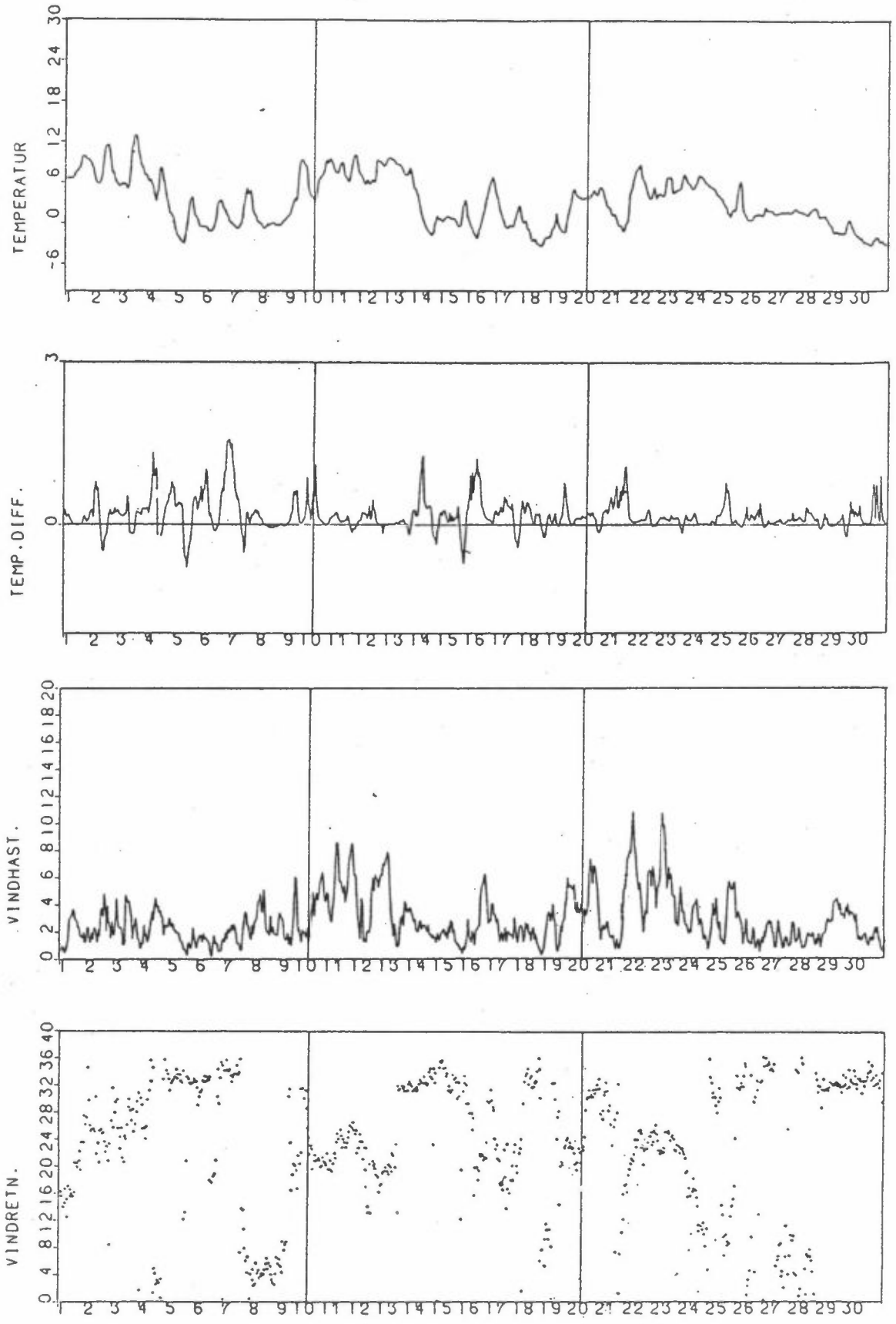
a) 338 Ås september 1982



b) 338 Ås oktober 1982



c) 338 Ås november 1982



VEDLEGG C

LISTE AV TIMEVISE DATA FRA
NEDRE TELEMARK
1.9.82-30.11.82

FØLGENDE PARAMETRE ER GITT I DEN SYNOPTISKE LISTEN AV DATA:

T-ÅS = lufttemperatur (^{o}C) 3 m over bakken ved Ås.
DT-ÅS = temperaturforskjell (^{o}C) 25-10 m ved Ås
RH-ÅS = relativ fuktighet (%) 3 m over bakken ved Ås
F-ÅS = vindstyrke (m/s) 25 m over bakken ved Ås
D-ÅS = vindretning (dekagrader; 9 = vind fra øst, 18 = vind fra sør, osv.) 25 m over bakken ved Ås
F-HER = vindstyrke (m/s) 30 m over bakken på Herøya
D-HER = vindretning (dekagrader) på Herøya
P-TA = nedbørmåling ved Tangen, Brevik

Observasjon 99 betegner manglende data. Tallet 10 eller 20 foran vindretningsangivelsen ved Ås angir at kvaliteten av middel-vindretningen over timen er dårlig.
(20-data anvendes ikke i de statistiske bearbeidelsene).

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
1	9	82	1	12.0	.51	.93	1.6	31.	1.5	1.	0.0
1	9	82	2	12.1	.18	.94	.8	28.	.8	35.	0.0
1	9	82	3	12.3	.20	.88	2.0	28.	1.3	34.	0.0
1	9	82	4	12.6	.16	.77	2.3	29.	2.0	28.	0.0
1	9	82	5	12.3	.19	.76	2.1	28.	2.3	26.	0.0
1	9	82	6	12.1	.16	.73	2.5	29.	2.3	27.	0.0
1	9	82	7	12.4	.13	.71	1.7	30.	2.7	26.	0.0
1	9	82	8	14.5	-.22	.55	3.3	29.	99.0	99.	0.0
1	9	82	9	16.0	-.38	.47	3.4	29.	4.3	27.	0.0
1	9	82	10	16.5	-.37	.43	3.7	29.	4.3	27.	0.0
1	9	82	11	16.8	-.35	.40	4.5	28.	5.6	26.	0.0
1	9	82	12	17.6	-.45	.40	4.5	28.	4.7	26.	0.0
1	9	82	13	17.8	-.38	.38	4.8	29.	4.9	26.	0.0
1	9	82	14	18.3	-.49	.38	4.7	29.	5.3	26.	0.0
1	9	82	15	18.2	-.36	.32	5.9	29.	5.8	27.	0.0
1	9	82	16	17.9	-.44	.28	6.2	30.	7.2	28.	0.0
1	9	82	17	17.2	-.42	.32	5.7	31.	6.9	27.	0.0
1	9	82	18	15.3	-.07	.33	7.5	29.	7.0	27.	0.0
1	9	82	19	13.5	.04	.40	6.6	29.	6.3	27.	0.0
1	9	82	20	12.4	.08	.44	6.5	28.	5.7	27.	0.0
1	9	82	21	11.4	.13	.46	4.1	29.	2.7	27.	0.0
1	9	82	22	10.7	.10	.52	4.8	28.	4.2	27.	0.0
1	9	82	23	10.2	.13	.55	4.2	29.	2.9	27.	0.0
1	9	82	24	9.9	.11	.57	3.8	29.	3.8	27.	0.0
2	9	82	1	10.1	.11	.58	4.4	29.	5.1	27.	0.0
2	9	82	2	9.5	.11	.60	2.6	26.	4.0	25.	0.0
2	9	82	3	8.6	.18	.65	2.0	23.	2.7	24.	0.0
2	9	82	4	7.7	.35	.76	1.6	21.	2.2	18.	0.0
2	9	82	5	8.1	.32	.77	1.5	22.	2.1	22.	0.0
2	9	82	6	8.4	.23	.78	1.7	24.	3.6	24.	0.0
2	9	82	7	9.1	.10	.77	1.3	1028.	3.1	24.	0.0
2	9	82	8	9.9	-.05	.74	2.2	24.	3.9	24.	0.0
2	9	82	9	11.9	-.34	.69	3.3	22.	3.3	24.	0.0
2	9	82	10	13.3	-.35	.62	4.4	25.	4.8	24.	0.0
2	9	82	11	15.1	-.42	.52	3.7	26.	3.8	24.	0.0
2	9	82	12	16.5	-.52	.43	4.0	26.	5.2	26.	0.0
2	9	82	13	16.8	-.43	.40	5.0	27.	4.8	27.	0.0
2	9	82	14	16.6	-.37	.37	6.7	28.	7.8	26.	0.0
2	9	82	15	16.1	-.34	.35	7.9	29.	7.7	26.	0.0
2	9	82	16	15.5	-.43	.40	6.1	31.	6.1	28.	0.0
2	9	82	17	14.4	-.27	.41	5.4	28.	5.4	26.	0.0
2	9	82	18	13.5	-.04	.41	4.8	28.	6.4	25.	0.0
2	9	82	19	11.9	.02	.47	7.1	28.	6.5	26.	0.0
2	9	82	20	10.6	.09	.54	3.9	29.	4.1	26.	0.0
2	9	82	21	10.2	.08	.54	6.1	29.	3.9	26.	0.0
2	9	82	22	9.3	.10	.57	3.4	28.	3.6	26.	0.0
2	9	82	23	8.6	.18	.61	2.7	27.	2.5	26.	0.0
2	9	82	24	8.2	.19	.63	2.0	26.	2.8	24.	0.0
3	9	82	1	7.4	.30	.70	2.4	24.	2.9	25.	0.0
3	9	82	2	7.5	.24	.70	2.1	24.	2.1	21.	0.0
3	9	82	3	6.5	.35	.75	1.6	24.	1.7	26.	0.0
3	9	82	4	7.0	.34	.73	2.6	24.	1.9	24.	0.0
3	9	82	5	5.9	.65	.77	2.0	22.	1.8	24.	0.0
3	9	82	6	6.6	.23	.76	2.4	22.	1.1	38.	0.0
3	9	82	7	10.0	-.27	.64	1.7	25.	1.6	24.	0.0
3	9	82	8	10.2	-.15	.62	2.6	26.	2.6	23.	0.0
3	9	82	9	10.7	-.14	.59	3.3	25.	3.3	24.	0.0
3	9	82	10	11.5	-.15	.56	3.6	26.	3.1	24.	0.0
3	9	82	11	13.1	-.29	.52	3.5	28.	4.5	25.	0.0
3	9	82	12	14.7	-.40	.44	3.8	28.	4.6	25.	0.0
3	9	82	13	14.5	-.18	.42	4.1	28.	4.3	25.	0.0
3	9	82	14	15.4	-.40	.39	3.8	28.	4.5	26.	0.0
3	9	82	15	16.1	-.35	.36	3.7	28.	4.3	26.	0.0
3	9	82	16	15.2	-.24	.41	4.1	26.	6.0	24.	0.0
3	9	82	17	14.2	-.13	.45	5.5	25.	7.3	24.	0.0
3	9	82	18	13.0	-.03	.51	4.5	25.	5.9	24.	0.0
3	9	82	19	12.3	.05	.58	3.4	23.	3.5	22.	0.0
3	9	82	20	11.1	.07	.71	2.7	23.	2.7	22.	0.0
3	9	82	21	9.0	.05	.93	2.5	22.	2.0	19.	1.0
3	9	82	22	8.3	.02	.96	1.3	14.	1.7	15.	1.8
3	9	82	23	8.1	.04	.96	1.2	1014.	1.4	9.	2.4
3	9	82	24	8.1	.02	.96	1.7	1005.	2.5	2.	2.5

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
4	9	82	1	8.1	0.00	.96	1.4	2.	2.0	1.	.5
4	9	82	2	8.0	-.01	.96	1.6	1.	2.5	1.	.3
4	9	82	3	8.0	-.02	.95	2.0	35.	2.2	1.	.4
4	9	82	4	8.0	-.03	.95	2.0	35.	2.2	1.	.1
4	9	82	5	8.0	-.03	.95	1.5	0.	1.9	1.	.2
4	9	82	6	8.0	-.02	.95	1.4	36.	2.1	1.	.5
4	9	82	7	8.1	-.03	.95	2.0	36.	2.1	2.	2.0
4	9	82	8	8.4	-.08	.94	1.7	35.	2.4	36.	.6
4	9	82	9	9.4	-.23	.89	1.9	34.	2.0	36.	0.0
4	9	82	10	11.7	-.57	.80	1.6	31.	1.8	28.	0.0
4	9	82	11	13.6	-.77	.71	2.6	31.	2.2	28.	0.0
4	9	82	12	15.1	-.83	.61	1.5	31.	2.1	30.	0.0
4	9	82	13	14.8	-.49	.60	1.7	29.	2.7	25.	0.0
4	9	82	14	16.5	-.70	.46	3.4	29.	4.0	32.	0.0
4	9	82	15	16.8	-.53	.30	4.8	31.	6.5	27.	0.0
4	9	82	16	16.4	-.49	.23	5.4	31.	5.1	28.	0.0
4	9	82	17	15.5	-.43	.25	5.1	30.	4.6	29.	0.0
4	9	82	18	13.9	-.14	.31	5.1	31.	4.6	28.	0.0
4	9	82	19	11.8	.09	.37	4.6	31.	3.5	29.	0.0
4	9	82	20	10.2	.21	.47	3.7	31.	2.9	29.	0.0
4	9	82	21	9.2	.26	.50	4.3	32.	3.3	32.	0.0
4	9	82	22	8.4	.22	.52	3.8	31.	2.1	31.	0.0
4	9	82	23	7.9	.19	.52	4.9	31.	2.0	32.	0.0
4	9	82	24	7.5	.22	.49	6.1	32.	2.5	32.	0.0
5	9	82	1	7.0	.22	.51	5.1	31.	2.3	31.	0.0
5	9	82	2	6.6	.24	.52	5.3	31.	2.6	31.	0.0
5	9	82	3	6.3	.17	.56	3.7	30.	3.1	29.	0.0
5	9	82	4	5.7	.29	.57	3.2	31.	1.8	1.	0.0
5	9	82	5	5.1	.41	.61	3.3	32.	1.6	1.	0.0
5	9	82	6	6.2	.12	.62	4.7	32.	2.8	32.	0.0
5	9	82	7	8.0	-.21	.58	4.1	32.	2.9	32.	0.0
5	9	82	8	9.5	-.40	.53	3.7	31.	2.9	28.	0.0
5	9	82	9	10.8	-.43	.48	3.7	31.	3.4	27.	0.0
5	9	82	10	12.0	-.52	.42	4.0	30.	4.7	30.	0.0
5	9	82	11	12.6	-.59	.37	5.4	30.	4.9	28.	0.0
5	9	82	12	13.3	-.61	.34	5.1	31.	4.8	27.	0.0
5	9	82	13	14.6	-.80	.30	4.5	32.	4.3	30.	0.0
5	9	82	14	15.2	-.85	.28	4.7	32.	3.5	27.	0.0
5	9	82	15	14.5	-.63	.26	3.3	31.	2.8	29.	0.0
5	9	82	16	13.6	-.37	.28	3.6	30.	3.6	27.	0.0
5	9	82	17	12.6	-.16	.32	2.9	31.	3.3	27.	0.0
5	9	82	18	11.5	.03	.35	2.8	29.	3.0	27.	0.0
5	9	82	19	10.2	.17	.43	1.9	29.	3.1	27.	0.0
5	9	82	20	8.3	.35	.60	1.6	32.	1.8	38.	0.0
5	9	82	21	7.5	.58	.67	2.5	31.	1.0	3.	0.0
5	9	82	22	7.0	.43	.77	2.9	31.	2.0	1.	0.0
5	9	82	23	6.5	.44	.73	2.8	33.	2.1	1.	0.0
5	9	82	24	5.8	.54	.77	2.8	32.	1.1	3.	0.0
6	9	82	1	5.3	.51	.84	2.3	31.	.9	3.	0.0
6	9	82	2	5.3	.46	.81	2.7	33.	1.5	2.	0.0
6	9	82	3	4.9	.44	.78	2.9	33.	1.3	1.	0.0
6	9	82	4	5.0	.32	.76	3.0	33.	1.5	2.	0.0
6	9	82	5	4.6	.31	.76	2.6	34.	1.3	3.	0.0
6	9	82	6	4.6	.38	.76	2.5	34.	1.3	3.	0.0
6	9	82	7	5.4	.14	.75	2.5	33.	1.5	3.	0.0
6	9	82	8	8.7	-.48	.67	2.2	34.	1.9	3.	0.0
6	9	82	9	11.1	-.75	.57	2.5	34.	3.0	1.	0.0
6	9	82	10	12.6	-.72	.48	2.9	35.	2.4	1.	0.0
6	9	82	11	13.6	-.87	.44	2.7	33.	1.9	2.	0.0
6	9	82	12	14.6	-.77	.34	1.6	1002.	1.8	2.	0.0
6	9	82	13	15.4	-.86	.29	1.9	1001.	1.8	4.	0.0
6	9	82	14	16.5	-.97	.25	1.2	1002.	1.3	3.	0.0
6	9	82	15	15.8	-.62	.26	1.7	24.	1.7	38.	0.0
6	9	82	16	14.4	-.66	.33	2.0	18.	2.3	17.	0.0
6	9	82	17	11.9	-.16	.42	2.4	17.	2.6	16.	0.0
6	9	82	18	10.7	.12	.47	1.6	18.	1.6	15.	0.0
6	9	82	19	9.8	.36	.51	1.6	20.	1.3	15.	0.0
6	9	82	20	9.1	.26	.59	1.3	26.	1.2	23.	0.0
6	9	82	21	8.8	.35	.64	1.2	31.	1.6	38.	0.0
6	9	82	22	7.8	.43	.73	1.1	32.	1.4	1.	0.0
6	9	82	23	7.6	.37	.75	.4	31.	1.2	1.	0.0
6	9	82	24	7.5	.42	.79	.8	13.	1.5	1.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
7	9	82	1	7.1	.70	.79	.8	17.	1.5	1.	0.0
7	9	82	2	6.7	.73	.87	.8	16.	2.0	1.	0.0
7	9	82	3	6.8	.58	.88	1.3	16.	1.7	1.	0.0
7	9	82	4	7.4	.62	.84	1.5	18.	1.1	2.	0.0
7	9	82	5	7.5	.51	.84	2.1	1023.	2.0	1.	0.0
7	9	82	6	7.5	.40	.88	1.1	31.	2.0	1.	0.0
7	9	82	7	7.4	.29	.93	.7	23.	1.6	1.	.1
7	9	82	8	8.9	-.09	.87	.6	14.	1.0	1.	0.0
7	9	82	9	10.2	-.29	.76	1.1	15.	1.1	9.	0.0
7	9	82	10	10.4	-.25	.70	1.8	14.	1.7	15.	0.0
7	9	82	11	9.9	-.14	.75	2.5	15.	2.5	14.	0.0
7	9	82	12	10.1	-.10	.79	3.0	16.	2.2	15.	0.0
7	9	82	13	10.1	-.07	.83	3.5	16.	2.5	16.	0.0
7	9	82	14	9.7	-.04	.94	3.9	16.	2.6	16.	.3
7	9	82	15	9.6	.01	.95	3.4	17.	2.6	16.	.5
7	9	82	16	10.2	.01	.95	4.0	17.	2.9	16.	.5
7	9	82	17	10.5	0.00	.96	4.9	16.	4.3	16.	1.8
7	9	82	18	11.6	.05	.96	4.4	20.	4.0	18.	2.8
7	9	82	19	12.2	.15	.93	4.4	21.	2.8	20.	0.0
7	9	82	20	12.2	.13	.93	4.4	20.	2.9	19.	.3
7	9	82	21	12.1	.09	.92	3.9	22.	3.0	21.	.5
7	9	82	22	11.8	.11	.94	3.2	21.	1.9	19.	.4
7	9	82	23	11.5	.14	.94	2.2	19.	1.5	16.	.1
7	9	82	24	11.4	.16	.93	2.4	20.	2.3	19.	0.0
8	9	82	1	11.0	.16	.93	3.3	22.	2.5	21.	.1
8	9	82	2	10.9	.10	.91	4.2	24.	3.3	24.	0.0
8	9	82	3	10.4	.19	.91	3.0	24.	2.5	22.	0.0
8	9	82	4	9.9	.16	.91	3.1	24.	1.3	23.	0.0
8	9	82	5	8.7	.41	.94	1.5	1016.	1.7	17.	0.0
8	9	82	6	8.6	.28	.88	2.0	24.	1.6	20.	0.0
8	9	82	7	10.7	-.10	.74	3.7	24.	2.4	23.	0.0
8	9	82	8	11.7	-.19	.73	4.4	24.	3.7	24.	0.0
8	9	82	9	13.1	-.26	.66	3.6	26.	4.2	24.	0.0
8	9	82	10	14.5	-.35	.57	4.4	24.	4.3	23.	0.0
8	9	82	11	15.2	-.50	.51	4.9	24.	5.7	24.	0.0
8	9	82	12	14.8	-.29	.47	5.7	25.	6.2	24.	0.0
8	9	82	13	14.5	-.19	.50	5.3	24.	6.3	24.	0.0
8	9	82	14	15.7	-.40	.47	5.8	24.	7.2	24.	0.0
8	9	82	15	14.6	-.22	.52	5.9	25.	6.5	24.	0.0
8	9	82	16	14.8	-.30	.53	4.3	26.	6.0	24.	0.0
8	9	82	17	15.6	-.33	.47	4.2	27.	4.5	26.	0.0
8	9	82	18	15.0	-.20	.48	3.1	26.	4.0	25.	0.0
8	9	82	19	12.7	.10	.55	4.5	25.	5.2	24.	0.0
8	9	82	20	11.9	.11	.58	4.7	25.	4.9	24.	0.0
8	9	82	21	11.2	.12	.61	4.3	24.	3.5	25.	0.0
8	9	82	22	9.9	.25	.67	1.9	24.	3.8	25.	0.0
8	9	82	23	10.0	.23	.65	2.3	26.	2.3	26.	0.0
8	9	82	24	9.7	.27	.66	2.2	27.	2.5	26.	0.0
9	9	82	1	10.5	.31	.63	4.1	29.	2.5	26.	0.0
9	9	82	2	9.9	.29	.68	3.4	30.	2.9	25.	0.0
9	9	82	3	9.6	.49	.69	4.2	31.	1.7	26.	0.0
9	9	82	4	9.8	.48	.70	4.0	31.	1.5	25.	0.0
9	9	82	5	9.7	.49	.72	3.3	31.	2.8	29.	0.0
9	9	82	6	10.0	.28	.73	2.6	32.	1.4	27.	0.0
9	9	82	7	12.4	-.18	.67	2.8	31.	1.4	25.	0.0
9	9	82	8	14.2	-.50	.61	1.8	31.	1.0	20.	0.0
9	9	82	9	15.8	-.60	.56	2.1	30.	2.4	26.	0.0
9	9	82	10	17.6	-.79	.48	2.2	31.	1.7	31.	0.0
9	9	82	11	17.5	-.52	.44	1.9	30.	1.8	28.	0.0
9	9	82	12	18.6	-.74	.37	1.4	29.	2.0	20.	0.0
9	9	82	13	18.2	-.71	.38	2.0	21.	1.9	17.	0.0
9	9	82	14	17.2	-.61	.43	3.3	14.	3.3	15.	0.0
9	9	82	15	17.7	-.61	.42	3.4	15.	3.6	15.	0.0
9	9	82	16	16.2	-.27	.48	2.4	17.	2.8	14.	0.0
9	9	82	17	14.6	-.03	.54	3.1	18.	2.5	15.	0.0
9	9	82	18	13.7	.01	.70	2.8	15.	2.2	14.	0.0
9	9	82	19	12.3	.29	.90	3.5	13.	1.6	14.	0.0
9	9	82	20	11.7	.34	.95	2.9	13.	1.6	15.	0.0
9	9	82	21	11.7	.62	.94	1.6	15.	1.5	38.	0.0
9	9	82	22	11.2	.53	.93	1.3	31.	1.8	2.	0.0
9	9	82	23	10.5	.55	.94	1.9	31.	1.2	2.	0.0
9	9	82	24	10.0	.34	.91	1.7	26.	1.1	27.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
10	9	82	1	10.5	.34	.65	2.0	25.	1.8	26.	0.0
10	9	82	2	10.0	.39	.66	2.4	24.	2.0	24.	0.0
10	9	82	3	9.7	.26	.71	3.1	23.	1.7	21.	0.0
10	9	82	4	9.7	.18	.78	3.8	22.	2.0	19.	0.0
10	9	82	5	9.3	.37	.81	2.6	22.	1.6	20.	0.0
10	9	82	6	10.3	.17	.82	2.3	22.	1.6	18.	0.0
10	9	82	7	10.7	.03	.86	2.7	20.	1.7	16.	0.0
10	9	82	8	12.1	-.15	.88	3.2	22.	1.9	18.	0.0
10	9	82	9	13.4	-.14	.86	3.1	22.	2.6	20.	0.0
10	9	82	10	14.3	-.24	.84	2.8	20.	2.2	19.	0.0
10	9	82	11	14.7	-.22	.86	3.1	21.	2.7	18.	0.0
10	9	82	12	14.9	-.25	.86	4.3	19.	3.9	17.	0.0
10	9	82	13	14.4	-.17	.88	3.8	20.	3.9	18.	0.0
10	9	82	14	13.9	-.11	.91	3.1	18.	3.6	18.	0.0
10	9	82	15	14.5	-.18	.86	3.3	21.	3.7	18.	0.0
10	9	82	16	14.5	-.15	.85	3.4	18.	3.8	17.	0.0
10	9	82	17	14.2	-.05	.86	3.7	18.	3.5	17.	0.0
10	9	82	18	14.0	-.02	.87	3.6	18.	4.0	17.	0.0
10	9	82	19	14.0	.02	.88	3.2	18.	3.6	17.	0.0
10	9	82	20	13.8	.04	.91	3.3	19.	3.4	17.	0.0
10	9	82	21	13.9	.06	.87	3.4	18.	2.8	18.	0.0
10	9	82	22	13.9	.03	.92	3.3	18.	2.9	18.	0.0
10	9	82	23	14.0	.04	.88	4.2	19.	3.9	18.	0.0
10	9	82	24	13.8	.06	.86	4.1	21.	3.4	19.	0.0
11	9	82	1	13.8	.05	.86	4.0	21.	2.7	20.	0.0
11	9	82	2	13.6	.03	.89	4.5	19.	3.7	18.	0.0
11	9	82	3	13.4	.04	.95	3.8	20.	3.0	18.	0.0
11	9	82	4	13.5	.04	.97	4.4	20.	3.1	19.	0.0
11	9	82	5	13.9	.03	.95	5.3	22.	3.9	21.	.2
11	9	82	6	14.3	.03	.88	5.4	24.	5.0	24.	0.0
11	9	82	7	13.7	.05	.75	4.7	29.	3.2	27.	0.0
11	9	82	8	14.6	-.09	.55	4.9	29.	4.1	27.	0.0
11	9	82	9	15.2	-.27	.41	5.6	30.	5.0	27.	0.0
11	9	82	10	16.0	-.32	.33	4.8	28.	5.1	27.	0.0
11	9	82	11	16.4	-.41	.32	4.6	29.	5.3	26.	0.0
11	9	82	12	16.5	-.38	.32	5.5	29.	5.7	26.	0.0
11	9	82	13	17.2	-.40	.33	4.7	27.	5.4	27.	0.0
11	9	82	14	17.6	-.43	.30	5.5	28.	6.1	26.	0.0
11	9	82	15	17.4	-.35	.28	5.2	28.	6.6	26.	0.0
11	9	82	16	16.8	-.30	.28	5.2	29.	5.1	28.	0.0
11	9	82	17	15.7	-.33	.30	5.2	29.	5.6	28.	0.0
11	9	82	18	14.0	-.07	.35	5.8	30.	4.9	27.	0.0
11	9	82	19	12.2	.10	.41	4.0	27.	4.7	27.	0.0
11	9	82	20	11.3	.12	.45	4.2	28.	3.4	26.	0.0
11	9	82	21	11.1	.09	.47	4.8	28.	4.4	26.	0.0
11	9	82	22	10.3	.15	.52	3.4	28.	2.6	26.	0.0
11	9	82	23	9.5	.20	.61	3.6	30.	4.1	27.	0.0
11	9	82	24	9.0	.23	.64	2.6	29.	2.1	25.	0.0
12	9	82	1	8.4	.32	.65	1.7	26.	1.7	26.	0.0
12	9	82	2	7.4	.35	.72	1.7	25.	1.4	27.	0.0
12	9	82	3	7.2	.52	.72	1.9	25.	1.4	38.	0.0
12	9	82	4	7.0	.78	.72	1.4	24.	1.1	0.	0.0
12	9	82	5	5.5	.80	.87	1.1	16.	1.0	18.	0.0
12	9	82	6	5.7	.93	.89	.8	21.	.9	38.	0.0
12	9	82	7	8.5	.06	.80	1.1	29.	1.8	1.	0.0
12	9	82	8	10.9	-.40	.72	.8	31.	1.4	1.	0.0
12	9	82	9	13.1	-.55	.56	1.2	31.	1.2	2.	0.0
12	9	82	10	13.0	-.56	.52	.9	34.	1.6	3.	0.0
12	9	82	11	13.7	-.59	.50	1.3	16.	1.3	38.	0.0
12	9	82	12	14.3	-.67	.49	2.2	18.	2.1	16.	0.0
12	9	82	13	14.3	-.63	.48	3.2	19.	2.8	17.	0.0
12	9	82	14	13.5	-.38	.53	3.0	20.	2.9	20.	0.0
12	9	82	15	13.0	-.16	.55	2.6	19.	2.8	18.	0.0
12	9	82	16	12.8	-.05	.53	3.1	22.	2.4	21.	0.0
12	9	82	17	12.5	-.07	.60	3.3	21.	3.4	21.	0.0
12	9	82	18	11.6	0.00	.69	3.5	21.	3.5	21.	0.0
12	9	82	19	11.1	.05	.71	3.2	21.	2.8	20.	0.0
12	9	82	20	10.8	.09	.76	1.8	21.	2.1	20.	0.0
12	9	82	21	11.1	.13	.84	2.4	21.	2.5	19.	0.0
12	9	82	22	10.8	.11	.94	3.1	21.	2.8	20.	.1
12	9	82	23	10.9	.08	.96	4.9	20.	3.3	19.	1.9
12	9	82	24	10.9	.05	.96	4.6	20.	4.0	18.	.1

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
13	9	82	1	11.3	.01	.97	4.3	19.	4.3	18.	1.5
13	9	82	2	11.7	.07	.97	2.3	17.	2.0	17.	.9
13	9	82	3	11.3	.17	.96	1.2	26.	1.1	22.	0.0
13	9	82	4	11.0	.25	.96	.8	31.	1.0	0.	0.0
13	9	82	5	11.0	.18	.95	2.6	30.	2.1	26.	0.0
13	9	82	6	10.5	.06	.96	2.9	31.	1.2	38.	0.0
13	9	82	7	10.9	.02	.95	3.4	32.	2.5	1.	0.0
13	9	82	8	12.7	-.39	.88	2.8	33.	2.5	2.	0.0
13	9	82	9	14.5	-.59	.81	2.0	31.	1.6	36.	.1
13	9	82	10	17.1	-.82	.71	1.6	32.	1.5	4.	0.0
13	9	82	11	17.4	-.69	.69	1.9	32.	1.1	24.	0.0
13	9	82	12	18.8	-.72	.62	2.6	31.	3.0	26.	0.0
13	9	82	13	21.0	-.86	.49	3.0	31.	3.4	26.	0.0
13	9	82	14	22.4	-1.00	.43	2.1	31.	2.4	23.	0.0
13	9	82	15	22.1	-.66	.40	1.6	30.	2.6	23.	0.0
13	9	82	16	22.5	-.68	.38	1.2	30.	2.4	23.	0.0
13	9	82	17	21.1	-.74	.45	1.1	1021.	1.7	19.	0.0
13	9	82	18	17.3	-.02	.66	1.8	19.	1.5	16.	0.0
13	9	82	19	14.8	.50	.78	1.7	20.	1.3	13.	0.0
13	9	82	20	14.6	.52	.78	1.5	27.	.6	8.	0.0
13	9	82	21	12.6	.66	.90	.8	0.	.6	8.	0.0
13	9	82	22	11.6	1.44	.92	2.3	33.	1.3	4.	0.0
13	9	82	23	10.6	1.30	.96	2.2	33.	1.4	2.	0.0
13	9	82	24	10.1	.66	.96	1.7	33.	1.3	3.	0.0
14	9	82	1	9.9	.92	.94	2.0	33.	.9	2.	0.0
14	9	82	2	9.8	.66	.94	2.8	31.	1.0	3.	0.0
14	9	82	3	9.4	1.38	.95	2.2	32.	.8	2.	0.0
14	9	82	4	9.4	.43	.96	2.8	32.	.6	3.	0.0
14	9	82	5	9.1	.97	.92	1.7	1031.	.6	5.	0.0
14	9	82	6	9.5	.54	.89	1.5	31.	.9	0.	0.0
14	9	82	7	10.4	.62	.85	2.3	31.	.7	36.	0.0
14	9	82	8	11.9	.34	.74	2.1	31.	.9	0.	0.0
14	9	82	9	14.7	-.27	.61	1.6	29.	1.5	26.	0.0
14	9	82	10	16.0	-.21	.52	1.9	28.	2.1	26.	0.0
14	9	82	11	17.4	-.42	.45	1.5	30.	2.5	25.	0.0
14	9	82	12	17.9	-.37	.46	1.1	24.	1.7	25.	0.0
14	9	82	13	17.5	-.37	.53	1.6	19.	1.3	18.	0.0
14	9	82	14	17.9	-.42	.58	1.9	20.	1.6	17.	0.0
14	9	82	15	18.0	-.23	.62	1.5	20.	1.6	16.	0.0
14	9	82	16	17.4	.06	.67	2.8	22.	2.0	18.	0.0
14	9	82	17	16.4	.13	.79	1.5	1020.	1.6	16.	0.0
14	9	82	18	15.9	.18	.78	2.7	20.	2.4	18.	0.0
14	9	82	19	15.2	.15	.78	2.1	20.	2.7	17.	0.0
14	9	82	20	14.4	.42	.82	2.0	20.	2.1	17.	0.0
14	9	82	21	14.8	.26	.82	2.7	22.	2.5	18.	0.0
14	9	82	22	14.2	.17	.86	3.1	21.	2.9	17.	0.0
14	9	82	23	13.8	.13	.88	3.8	21.	3.1	17.	0.0
14	9	82	24	13.2	.07	.91	2.2	16.	2.3	16.	0.0
15	9	82	1	12.3	.14	.96	2.5	13.	2.5	15.	0.0
15	9	82	2	11.8	.28	.96	2.5	13.	1.9	15.	0.0
15	9	82	3	11.4	.47	.96	2.0	14.	1.4	38.	0.0
15	9	82	4	11.1	.52	.97	2.3	13.	.8	3.	0.0
15	9	82	5	10.7	.60	.97	1.7	14.	.9	8.	0.0
15	9	82	6	10.7	.80	.97	1.4	15.	.6	6.	0.0
15	9	82	7	12.7	.35	.89	1.5	21.	.9	6.	0.0
15	9	82	8	15.1	-.30	.79	2.7	18.	2.0	16.	0.0
15	9	82	9	17.5	-.54	.71	2.8	20.	2.2	19.	0.0
15	9	82	10	18.8	-.77	.68	4.1	21.	2.7	21.	0.0
15	9	82	11	19.2	-.79	.68	4.4	21.	3.0	20.	0.0
15	9	82	12	18.7	-.82	.69	4.8	21.	4.0	16.	0.0
15	9	82	13	19.0	-.64	.68	3.5	16.	3.3	15.	0.0
15	9	82	14	19.9	-.69	.63	3.3	19.	3.7	16.	0.0
15	9	82	15	19.6	-.64	.62	3.5	20.	3.3	17.	0.0
15	9	82	16	18.2	-.51	.57	5.1	22.	2.9	22.	0.0
15	9	82	17	16.5	-.14	.60	4.3	23.	3.1	21.	0.0
15	9	82	18	15.2	.05	.66	3.5	22.	3.9	21.	0.0
15	9	82	19	14.3	.13	.75	2.7	21.	2.6	19.	0.0
15	9	82	20	13.1	.17	.90	1.9	13.	2.3	15.	0.0
15	9	82	21	12.6	.37	.89	2.7	21.	2.3	18.	0.0
15	9	82	22	13.1	.19	.81	3.3	22.	2.2	21.	0.0
15	9	82	23	12.7	.21	.81	2.1	22.	2.0	20.	0.0
15	9	82	24	11.8	.30	.86	2.2	1012.	2.1	21.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
16	9	82	1	11.9	.30	.84	2.2	1024.	2.8	23.	0.0
16	9	82	2	11.8	.23	.84	2.6	29.	3.5	25.	0.0
16	9	82	3	12.3	.20	.82	2.4	30.	3.4	26.	0.0
16	9	82	4	11.6	.58	.83	1.8	30.	2.0	38.	0.0
16	9	82	5	11.5	.47	.77	1.9	1030.	1.5	0.	0.0
16	9	82	6	11.7	.33	.71	1.5	25.	.9	0.	0.0
16	9	82	7	13.5	.04	.64	2.1	1029.	.9	5.	0.0
16	9	82	8	15.1	-.17	.57	2.7	29.	2.1	28.	0.0
16	9	82	9	16.9	-.43	.49	2.9	31.	2.7	26.	0.0
16	9	82	10	18.2	-.55	.41	3.6	31.	2.8	32.	0.0
16	9	82	11	18.6	-.61	.39	3.7	30.	3.9	28.	0.0
16	9	82	12	19.1	-.63	.37	4.0	31.	4.3	27.	0.0
16	9	82	13	20.7	-.85	.32	3.8	31.	4.6	26.	0.0
16	9	82	14	21.8	-.87	.28	3.4	32.	3.1	28.	0.0
16	9	82	15	21.5	-.66	.25	3.8	31.	2.9	30.	0.0
16	9	82	16	21.3	-.54	.23	3.5	31.	3.1	33.	0.0
16	9	82	17	20.5	-.47	.23	2.9	34.	2.6	35.	0.0
16	9	82	18	18.3	-.18	.30	1.4	31.	1.2	38.	0.0
16	9	82	19	15.8	.44	.36	2.0	29.	1.2	20.	0.0
16	9	82	20	14.5	.75	.41	1.6	28.	1.2	24.	0.0
16	9	82	21	13.0	1.21	.53	2.3	30.	1.2	4.	0.0
16	9	82	22	10.6	1.57	.76	2.6	32.	1.4	1.	0.0
16	9	82	23	9.3	1.76	.92	1.8	32.	1.2	1.	0.0
16	9	82	24	9.2	.93	.78	2.7	33.	.9	2.	0.0
17	9	82	1	9.0	1.18	.75	3.3	31.	.7	6.	0.0
17	9	82	2	8.3	.93	.83	3.2	31.	1.6	1.	0.0
17	9	82	3	7.2	.69	.84	1.8	34.	1.8	1.	0.0
17	9	82	4	7.2	.88	.86	2.7	32.	1.5	1.	0.0
17	9	82	5	8.5	.72	.77	3.1	32.	2.1	1.	0.0
17	9	82	6	7.8	1.31	.88	2.2	28.	.7	4.	0.0
17	9	82	7	10.9	.86	.75	1.9	26.	.9	2.	0.0
17	9	82	8	14.1	.20	.62	.4	32.	2.5	1.	0.0
17	9	82	9	16.1	.05	.57	.4	1022.	2.3	2.	0.0
17	9	82	10	16.0	-.29	.63	1.4	13.	1.1	5.	0.0
17	9	82	11	17.4	-.25	.68	1.8	13.	1.2	2.	0.0
17	9	82	12	19.1	-.48	.66	2.6	1024.	2.1	18.	0.0
17	9	82	13	20.1	-.29	.61	3.1	25.	4.0	24.	0.0
17	9	82	14	21.7	-.45	.55	3.3	28.	4.0	26.	0.0
17	9	82	15	22.3	-.43	.48	3.6	28.	3.7	26.	0.0
17	9	82	16	21.8	-.31	.48	3.9	26.	3.6	24.	0.0
17	9	82	17	20.7	-.30	.53	3.3	23.	3.1	22.	0.0
17	9	82	18	18.2	.07	.67	2.7	21.	1.4	24.	0.0
17	9	82	19	16.3	.32	.78	2.7	21.	1.9	17.	0.0
17	9	82	20	15.7	.24	.78	2.1	23.	1.7	22.	0.0
17	9	82	21	14.1	.39	.84	1.1	33.	3.4	25.	0.0
17	9	82	22	14.8	.36	.78	2.0	31.	1.8	38.	0.0
17	9	82	23	13.2	.34	.85	1.3	26.	1.4	1.	0.0
17	9	82	24	12.6	.66	.90	1.3	1025.	1.5	1.	0.0
18	9	82	1	11.5	.56	.95	.9	1025.	1.5	1.	0.0
18	9	82	2	11.4	.51	.94	1.1	24.	2.0	1.	0.0
18	9	82	3	10.8	1.13	.97	1.2	15.	1.1	1.	0.0
18	9	82	4	10.0	.80	.97	1.0	22.	1.7	1.	0.0
18	9	82	5	9.6	.61	.97	1.2	14.	1.7	1.	0.0
18	9	82	6	9.4	.38	.97	1.0	17.	1.6	1.	0.0
18	9	82	7	10.1	.70	.96	.5	20.	1.7	1.	0.0
18	9	82	8	12.6	.14	.89	.4	14.	1.2	1.	0.0
18	9	82	9	14.7	-.38	.81	1.4	15.	.9	1.	0.0
18	9	82	10	15.4	-.58	.81	4.2	21.	2.6	17.	0.0
18	9	82	11	15.8	-.42	.80	2.8	19.	3.1	17.	0.0
18	9	82	12	16.4	-.37	.78	3.1	19.	3.3	17.	0.0
18	9	82	13	17.3	-.54	.77	3.1	19.	3.5	17.	0.0
18	9	82	14	17.6	-.56	.75	3.3	19.	4.0	18.	0.0
18	9	82	15	16.8	-.50	.78	3.3	20.	4.2	17.	0.0
18	9	82	16	15.6	-.36	.83	3.0	18.	3.5	17.	0.0
18	9	82	17	14.3	-.20	.88	3.2	19.	4.1	17.	0.0
18	9	82	18	13.3	-.06	.94	3.7	20.	2.8	18.	0.0
18	9	82	19	13.0	-.03	.94	2.5	19.	3.6	18.	0.0
18	9	82	20	12.8	-.03	.94	2.4	19.	3.8	17.	0.0
18	9	82	21	12.6	-.03	.92	2.4	19.	2.8	17.	0.0
18	9	82	22	12.5	-.00	.91	2.7	20.	2.5	18.	0.0
18	9	82	23	12.4	-.01	.90	2.1	20.	2.2	18.	0.0
18	9	82	24	12.2	-.00	.90	1.8	19.	2.0	17.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
19	9	82	1	12.0	0.00	.91	2.0	18.	2.5	17.	0.0
19	9	82	2	11.9	-.03	.91	2.4	18.	2.8	17.	0.0
19	9	82	3	11.9	-.02	.92	2.8	20.	3.0	17.	0.0
19	9	82	4	12.1	-.02	.96	2.7	17.	2.1	16.	0.0
19	9	82	5	12.5	-.00	.96	2.0	18.	1.7	14.	0.0
19	9	82	6	12.9	.01	.97	2.3	20.	2.0	16.	0.0
19	9	82	7	13.1	-.01	.96	2.2	23.	2.1	20.	0.0
19	9	82	8	13.3	-.04	.95	2.7	18.	2.5	17.	0.0
19	9	82	9	14.0	-.16	.91	2.6	21.	2.4	19.	0.0
19	9	82	10	15.3	-.30	.83	1.9	22.	2.5	21.	0.0
19	9	82	11	17.1	-.64	.75	2.9	20.	2.2	19.	0.0
19	9	82	12	17.0	-.44	.79	2.6	16.	2.3	16.	0.0
19	9	82	13	17.3	-.39	.79	2.9	19.	3.5	17.	0.0
19	9	82	14	16.5	-.20	.84	3.6	19.	3.1	17.	.2
19	9	82	15	15.7	-.08	.90	2.8	19.	2.1	18.	0.0
19	9	82	16	15.3	-.09	.93	1.6	13.	2.1	14.	.1
19	9	82	17	14.5	-.01	.96	1.7	15.	2.2	16.	.3
19	9	82	18	14.0	.01	.97	2.0	16.	2.2	16.	3.3
19	9	82	19	13.9	.00	.97	1.6	17.	2.1	16.	5.0
19	9	82	20	13.8	.04	.96	1.7	17.	1.7	15.	1.5
19	9	82	21	13.7	.01	.97	1.3	19.	1.7	16.	.5
19	9	82	22	13.7	.02	.97	1.2	16.	1.7	15.	.4
19	9	82	23	13.5	.06	.97	1.0	19.	1.6	15.	.7
19	9	82	24	13.5	.08	.97	.8	14.	1.6	15.	.6
20	9	82	1	13.2	.20	.96	.6	20.	1.1	18.	.1
20	9	82	2	13.0	.11	.96	1.3	20.	1.3	13.	0.0
20	9	82	3	12.7	.05	.96	1.5	20.	1.9	16.	.2
20	9	82	4	12.5	.01	.96	1.0	18.	1.8	15.	0.0
20	9	82	5	12.5	.07	.96	.6	15.	1.4	15.	0.0
20	9	82	6	12.6	.11	.96	1.0	11.	1.1	11.	0.0
20	9	82	7	12.7	.08	.96	1.4	12.	1.2	12.	0.0
20	9	82	8	13.1	.01	.96	2.2	14.	1.7	13.	0.0
20	9	82	9	13.2	0.00	.96	2.9	15.	2.5	14.	0.0
20	9	82	10	13.5	-.02	.96	3.4	14.	2.4	13.	0.0
20	9	82	11	13.5	-.00	.96	3.8	13.	2.8	14.	.2
20	9	82	12	13.5	0.00	.96	4.0	14.	2.8	14.	.9
20	9	82	13	13.6	-.00	.96	5.6	14.	4.7	13.	0.0
20	9	82	14	13.9	.00	.96	5.5	15.	5.5	15.	0.0
20	9	82	15	14.3	0.00	.96	5.4	19.	3.7	18.	0.0
20	9	82	16	14.7	-.00	.96	4.7	19.	3.2	20.	0.0
20	9	82	17	14.8	0.00	.96	4.1	20.	3.1	18.	.8
20	9	82	18	14.8	.02	.96	3.4	19.	3.3	17.	1.0
20	9	82	19	14.3	.01	.96	3.8	15.	2.9	14.	1.2
20	9	82	20	14.7	.03	.96	4.5	17.	3.9	17.	1.2
20	9	82	21	15.0	.02	.96	4.9	19.	3.8	18.	1.2
20	9	82	22	15.1	.03	.96	6.0	20.	3.8	19.	.9
20	9	82	23	15.1	.06	.94	6.1	20.	3.9	19.	0.0
20	9	82	24	15.0	.02	.93	6.6	19.	4.8	19.	0.0
21	9	82	1	14.8	.01	.92	6.5	21.	4.8	20.	0.0
21	9	82	2	14.7	.02	.92	6.7	21.	4.3	20.	1.3
21	9	82	3	14.7	.02	.93	6.9	21.	5.0	20.	6.1
21	9	82	4	14.2	.08	.92	6.3	21.	4.3	19.	8.4
21	9	82	5	13.7	.08	.92	4.8	20.	4.0	19.	1.5
21	9	82	6	12.6	.06	.81	5.4	21.	4.1	20.	.8
21	9	82	7	10.9	.03	.71	4.4	23.	3.8	21.	.9
21	9	82	8	10.5	-.03	.75	4.0	23.	3.9	21.	.3
21	9	82	9	10.7	-.07	.75	4.6	22.	3.2	21.	.3
21	9	82	10	11.2	-.12	.69	4.5	22.	3.9	21.	0.0
21	9	82	11	11.0	-.14	.64	5.2	22.	5.1	21.	0.0
21	9	82	12	10.5	-.18	.74	4.5	21.	3.7	21.	0.0
21	9	82	13	10.6	-.21	.76	4.0	21.	3.3	21.	0.0
21	9	82	14	10.3	-.16	.77	4.0	21.	3.2	20.	0.0
21	9	82	15	9.9	-.06	.83	3.7	22.	3.3	21.	0.0
21	9	82	16	9.1	0.00	.91	2.6	21.	2.4	20.	0.0
21	9	82	17	8.7	0.00	.93	2.2	19.	2.1	18.	0.0
21	9	82	18	8.2	.04	.94	1.2	18.	1.7	15.	0.0
21	9	82	19	8.0	.13	.95	1.1	1027.	1.4	38.	0.0
21	9	82	20	8.0	.05	.95	1.3	31.	1.4	25.	.3
21	9	82	21	7.3	.19	.92	2.5	31.	1.9	27.	.2
21	9	82	22	7.2	.14	.93	1.1	27.	1.6	22.	.2
21	9	82	23	7.1	.25	.92	1.2	24.	2.8	24.	1.5
21	9	82	24	7.2	.17	.88	3.6	22.	3.4	22.	.3

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
22	9	82	1	7.3	.11	.88	3.2	22.	2.5	20.	0.0
22	9	82	2	7.2	.11	.91	1.7	17.	2.2	21.	.3
22	9	82	3	7.3	.13	.88	2.4	23.	1.9	22.	0.0
22	9	82	4	7.8	.16	.81	3.5	24.	2.6	23.	0.0
22	9	82	5	7.6	.16	.80	4.3	23.	2.8	22.	0.0
22	9	82	6	7.1	.16	.83	3.7	23.	2.3	21.	0.0
22	9	82	7	8.2	-.06	.78	4.7	22.	3.1	20.	0.0
22	9	82	8	9.5	-.24	.72	4.9	23.	3.6	21.	0.0
22	9	82	9	11.3	-.33	.62	4.4	24.	4.3	23.	0.0
22	9	82	10	13.0	-.40	.54	4.5	25.	5.5	24.	0.0
22	9	82	11	12.1	-.22	.54	5.4	25.	6.4	24.	0.0
22	9	82	12	12.4	-.22	.54	4.4	26.	5.5	24.	0.0
22	9	82	13	11.9	-.08	.53	5.1	28.	7.0	25.	0.0
22	9	82	14	12.6	-.17	.52	5.2	28.	5.3	26.	0.0
22	9	82	15	13.2	-.20	.50	4.9	29.	5.2	26.	0.0
22	9	82	16	13.1	-.10	.49	4.6	29.	4.5	27.	0.0
22	9	82	17	13.2	-.19	.41	6.1	30.	5.3	27.	0.0
22	9	82	18	11.6	.03	.45	4.8	30.	5.3	27.	0.0
22	9	82	19	10.2	.08	.49	5.2	28.	6.0	27.	0.0
22	9	82	20	9.1	.13	.51	4.3	29.	4.3	27.	0.0
22	9	82	21	8.4	.11	.53	3.9	30.	5.4	27.	0.0
22	9	82	22	7.7	.22	.54	3.8	31.	3.3	28.	0.0
22	9	82	23	7.2	.18	.55	4.0	31.	3.9	27.	0.0
22	9	82	24	6.4	.29	.58	3.1	31.	2.2	30.	0.0
23	9	82	1	6.2	.21	.57	4.0	31.	3.2	28.	0.0
23	9	82	2	5.1	.27	.62	2.5	32.	4.0	29.	0.0
23	9	82	3	3.8	.51	.67	2.0	32.	1.9	31.	0.0
23	9	82	4	4.2	.46	.69	2.3	31.	1.5	27.	0.0
23	9	82	5	3.8	.49	.73	2.3	32.	1.1	1.	0.0
23	9	82	6	3.4	.46	.85	1.4	30.	.8	1.	0.0
23	9	82	7	5.1	.12	.78	.4	14.	1.2	2.	0.0
23	9	82	8	8.4	-.47	.56	.4	18.	.7	9.	0.0
23	9	82	9	9.9	-.27	.50	.9	29.	.9	3.	0.0
23	9	82	10	11.2	-.46	.45	1.0	29.	1.4	38.	0.0
23	9	82	11	11.6	-.74	.42	1.1	14.	1.3	20.	0.0
23	9	82	12	10.7	-.39	.45	3.3	12.	1.4	15.	0.0
23	9	82	13	11.7	-.47	.45	2.9	18.	2.1	13.	0.0
23	9	82	14	13.0	-.86	.43	3.7	19.	2.4	17.	0.0
23	9	82	15	12.4	-.61	.48	3.3	19.	4.0	17.	0.0
23	9	82	16	11.7	-.50	.52	3.2	20.	3.2	18.	0.0
23	9	82	17	10.5	-.30	.58	3.0	20.	3.3	18.	0.0
23	9	82	18	9.0	.13	.70	2.0	17.	1.9	16.	0.0
23	9	82	19	8.4	.35	.75	2.2	17.	1.6	15.	0.0
23	9	82	20	8.6	.33	.74	2.7	16.	1.4	15.	0.0
23	9	82	21	8.6	.26	.79	2.4	13.	.8	6.	0.0
23	9	82	22	9.1	.29	.83	3.1	14.	1.3	10.	0.0
23	9	82	23	10.8	.08	.75	3.8	16.	2.1	14.	0.0
23	9	82	24	11.1	.06	.77	3.9	17.	2.9	16.	0.0
24	9	82	1	11.1	.06	.74	3.9	17.	3.1	16.	0.0
24	9	82	2	10.9	.06	.75	3.8	17.	2.9	17.	0.0
24	9	82	3	10.9	.05	.78	3.3	18.	2.9	17.	0.0
24	9	82	4	11.1	.03	.84	3.5	16.	2.5	17.	0.0
24	9	82	5	11.1	.03	.86	3.7	17.	3.0	16.	0.0
24	9	82	6	11.1	.04	.89	3.9	17.	2.5	16.	0.0
24	9	82	7	11.5	.02	.89	4.0	16.	2.9	15.	0.0
24	9	82	8	11.5	.03	.92	5.0	16.	3.7	15.	0.0
24	9	82	9	11.5	.03	.93	5.1	16.	4.5	15.	0.0
24	9	82	10	10.7	.04	.92	4.6	16.	3.7	15.	0.0
24	9	82	11	11.1	-.04	.94	4.0	16.	3.0	15.	0.0
24	9	82	12	11.8	-.13	.93	3.8	17.	3.0	15.	0.0
24	9	82	13	12.0	-.15	.90	3.4	16.	2.9	16.	0.0
24	9	82	14	11.5	-.07	.87	3.0	16.	2.6	16.	0.0
24	9	82	15	11.3	.01	.93	2.7	17.	2.2	15.	0.0
24	9	82	16	11.7	.00	.93	2.9	18.	1.7	15.	0.0
24	9	82	17	11.9	-.00	.92	2.3	18.	2.0	16.	0.0
24	9	82	18	11.7	.03	.92	2.4	17.	1.8	15.	0.0
24	9	82	19	11.4	.08	.94	2.4	19.	1.7	15.	0.0
24	9	82	20	10.8	.10	.95	1.8	1022.	1.7	20.	0.0
24	9	82	21	10.1	.02	.95	1.3	31.	1.4	3.	0.0
24	9	82	22	9.0	.24	.95	1.7	30.	1.1	38.	0.0
24	9	82	23	8.4	.39	.95	1.7	32.	1.4	27.	0.0
24	9	82	24	8.2	.21	.95	1.2	1033.	1.4	4.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	F-TA
25	9	82	1	8.1	.18	.95	1.0	1.	1.2	2.	1.5
25	9	82	2	8.5	.05	.95	1.1	33.	1.5	1.	4.0
25	9	82	3	8.4	.00	.95	2.0	33.	1.6	1.	.1
25	9	82	4	8.1	-.01	.95	1.3	1.	2.4	2.	0.0
25	9	82	5	7.8	-.01	.95	1.0	35.	2.1	1.	.1
25	9	82	6	7.7	.08	.95	1.2	2.	2.3	2.	.2
25	9	82	7	8.0	.08	.95	1.5	34.	2.6	1.	.2
25	9	82	8	8.9	.05	.95	.8	35.	2.3	2.	0.0
25	9	82	9	10.0	.03	.95	.8	1002.	1.9	1.	0.0
25	9	82	10	10.9	.01	.95	2.1	11.	2.5	2.	0.0
25	9	82	11	11.1	-.03	.95	3.2	10.	2.8	7.	0.0
25	9	82	12	11.3	-.03	.93	3.1	10.	2.7	7.	.7
25	9	82	13	11.8	-.07	.90	3.6	10.	2.6	6.	11.0
25	9	82	14	12.1	-.07	.89	3.9	9.	3.2	7.	1.5
25	9	82	15	12.5	-.02	.86	4.1	10.	2.9	6.	.8
25	9	82	16	13.1	-.03	.82	4.5	11.	2.9	8.	0.0
25	9	82	17	12.6	.06	.89	4.1	10.	2.8	8.	0.0
25	9	82	18	12.8	.11	.90	4.1	13.	3.1	9.	0.0
25	9	82	19	12.5	.18	.92	3.6	13.	2.5	9.	0.0
25	9	82	20	12.6	.19	.93	3.1	14.	1.9	11.	.2
25	9	82	21	13.0	.14	.90	4.0	13.	2.5	12.	.8
25	9	82	22	13.3	.08	.84	4.9	14.	4.3	14.	.1
25	9	82	23	12.9	.02	.86	4.8	14.	4.4	15.	1.1
25	9	82	24	12.0	.01	.93	5.0	14.	4.9	14.	1.1
26	9	82	1	11.5	.01	.94	4.0	13.	3.7	12.	0.0
26	9	82	2	11.3	.04	.94	3.6	11.	2.7	9.	.1
26	9	82	3	11.4	.11	.90	4.2	11.	2.4	9.	0.0
26	9	82	4	11.5	.06	.90	4.4	11.	3.4	7.	0.0
26	9	82	5	11.2	.04	.91	4.3	10.	3.7	7.	0.0
26	9	82	6	10.7	.05	.94	4.1	9.	4.3	7.	0.0
26	9	82	7	10.6	.02	.94	3.8	10.	4.1	6.	0.0
26	9	82	8	10.4	.01	.94	3.4	9.	5.2	5.	0.0
26	9	82	9	10.6	.01	.93	3.7	9.	4.0	6.	0.0
26	9	82	10	11.1	-.01	.90	3.6	10.	4.7	5.	0.0
26	9	82	11	11.3	.02	.90	4.3	9.	4.6	4.	0.0
26	9	82	12	11.6	.03	.90	3.2	10.	3.9	4.	0.0
26	9	82	13	11.8	.09	.90	5.1	8.	5.0	4.	0.0
26	9	82	14	12.7	-.01	.85	4.3	9.	5.0	4.	0.0
26	9	82	15	12.9	0.00	.84	4.7	9.	5.7	7.	0.0
26	9	82	16	13.2	.05	.83	6.1	10.	7.1	7.	0.0
26	9	82	17	12.8	.11	.90	6.5	11.	6.0	9.	0.0
26	9	82	18	13.5	.11	.89	7.1	12.	5.5	10.	0.0
26	9	82	19	13.4	.07	.92	7.5	14.	6.7	13.	0.0
26	9	82	20	13.2	.03	.94	7.3	14.	6.7	14.	0.0
26	9	82	21	13.0	.02	.94	6.4	15.	7.3	14.	0.0
26	9	82	22	12.8	.01	.94	6.6	15.	6.4	15.	0.0
26	9	82	23	12.7	.00	.94	5.9	17.	5.6	16.	0.0
26	9	82	24	12.5	.05	.94	2.7	21.	2.7	18.	0.0
27	9	82	1	11.9	.07	.93	2.0	21.	2.0	20.	0.0
27	9	82	2	11.4	.13	.94	2.0	17.	1.7	15.	0.0
27	9	82	3	11.7	.08	.94	2.4	17.	1.8	16.	0.0
27	9	82	4	11.8	.05	.94	3.1	16.	2.1	16.	0.0
27	9	82	5	12.0	.05	.94	3.1	17.	2.6	17.	0.0
27	9	82	6	12.2	.05	.94	3.3	19.	3.3	17.	0.0
27	9	82	7	12.6	.03	.93	3.6	19.	3.0	18.	.1
27	9	82	8	13.0	-.00	.91	4.1	21.	2.6	18.	.2
27	9	82	9	14.0	-.19	.87	4.4	19.	3.0	18.	.3
27	9	82	10	15.6	-.51	.76	5.1	21.	3.5	20.	2.0
27	9	82	11	15.9	-.57	.71	5.6	20.	3.5	23.	1.3
27	9	82	12	16.3	-.65	.69	5.2	19.	2.7	21.	0.0
27	9	82	13	16.0	-.52	.74	3.8	18.	4.7	17.	0.0
27	9	82	14	15.5	-.48	.78	4.2	18.	4.7	17.	0.0
27	9	82	15	15.7	-.50	.74	4.7	19.	5.1	17.	0.0
27	9	82	16	15.1	-.37	.75	3.8	19.	4.2	17.	0.0
27	9	82	17	13.8	-.19	.82	3.2	18.	3.6	17.	0.0
27	9	82	18	12.2	.14	.89	2.2	17.	2.0	15.	0.0
27	9	82	19	11.5	.23	.94	2.3	15.	2.3	15.	0.0
27	9	82	20	11.5	.29	.93	2.5	15.	1.6	15.	0.0
27	9	82	21	11.2	.36	.94	3.0	12.	1.3	38.	0.0
27	9	82	22	11.2	.34	.94	3.1	12.	.9	3.	0.0
27	9	82	23	11.8	.11	.94	2.4	13.	1.7	14.	0.0
27	9	82	24	12.6	.01	.96	3.0	18.	2.4	16.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
28	9	82	1	12.6	.00	.95	2.5	18.	1.7	16.	0.0
28	9	82	2	12.3	.00	.95	2.8	15.	2.0	15.	0.0
28	9	82	3	12.2	0.00	.95	3.5	13.	2.3	14.	0.0
28	9	82	4	12.3	-.00	.95	4.2	13.	3.1	14.	0.0
28	9	82	5	12.6	-.00	.94	5.0	13.	4.5	14.	0.0
28	9	82	6	12.7	0.00	.93	5.4	15.	4.7	15.	0.0
28	9	82	7	12.2	.00	.94	4.7	17.	4.2	16.	0.0
28	9	82	8	11.7	-.01	.94	3.9	16.	3.7	16.	0.0
28	9	82	9	11.8	-.04	.94	3.3	19.	3.0	16.	0.0
28	9	82	10	11.9	-.04	.94	3.0	17.	3.0	17.	0.0
28	9	82	11	12.2	-.05	.92	3.5	17.	3.5	17.	0.0
28	9	82	12	13.4	-.26	.88	3.1	18.	3.3	17.	0.0
28	9	82	13	15.4	-.54	.79	3.0	17.	3.4	17.	0.0
28	9	82	14	15.4	-.47	.77	3.6	18.	3.8	17.	99.0
28	9	82	15	15.7	-.56	.70	4.1	20.	3.6	17.	99.0
28	9	82	16	15.2	-.41	.76	2.9	19.	3.5	17.	99.0
28	9	82	17	14.0	-.27	.78	2.5	18.	2.4	16.	99.0
28	9	82	18	12.2	.07	.89	2.3	15.	2.2	14.	.2
28	9	82	19	11.4	.17	.94	2.7	18.	1.9	15.	5.0
28	9	82	20	11.1	.24	.94	2.8	18.	2.0	16.	3.0
28	9	82	21	11.0	.26	.94	2.4	19.	1.6	16.	1.0
28	9	82	22	11.0	.24	.94	1.7	19.	1.3	16.	3.8
28	9	82	23	10.7	.31	.94	1.4	19.	.8	7.	2.0
28	9	82	24	9.9	.37	.94	1.0	18.	.8	4.	.7
29	9	82	1	9.8	.34	.94	1.5	11.	1.2	4.	.4
29	9	82	2	9.8	.33	.94	2.0	11.	1.2	4.	0.0
29	9	82	3	10.1	.45	.94	2.9	12.	1.2	2.	0.0
29	9	82	4	10.3	.43	.94	3.1	13.	0.0	37.	.3
29	9	82	5	11.0	.27	.94	3.3	13.	0.0	37.	.9
29	9	82	6	11.7	.13	.94	2.8	15.	2.1	13.	.3
29	9	82	7	12.0	.03	.93	3.3	16.	1.9	16.	.4
29	9	82	8	12.3	-.00	.93	2.3	17.	1.9	17.	0.0
29	9	82	9	12.7	-.09	.92	2.3	17.	1.8	16.	1.1
29	9	82	10	13.2	-.19	.89	2.9	17.	2.7	17.	1.0
29	9	82	11	14.0	-.34	.85	2.8	17.	2.5	16.	.7
29	9	82	12	14.2	-.31	.82	3.4	18.	3.2	17.	1.0
29	9	82	13	13.5	-.16	.81	3.8	17.	2.9	17.	0.0
29	9	82	14	13.4	-.09	.80	4.0	15.	3.0	16.	0.0
29	9	82	15	13.1	-.01	.86	4.2	18.	3.4	17.	0.0
29	9	82	16	13.4	-.04	.87	3.3	18.	3.6	17.	.8
29	9	82	17	13.0	.01	.90	2.9	18.	3.2	17.	.4
29	9	82	18	12.3	.07	.94	1.5	18.	1.9	17.	0.0
29	9	82	19	12.5	.10	.94	2.2	18.	1.5	15.	0.0
29	9	82	20	12.6	.03	.94	2.2	18.	1.7	16.	0.0
29	9	82	21	12.6	.08	.94	2.4	16.	1.6	15.	.4
29	9	82	22	12.7	.06	.94	2.5	16.	2.2	15.	.1
29	9	82	23	12.6	.07	.94	2.7	15.	2.3	15.	.3
29	9	82	24	12.6	.10	.93	3.9	14.	2.5	15.	.4
30	9	82	1	12.6	.03	.93	2.0	1018.	2.0	20.	0.0
30	9	82	2	12.1	.19	.94	1.8	13.	1.6	3.	0.0
30	9	82	3	12.3	.13	.94	2.9	14.	1.4	13.	0.0
30	9	82	4	12.4	.11	.94	2.1	16.	1.6	8.	0.0
30	9	82	5	12.4	.09	.94	1.7	13.	1.2	10.	0.0
30	9	82	6	12.5	.03	.94	3.2	12.	1.7	13.	0.0
30	9	82	7	12.5	.00	.94	4.0	12.	2.8	12.	0.0
30	9	82	8	12.7	.01	.94	4.4	13.	3.5	14.	0.0
30	9	82	9	12.8	.03	.93	4.7	13.	4.1	14.	0.0
30	9	82	10	13.0	.03	.92	4.4	15.	3.2	15.	0.0
30	9	82	11	13.0	.01	.92	4.6	16.	3.0	16.	0.0
30	9	82	12	13.1	.02	.92	5.2	16.	3.2	16.	0.0
30	9	82	13	13.1	-.02	.90	4.8	16.	3.6	16.	0.0
30	9	82	14	12.8	0.00	.92	4.5	17.	3.9	16.	0.0
30	9	82	15	11.4	-.05	.92	3.4	26.	3.7	20.	0.0
30	9	82	16	10.7	0.00	.92	1.1	21.	1.2	20.	0.0
30	9	82	17	12.1	-.39	.87	1.5	21.	1.6	20.	0.0
30	9	82	18	10.0	.08	.92	1.2	25.	2.2	25.	0.0
30	9	82	19	9.2	.18	.94	1.9	28.	1.9	26.	0.0
30	9	82	20	8.8	.13	.94	1.5	31.	2.2	26.	0.0
30	9	82	21	8.0	.21	.94	2.1	32.	1.4	2.	0.0
30	9	82	22	6.9	.48	.94	2.0	32.	1.2	1.	0.0
30	9	82	23	6.6	.27	.94	2.3	31.	1.2	1.	0.0
30	9	82	24	6.7	.05	.94	3.0	32.	2.0	2.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
1	10	82	1	6.1	-.02	.95	2.0	34.	2.4	1.	0.0
1	10	82	2	5.7	.13	.95	2.5	34.	2.1	1.	0.0
1	10	82	3	5.6	.22	.95	3.2	32.	1.5	1.	0.0
1	10	82	4	4.9	.26	.95	2.8	34.	1.7	1.	0.0
1	10	82	5	4.7	.26	.95	2.8	34.	2.1	1.	.3
1	10	82	6	4.4	.36	.95	2.9	33.	1.9	1.	1.8
1	10	82	7	4.8	.26	.95	2.9	34.	2.1	1.	3.0
1	10	82	8	6.1	-.10	.94	2.9	33.	2.3	1.	.2
1	10	82	9	8.3	-.47	.88	2.3	34.	2.8	2.	.3
1	10	82	10	10.8	-.86	.82	1.8	33.	2.7	2.	0.0
1	10	82	11	11.6	-.92	.78	2.2	33.	1.9	2.	0.0
1	10	82	12	12.5	-.56	.74	1.6	35.	99.0	99.	0.0
1	10	82	13	13.1	-.51	.71	1.7	33.	2.7	1.	0.0
1	10	82	14	14.7	-.52	.60	1.5	2.	2.1	1.	0.0
1	10	82	15	13.4	-.16	.64	1.0	7.	2.0	1.	0.0
1	10	82	16	12.4	-.02	.75	.9	1012.	1.8	1.	0.0
1	10	82	17	11.8	.03	.74	2.1	8.	2.4	6.	0.0
1	10	82	18	11.3	.07	.73	1.5	6.	2.0	3.	0.0
1	10	82	19	10.8	.17	.77	1.7	5.	1.5	2.	0.0
1	10	82	20	11.2	.07	.79	1.6	6.	2.5	3.	0.0
1	10	82	21	11.1	.11	.83	1.9	1005.	2.1	3.	0.0
1	10	82	22	11.4	.05	.87	2.4	9.	3.3	4.	0.0
1	10	82	23	11.4	.07	.90	1.8	10.	2.1	4.	0.0
1	10	82	24	11.3	.07	.92	3.2	11.	1.9	3.	0.0
2	10	82	1	11.4	.03	.92	3.3	11.	2.3	5.	0.0
2	10	82	2	11.5	.05	.93	3.4	12.	1.9	3.	0.0
2	10	82	3	11.7	.03	.95	3.0	11.	1.6	4.	0.0
2	10	82	4	11.8	-.01	.96	2.7	10.	1.9	4.	0.0
2	10	82	5	11.6	-.00	.96	2.7	10.	1.6	4.	0.0
2	10	82	6	11.6	.02	.96	1.8	10.	1.7	1.	0.0
2	10	82	7	11.7	.04	.96	1.6	11.	2.1	1.	0.0
2	10	82	8	11.8	.07	.96	1.2	12.	1.3	3.	0.0
2	10	82	9	12.2	.02	.96	1.4	14.	1.0	11.	0.0
2	10	82	10	12.5	-.06	.96	1.0	16.	1.5	14.	0.0
2	10	82	11	13.0	-.16	.95	1.3	16.	1.6	14.	0.0
2	10	82	12	13.4	-.19	.89	1.9	18.	1.8	15.	0.0
2	10	82	13	14.2	-.30	.85	1.7	16.	2.1	16.	0.0
2	10	82	14	14.9	-.39	.78	2.4	18.	2.3	16.	0.0
2	10	82	15	15.1	-.52	.68	3.3	20.	3.1	16.	0.0
2	10	82	16	13.6	-.29	.79	2.5	17.	3.5	16.	0.0
2	10	82	17	12.0	-.13	.89	2.2	18.	2.3	15.	0.0
2	10	82	18	10.8	.11	.91	2.3	17.	2.5	16.	0.8
2	10	82	19	10.7	.08	.87	2.0	16.	2.1	14.	0.0
2	10	82	20	10.4	.13	.87	1.7	17.	1.8	13.	0.0
2	10	82	21	9.9	.25	.92	1.1	12.	1.4	9.	0.0
2	10	82	22	9.3	.46	.95	1.2	8.	1.9	2.	0.0
2	10	82	23	9.6	.42	.94	1.2	6.	2.0	1.	0.0
2	10	82	24	9.8	.32	.94	1.4	34.	1.8	1.	0.0
3	10	82	1	9.9	.17	.95	1.4	0.	2.1	1.	0.0
3	10	82	2	10.2	.14	.94	1.4	3.	2.5	1.	0.0
3	10	82	3	10.3	.02	.96	1.1	8.	2.8	1.	0.0
3	10	82	4	10.6	.04	.97	1.4	10.	2.3	1.	0.0
3	10	82	5	10.8	.07	.96	.9	8.	2.5	1.	0.0
3	10	82	6	11.0	.05	.96	1.1	11.	2.5	1.	0.0
3	10	82	7	11.1	-.02	.96	2.6	11.	2.1	5.	.1
3	10	82	8	11.0	-.00	.96	3.3	10.	2.5	8.	.1
3	10	82	9	11.0	-.03	.96	3.4	11.	2.8	9.	0.0
3	10	82	10	10.6	-.04	.96	3.8	11.	2.5	8.	0.0
3	10	82	11	10.7	-.05	.95	3.6	11.	2.2	8.	0.0
3	10	82	12	11.2	-.05	.93	3.4	12.	2.8	8.	0.0
3	10	82	13	11.5	-.05	.92	3.2	12.	2.3	6.	0.0
3	10	82	14	11.6	-.05	.91	3.0	12.	2.6	5.	0.0
3	10	82	15	11.8	-.05	.90	3.2	11.	1.4	6.	0.0
3	10	82	16	11.8	-.04	.88	2.6	11.	2.2	5.	0.0
3	10	82	17	11.8	-.00	.88	2.7	11.	2.3	4.	0.0
3	10	82	18	12.0	.03	.87	2.7	11.	2.4	8.	0.0
3	10	82	19	11.9	.12	.87	3.2	12.	2.5	1.	0.0
3	10	82	20	11.8	.25	.87	3.0	14.	2.6	1.	0.0
3	10	82	21	11.4	.21	.88	3.0	12.	2.7	38.	0.0
3	10	82	22	10.5	.23	.91	3.9	10.	1.9	9.	0.0
3	10	82	23	10.0	.40	.94	3.1	11.	2.0	9.	0.0
3	10	82	24	10.2	.35	.95	2.9	11.	2.8	9.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
4	10	82	1	10.8	.18	.94	3.0	12.	2.1	8.	0.0
4	10	82	2	11.3	.11	.93	2.6	14.	2.2	8.	0.0
4	10	82	3	11.3	.02	.93	2.4	12.	4.8	9.	0.0
4	10	82	4	11.1	.06	.93	2.4	11.	99.0	10.	0.0
4	10	82	5	11.1	.03	.93	2.5	11.	99.0	99.	0.0
4	10	82	6	11.4	.02	.92	3.4	12.	99.0	99.	0.0
4	10	82	7	11.3	.01	.91	3.1	12.	99.0	99.	0.0
4	10	82	8	11.5	-.01	.89	3.3	13.	99.0	99.	0.0
4	10	82	9	11.5	-.06	.84	3.6	14.	99.0	99.	0.0
4	10	82	10	11.7	-.12	.84	3.8	13.	99.0	99.	0.0
4	10	82	11	12.0	-.18	.81	4.0	13.	99.0	99.	0.0
4	10	82	12	12.0	-.22	.77	4.7	14.	99.0	99.	0.0
4	10	82	13	11.9	-.22	.72	4.7	14.	99.0	99.	0.0
4	10	82	14	11.6	-.15	.74	4.1	13.	99.0	99.	0.0
4	10	82	15	11.4	-.07	.79	4.5	13.	99.0	99.	0.0
4	10	82	16	11.3	-.05	.79	3.9	13.	99.0	99.	0.0
4	10	82	17	11.3	-.01	.76	3.4	14.	99.0	99.	0.0
4	10	82	18	11.2	.05	.74	3.2	14.	99.0	99.	0.0
4	10	82	19	11.1	.07	.69	2.6	14.	99.0	99.	0.0
4	10	82	20	10.5	.15	.73	1.7	13.	99.0	99.	0.0
4	10	82	21	10.0	.19	.77	2.0	9.	99.0	99.	0.0
4	10	82	22	9.9	.10	.77	2.4	6.	99.0	99.	0.0
4	10	82	23	10.0	.03	.81	3.3	6.	99.0	99.	0.0
4	10	82	24	9.9	.01	.85	3.7	6.	99.0	99.	0.0
5	10	82	1	9.6	.03	.86	3.0	9.	99.0	99.	0.0
5	10	82	2	9.4	.03	.86	3.1	9.	99.0	99.	0.0
5	10	82	3	8.9	.03	.80	3.6	11.	99.0	99.	0.0
5	10	82	4	8.5	.02	.71	3.4	10.	99.0	99.	0.0
5	10	82	5	8.2	.04	.68	2.6	10.	99.0	99.	0.0
5	10	82	6	7.9	.08	.73	2.0	8.	99.0	99.	0.0
5	10	82	7	7.8	.01	.72	3.6	7.	99.0	99.	0.0
5	10	82	8	7.8	-.04	.70	3.2	6.	99.0	99.	0.0
5	10	82	9	8.1	-.05	.71	3.9	7.	99.0	99.	0.0
5	10	82	10	8.6	-.10	.71	3.8	5.	99.0	99.	0.0
5	10	82	11	8.9	-.11	.72	4.7	5.	99.0	99.	0.0
5	10	82	12	9.3	-.12	.73	4.4	5.	99.0	99.	0.0
5	10	82	13	9.5	-.11	.74	3.7	4.	99.0	99.	0.0
5	10	82	14	9.5	-.04	.75	3.6	6.	99.0	99.	0.0
5	10	82	15	9.4	-.03	.75	4.5	5.	99.0	99.	0.0
5	10	82	16	9.2	.03	.78	4.7	5.	99.0	99.	.1
5	10	82	17	9.1	.02	.81	4.0	4.	99.0	99.	0.0
5	10	82	18	9.6	-.02	.80	3.2	3.	99.0	99.	0.0
5	10	82	19	9.8	-.01	.80	2.7	3.	99.0	99.	0.0
5	10	82	20	10.0	.03	.80	2.6	5.	99.0	99.	0.0
5	10	82	21	9.8	.06	.82	1.4	2.	99.0	99.	0.0
5	10	82	22	9.9	.04	.82	2.4	2.	99.0	99.	0.0
5	10	82	23	9.9	.04	.82	3.6	4.	99.0	99.	0.0
5	10	82	24	9.7	.00	.82	4.4	4.	99.0	99.	0.0
6	10	82	1	9.5	-.01	.83	3.8	3.	99.0	99.	0.0
6	10	82	2	9.4	-.00	.84	4.0	3.	99.0	99.	0.0
6	10	82	3	9.3	.02	.86	4.2	3.	99.0	99.	0.0
6	10	82	4	9.4	-.00	.86	4.3	4.	99.0	99.	0.0
6	10	82	5	9.4	-.01	.87	4.2	2.	99.0	99.	0.0
6	10	82	6	9.4	-.01	.89	3.2	2.	99.0	99.	0.0
6	10	82	7	9.5	-.04	.90	3.6	1.	99.0	99.	0.0
6	10	82	8	9.5	-.04	.89	3.5	3.	99.0	99.	0.0
6	10	82	9	9.6	-.05	.88	3.6	3.	99.0	99.	0.0
6	10	82	10	9.3	-.03	.91	4.2	2.	99.0	99.	0.0
6	10	82	11	9.0	.00	.95	4.8	3.	99.0	99.	0.0
6	10	82	12	9.2	-.02	.95	3.9	2003.	99.0	99.	.6
6	10	82	13	99.0	99.00	99.00	99.0	99.	99.0	99.	.5
6	10	82	14	9.7	-.04	99.00	99.0	3.	99.0	99.	.5
6	10	82	15	9.8	-.05	.91	4.5	4.	99.0	99.	.2
6	10	82	16	10.0	-.04	.88	4.1	4.	99.0	99.	0.0
6	10	82	17	9.9	-.01	.87	3.5	2.	99.0	99.	0.0
6	10	82	18	9.8	.00	.88	3.5	2.	99.0	99.	0.0
6	10	82	19	9.8	.01	.88	3.7	3.	99.0	99.	0.0
6	10	82	20	9.7	.03	.90	3.4	3.	99.0	99.	0.0
6	10	82	21	9.9	.02	.90	3.0	3.	99.0	99.	.2
6	10	82	22	10.4	.03	.85	2.9	4.	99.0	99.	0.0
6	10	82	23	10.6	.02	.82	3.3	4.	99.0	99.	0.0
6	10	82	24	10.3	.05	.85	4.5	4.	99.0	99.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
7	10	82	1	10.3	.04	.84	4.3	4.	99.0	99.	.2
7	10	82	2	10.1	.02	.85	4.1	3.	99.0	99.	0.0
7	10	82	3	10.0	.03	.84	3.6	4.	99.0	99.	0.0
7	10	82	4	9.8	.05	.85	4.5	4.	99.0	99.	.1
7	10	82	5	9.9	.03	.82	5.0	4.	99.0	99.	.2
7	10	82	6	10.1	.01	.79	4.9	3.	99.0	99.	0.0
7	10	82	7	10.2	0.00	.77	4.8	4.	99.0	99.	0.0
7	10	82	8	10.3	-.00	.76	4.7	4.	99.0	99.	0.0
7	10	82	9	10.5	-.04	.74	5.3	4.	99.0	99.	0.0
7	10	82	10	10.5	-.03	.72	6.0	4.	99.0	99.	0.0
7	10	82	11	10.4	-.03	.69	6.0	5.	99.0	99.	0.0
7	10	82	12	10.3	-.04	.67	6.2	4.	99.0	99.	0.0
7	10	82	13	10.2	-.04	.67	5.4	3.	99.0	99.	0.0
7	10	82	14	10.5	-.03	.65	5.8	4.	99.0	99.	0.0
7	10	82	15	10.6	-.03	.65	5.2	4.	99.0	99.	0.0
7	10	82	16	10.7	-.03	.65	5.4	4.	99.0	99.	0.0
7	10	82	17	10.5	.02	.66	5.7	3.	99.0	99.	0.0
7	10	82	18	10.4	.02	.66	6.2	5.	99.0	99.	0.0
7	10	82	19	10.1	0.00	.67	7.0	5.	99.0	99.	0.0
7	10	82	20	9.4	-.01	.69	6.6	4.	99.0	99.	0.0
7	10	82	21	8.8	-.03	.72	6.2	3.	99.0	99.	0.0
7	10	82	22	8.1	-.03	.77	5.6	3.	99.0	99.	0.0
7	10	82	23	8.1	-.03	.76	6.4	3.	99.0	99.	0.0
7	10	82	24	7.7	-.03	.80	6.4	4.	99.0	99.	0.0
8	10	82	1	7.6	-.05	.81	6.4	4.	99.0	99.	0.0
8	10	82	2	7.5	-.02	.83	6.0	4.	99.0	99.	0.0
8	10	82	3	6.7	.05	.91	5.5	4.	99.0	99.	.4
8	10	82	4	6.6	.07	.93	5.1	3.	99.0	99.	3.0
8	10	82	5	6.5	.04	.93	4.9	3.	99.0	99.	1.0
8	10	82	6	6.6	.06	.91	5.0	3.	99.0	99.	.8
8	10	82	7	6.8	.07	.87	4.8	3.	99.0	99.	0.0
8	10	82	8	7.0	.05	.84	5.3	4.	99.0	99.	.1
8	10	82	9	7.1	.02	.84	5.3	4.	99.0	99.	0.0
8	10	82	10	7.0	.01	.85	6.3	3.	99.0	99.	0.0
8	10	82	11	7.4	-.03	.79	7.4	4.	99.0	99.	0.0
8	10	82	12	7.4	-.05	.77	7.2	5.	99.0	99.	0.0
8	10	82	13	7.2	-.04	.77	5.9	5.	99.0	99.	0.0
8	10	82	14	7.1	-.03	.77	5.7	3.	99.0	99.	0.0
8	10	82	15	7.1	-.03	.76	5.5	3.	99.0	99.	0.0
8	10	82	16	6.9	-.03	.76	6.1	3.	99.0	99.	0.0
8	10	82	17	6.8	-.02	.76	6.1	3.	99.0	99.	0.0
8	10	82	18	6.5	-.02	.78	4.8	3.	99.0	99.	0.0
8	10	82	19	6.4	-.00	.78	5.1	2.	99.0	99.	0.0
8	10	82	20	6.4	-.01	.77	4.8	2.	99.0	99.	0.0
8	10	82	21	6.3	0.00	.76	5.3	2.	99.0	99.	.2
8	10	82	22	6.2	-.01	.77	5.7	3.	99.0	99.	0.0
8	10	82	23	5.9	-.03	.80	5.4	3.	99.0	99.	0.0
8	10	82	24	5.6	-.03	.85	5.5	2.	99.0	99.	0.0
9	10	82	1	5.6	-.04	.86	5.8	2.	99.0	99.	0.0
9	10	82	2	5.5	-.04	.86	6.2	3.	99.0	99.	0.0
9	10	82	3	5.3	-.02	.91	5.8	3.	99.0	99.	.1
9	10	82	4	5.1	-.00	.93	5.0	4.	99.0	99.	.2
9	10	82	5	5.0	.01	.93	5.3	4.	99.0	99.	.3
9	10	82	6	5.0	0.00	.94	4.7	3.	99.0	99.	.3
9	10	82	7	4.9	.00	.95	3.5	2.	99.0	99.	.4
9	10	82	8	5.0	0.00	.95	4.0	3.	99.0	99.	.4
9	10	82	9	5.0	-.00	.95	3.9	3.	99.0	99.	.7
9	10	82	10	5.2	-.00	.95	3.0	2.	99.0	99.	.2
9	10	82	11	5.5	0.00	.94	2.2	2.	99.0	99.	0.0
9	10	82	12	5.6	0.00	.93	2.2	1.	99.0	99.	.1
9	10	82	13	5.7	-.00	.92	2.2	0.	99.0	99.	0.0
9	10	82	14	5.9	-.02	.92	2.9	1.	99.0	99.	0.0
9	10	82	15	6.1	-.02	.91	4.1	2.	99.0	99.	0.0
9	10	82	16	5.9	-.04	.94	3.9	4.	99.0	99.	0.0
9	10	82	17	6.0	-.01	.95	4.5	4.	99.0	99.	0.0
9	10	82	18	6.1	0.00	.96	3.9	4.	99.0	99.	0.0
9	10	82	19	6.2	-.03	.96	3.8	2.	99.0	99.	0.0
9	10	82	20	6.4	-.00	.95	3.1	4.	99.0	99.	0.0
9	10	82	21	6.6	-.03	.94	3.9	4.	99.0	99.	0.0
9	10	82	22	6.6	-.02	.95	3.4	3.	99.0	99.	0.0
9	10	82	23	6.7	.00	.96	2.8	35.	99.0	99.	0.0
9	10	82	24	6.9	.01	.96	2.0	34.	99.0	99.	.1

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
10	10	82	1	7.3	0.00	.96	2.5	4.	99.0	99.	.2
10	10	82	2	7.2	-.02	.96	2.2	4.	99.0	99.	.2
10	10	82	3	7.1	0.00	.94	2.6	4.	99.0	99.	.1
10	10	82	4	7.1	.02	.92	2.9	6.	99.0	99.	0.0
10	10	82	5	7.3	.02	.88	3.9	6.	99.0	99.	0.0
10	10	82	6	7.2	.01	.86	4.7	7.	99.0	99.	0.0
10	10	82	7	6.8	-.02	.84	5.1	7.	99.0	99.	0.0
10	10	82	8	6.3	-.02	.84	4.4	6.	99.0	99.	0.0
10	10	82	9	6.3	-.07	.80	3.5	6.	99.0	99.	0.0
10	10	82	10	7.3	-.24	.73	3.3	6.	99.0	99.	0.0
10	10	82	11	7.3	-.19	.70	3.5	8.	99.0	99.	0.0
10	10	82	12	7.5	-.19	.66	3.9	7.	99.0	99.	0.0
10	10	82	13	7.9	-.21	.61	4.0	7.	99.0	99.	0.0
10	10	82	14	7.8	-.18	.63	3.0	7.	99.0	99.	0.0
10	10	82	15	7.4	-.14	.63	2.8	5.	99.0	99.	0.0
10	10	82	16	7.2	-.10	.63	2.9	4.	99.0	99.	0.0
10	10	82	17	6.6	.01	.68	2.1	4.	99.0	99.	0.0
10	10	82	18	5.6	.22	.74	1.8	3.	99.0	99.	0.0
10	10	82	19	5.4	.18	.75	2.0	6.	99.0	99.	0.0
10	10	82	20	4.4	.29	.80	1.6	6.	99.0	99.	0.0
10	10	82	21	4.0	.29	.79	2.6	7.	99.0	99.	0.0
10	10	82	22	4.2	.29	.74	3.0	6.	99.0	99.	0.0
10	10	82	23	4.1	.24	.73	2.8	6.	99.0	99.	0.0
10	10	82	24	3.6	.26	.74	2.3	6.	99.0	99.	0.0
11	10	82	1	3.6	.18	.77	2.5	5.	99.0	99.	0.0
11	10	82	2	3.6	.14	.78	2.8	4.	99.0	99.	0.0
11	10	82	3	3.7	.10	.72	3.2	4.	99.0	99.	0.0
11	10	82	4	3.7	.05	.74	4.5	5.	99.0	99.	0.0
11	10	82	5	3.5	.07	.77	3.5	5.	99.0	99.	0.0
11	10	82	6	3.1	.16	.77	3.7	5.	99.0	99.	0.0
11	10	82	7	2.9	.16	.81	4.1	4.	99.0	99.	0.0
11	10	82	8	3.7	-.01	.76	3.2	4.	99.0	99.	0.0
11	10	82	9	4.8	-.15	.39	3.1	1018.	99.0	99.	0.0
11	10	82	10	5.9	-.27	.57	2.4	6.	99.0	99.	0.0
11	10	82	11	5.2	-.15	.64	3.1	5.	99.0	99.	0.0
11	10	82	12	5.2	-.12	.58	2.6	6.	99.0	99.	0.0
11	10	82	13	5.2	-.11	.62	2.9	5.	4.8	3.	0.0
11	10	82	14	5.3	-.14	.65	3.2	4.	4.9	3.	0.0
11	10	82	15	5.2	-.11	.66	2.8	4.	3.1	2.	0.0
11	10	82	16	5.0	-.09	.68	1.8	1.	2.4	1.	0.0
11	10	82	17	4.5	.02	.71	2.0	2.	3.5	1.	0.0
11	10	82	18	4.2	.01	.73	2.6	3.	5.1	1.	0.0
11	10	82	19	4.1	-.03	.73	3.0	5.	3.7	2.	0.0
11	10	82	20	4.0	.02	.73	1.4	4.	2.5	1.	0.0
11	10	82	21	3.9	.05	.75	2.0	2.	3.3	2.	0.0
11	10	82	22	3.6	.13	.77	1.4	0.	3.1	2.	0.0
11	10	82	23	3.3	.11	.79	1.7	1.	3.9	2.	0.0
11	10	82	24	3.2	.08	.82	2.2	1.	4.1	1.	0.0
12	10	82	1	3.3	.03	.81	2.6	3.	4.2	1.	0.0
12	10	82	2	3.2	.06	.82	1.9	4.	3.4	1.	0.0
12	10	82	3	3.1	.04	.84	2.0	1.	2.7	1.	0.0
12	10	82	4	3.2	.05	.82	2.2	2.	2.6	1.	0.0
12	10	82	5	3.1	.05	.82	1.8	1.	2.5	1.	0.0
12	10	82	6	3.1	.08	.82	2.2	2.	2.7	1.	0.0
12	10	82	7	3.3	.02	.80	2.1	2.	2.4	1.	0.0
12	10	82	8	3.5	-.04	.81	1.9	1.	2.1	1.	0.0
12	10	82	9	4.2	-.14	.77	2.0	2.	2.9	1.	0.0
12	10	82	10	5.3	-.23	.71	2.0	3.	2.6	2.	0.0
12	10	82	11	6.2	-.33	.62	2.0	2.	2.8	2.	0.0
12	10	82	12	6.2	-.26	.54	1.8	4.	1.7	4.	0.0
12	10	82	13	6.3	-.24	.50	1.6	2.	1.8	4.	0.0
12	10	82	14	6.4	-.26	.50	1.6	1.	1.5	3.	0.0
12	10	82	15	5.8	-.15	.53	1.9	7.	3.7	4.	0.0
12	10	82	16	4.9	-.07	.56	2.3	6.	4.1	4.	0.0
12	10	82	17	4.2	.02	.56	2.6	5.	2.9	3.	0.0
12	10	82	18	2.6	.37	.65	2.1	3.	1.9	2.	0.0
12	10	82	19	2.1	.38	.67	3.1	2.	3.9	2.	0.0
12	10	82	20	2.0	.23	.66	3.9	2.	4.4	3.	0.0
12	10	82	21	2.1	.16	.69	3.4	3.	2.9	2.	0.0
12	10	82	22	2.0	.02	.78	3.6	2.	3.5	2.	0.0
12	10	82	23	2.4	.03	.80	3.5	3.	2.8	2.	0.0
12	10	82	24	2.2	.10	.80	2.4	2.	2.5	2.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	F-TA
13	10	82	1	2.0	.14	.81	2.5	3.	3.4	2.	0.0
13	10	82	2	2.3	.09	.80	3.3	2.	3.7	1.	0.0
13	10	82	3	2.3	.06	.79	3.9	2.	4.1	2.	0.0
13	10	82	4	2.6	.02	.78	3.5	2.	4.7	1.	0.0
13	10	82	5	2.9	.00	.78	4.0	2.	5.5	2.	0.0
13	10	82	6	3.1	-.00	.78	3.7	2.	5.5	2.	0.0
13	10	82	7	3.4	-.02	.78	4.4	2.	6.6	2.	0.0
13	10	82	8	3.4	-.05	.80	4.0	1.	7.5	2.	0.0
13	10	82	9	3.2	-.05	.86	4.2	2.	7.3	2.	0.0
13	10	82	10	3.1	-.03	.91	4.2	3.	7.5	2.	0.0
13	10	82	11	3.1	-.05	.93	4.6	2.	8.7	2.	.1
13	10	82	12	3.3	-.04	.94	4.4	2.	8.5	2.	.5
13	10	82	13	3.7	-.01	.94	5.0	4.	8.8	2.	0.0
13	10	82	14	4.2	.03	.95	5.5	4.	7.5	3.	.3
13	10	82	15	5.5	.03	.95	4.9	5.	7.2	3.	.7
13	10	82	16	6.6	.04	.95	5.5	6.	6.5	2.	1.5
13	10	82	17	7.3	.04	.93	6.2	7.	7.2	4.	.1
13	10	82	18	7.4	.04	.93	6.4	8.	8.5	4.	.2
13	10	82	19	7.5	.04	.92	6.7	7.	8.1	4.	.6
13	10	82	20	7.4	.05	.93	6.5	7.	8.4	4.	.4
13	10	82	21	7.2	.03	.93	7.0	7.	8.5	4.	2.0
13	10	82	22	6.9	.02	.92	7.2	8.	8.8	4.	1.6
13	10	82	23	6.6	.02	.92	7.2	7.	9.4	4.	1.0
13	10	82	24	6.5	.01	.92	6.3	7.	9.2	4.	.8
14	10	82	1	6.3	-.01	.92	5.4	6.	9.1	3.	.9
14	10	82	2	6.1	-.00	.92	5.0	6.	9.0	3.	1.0
14	10	82	3	6.0	.02	.92	4.9	6.	8.8	3.	1.0
14	10	82	4	5.8	-.00	.92	4.7	6.	8.4	3.	.7
14	10	82	5	5.6	.02	.90	5.3	6.	9.0	4.	.6
14	10	82	6	5.3	.02	.89	5.6	5.	9.0	2.	.2
14	10	82	7	5.0	0.00	.90	5.4	4.	8.5	2.	.2
14	10	82	8	4.5	.00	.90	5.5	4.	9.5	2.	.2
14	10	82	9	3.8	-.04	.92	5.0	3.	8.5	2.	.7
14	10	82	10	3.5	-.03	.93	4.9	2.	8.2	2.	1.4
14	10	82	11	3.4	-.03	.92	5.4	2.	7.7	1.	.8
14	10	82	12	3.6	-.02	.92	5.8	2.	8.2	1.	.5
14	10	82	13	3.6	-.02	.92	6.2	2.	8.4	1.	.9
14	10	82	14	3.7	-.02	.92	5.1	2.	8.2	1.	.4
14	10	82	15	3.9	-.01	.90	5.5	3.	8.5	2.	.2
14	10	82	16	3.9	-.03	.90	4.9	3.	8.5	2.	0.0
14	10	82	17	4.0	-.02	.91	4.4	4.	7.8	2.	0.0
14	10	82	18	4.2	-.03	.89	5.5	4.	8.5	2.	0.0
14	10	82	19	4.3	-.02	.89	4.3	3.	7.0	1.	0.0
14	10	82	20	4.5	-.02	.88	4.5	3.	6.5	1.	0.0
14	10	82	21	4.6	-.02	.87	4.6	3.	6.2	1.	0.0
14	10	82	22	4.6	-.02	.86	4.3	4.	7.4	2.	0.0
14	10	82	23	4.6	-.03	.87	4.3	3.	5.7	2.	0.0
14	10	82	24	4.8	-.01	.85	3.6	2.	5.7	2.	0.0
15	10	82	1	4.8	-.01	.84	3.2	1.	5.4	2.	0.0
15	10	82	2	4.8	-.00	.83	3.7	1.	4.6	1.	0.0
15	10	82	3	4.8	.00	.83	3.2	2.	4.1	2.	0.0
15	10	82	4	4.8	-.03	.84	3.3	3.	4.6	2.	0.0
15	10	82	5	4.7	-.01	.85	3.3	2.	4.5	2.	0.0
15	10	82	6	4.7	0.00	.86	2.7	1.	3.5	1.	0.0
15	10	82	7	4.7	.01	.86	2.3	0.	4.1	1.	0.0
15	10	82	8	5.0	-.02	.84	2.3	1.	3.5	1.	0.0
15	10	82	9	5.3	-.06	.82	2.3	1.	3.6	1.	0.0
15	10	82	10	5.6	-.08	.81	2.5	2.	3.3	3.	0.0
15	10	82	11	6.3	-.17	.78	2.9	4.	3.5	4.	0.0
15	10	82	12	6.5	-.19	.77	2.8	5.	3.9	4.	0.0
15	10	82	13	6.9	-.27	.76	3.0	4.	3.7	4.	0.0
15	10	82	14	7.4	-.23	.75	2.4	5.	4.2	4.	0.0
15	10	82	15	6.8	-.16	.76	2.8	4.	3.9	6.	0.0
15	10	82	16	6.2	-.07	.79	2.4	5.	3.3	6.	0.0
15	10	82	17	5.8	-.02	.81	2.7	6.	3.4	4.	0.0
15	10	82	18	5.5	0.00	.82	2.8	5.	3.3	4.	0.0
15	10	82	19	5.4	-.00	.81	2.1	4.	3.3	3.	0.0
15	10	82	20	5.1	-.00	.80	2.4	3.	4.1	3.	0.0
15	10	82	21	5.0	-.02	.80	3.3	3.	2.7	2.	0.0
15	10	82	22	4.5	.05	.82	2.9	2.	3.0	2.	0.0
15	10	82	23	4.7	.01	.80	2.3	2.	3.1	2.	0.0
15	10	82	24	4.6	-.01	.77	3.2	2.	2.7	1.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
16	10	82	1	4.4	.03	.76	2.7	1.	3.5	2.	0.0
16	10	82	2	4.2	.07	.74	2.8	35.	4.2	2.	0.0
16	10	82	3	3.6	.15	.75	1.8	0.	3.5	2.	0.0
16	10	82	4	3.0	.20	.78	2.4	0.	2.3	2.	0.0
16	10	82	5	3.0	.21	.78	2.5	0.	2.9	3.	0.0
16	10	82	6	3.0	.11	.77	2.4	1.	3.3	2.	0.0
16	10	82	7	2.3	.17	.79	2.5	2.	2.5	3.	0.0
16	10	82	8	3.6	-.06	.71	2.2	3.	2.4	2.	0.0
16	10	82	9	5.2	-.29	.63	2.2	3.	4.0	2.	0.0
16	10	82	10	5.9	-.35	.56	2.7	5.	4.2	2.	0.0
16	10	82	11	5.9	-.30	.51	2.9	8.	4.3	5.	0.0
16	10	82	12	6.8	-.48	.47	2.2	7.	2.6	4.	0.0
16	10	82	13	7.6	-.43	.45	2.4	5.	2.6	8.	0.0
16	10	82	14	8.0	-.42	.46	2.0	6.	2.8	4.	0.0
16	10	82	15	7.3	-.35	.46	2.5	7.	3.3	4.	0.0
16	10	82	16	6.0	-.16	.50	2.8	8.	3.4	7.	0.0
16	10	82	17	4.4	.15	.56	2.6	9.	2.3	8.	0.0
16	10	82	18	3.4	.31	.61	2.7	8.	3.3	8.	0.0
16	10	82	19	3.2	.44	.59	3.3	7.	2.3	2.	0.0
16	10	82	20	3.2	.26	.56	3.2	7.	2.1	4.	0.0
16	10	82	21	2.5	.35	.61	3.1	8.	3.2	3.	0.0
16	10	82	22	2.0	.47	.68	2.5	6.	2.9	2.	0.0
16	10	82	23	1.4	.56	.76	2.7	6.	3.1	2.	0.0
16	10	82	24	1.1	.46	.80	2.5	6.	3.9	2.	0.0
17	10	82	1	-.1	.48	.86	2.3	3.	3.2	3.	0.0
17	10	82	2	-.2	.45	.88	2.0	4.	3.5	2.	0.0
17	10	82	3	.1	.39	.87	3.1	5.	4.2	2.	0.0
17	10	82	4	.5	.19	.77	2.6	5.	3.3	2.	0.0
17	10	82	5	.7	.11	.72	2.5	5.	4.5	2.	0.0
17	10	82	6	1.1	.06	.66	2.7	5.	4.5	2.	0.0
17	10	82	7	1.2	.04	.64	2.2	5.	3.8	2.	0.0
17	10	82	8	1.4	-.03	.69	2.0	5.	4.1	2.	0.0
17	10	82	9	2.0	-.09	.72	2.8	5.	5.0	2.	0.0
17	10	82	10	2.5	-.12	.75	3.2	5.	4.8	4.	0.0
17	10	82	11	2.3	-.10	.79	3.7	8.	4.7	3.	0.0
17	10	82	12	2.6	-.11	.81	3.7	5.	7.1	3.	0.0
17	10	82	13	2.8	-.09	.83	3.3	6.	6.8	3.	0.0
17	10	82	14	3.4	-.10	.83	3.7	6.	8.2	4.	0.0
17	10	82	15	3.5	-.07	.83	3.8	5.	8.6	3.	0.0
17	10	82	16	3.7	-.06	.82	4.6	6.	8.5	4.	0.0
17	10	82	17	3.8	-.05	.82	4.8	7.	8.1	4.	0.0
17	10	82	18	3.8	.02	.88	6.6	8.	8.5	4.	.1
17	10	82	19	3.9	-.03	.86	6.6	7.	7.1	5.	0.0
17	10	82	20	3.9	-.03	.86	5.9	8.	7.0	5.	0.0
17	10	82	21	3.8	-.03	.86	6.0	8.	6.9	5.	0.0
17	10	82	22	3.4	-.03	.87	6.9	7.	8.2	5.	0.0
17	10	82	23	2.8	-.03	.88	6.5	7.	7.5	4.	.1
17	10	82	24	2.5	-.05	.87	5.7	6.	9.1	4.	0.0
18	10	82	1	2.2	-.05	.84	5.6	6.	9.0	4.	0.0
18	10	82	2	2.1	-.04	.81	6.2	6.	8.5	4.	0.0
18	10	82	3	1.9	-.05	.77	6.1	7.	8.9	4.	0.0
18	10	82	4	1.9	-.05	.76	6.0	6.	9.5	4.	0.0
18	10	82	5	1.9	-.06	.75	4.4	6.	9.0	4.	0.0
18	10	82	6	1.8	-.05	.76	3.6	7.	9.0	3.	0.0
18	10	82	7	1.9	-.05	.76	4.3	7.	8.4	3.	0.0
18	10	82	8	2.1	-.05	.78	4.7	8.	7.5	3.	0.0
18	10	82	9	2.2	-.03	.81	4.7	8.	7.0	3.	0.0
18	10	82	10	2.1	-.02	.87	4.8	7.	7.0	4.	.7
18	10	82	11	1.6	-.03	.92	4.6	7.	5.9	4.	.9
18	10	82	12	1.6	-.05	.93	4.8	6.	6.5	4.	1.1
18	10	82	13	1.6	-.05	.94	4.4	7.	6.5	3.	1.4
18	10	82	14	1.6	-.06	.94	4.5	6.	7.1	4.	1.3
18	10	82	15	1.8	-.04	.94	4.4	7.	8.0	4.	1.2
18	10	82	16	1.8	-.03	.94	4.6	7.	7.9	4.	.8
18	10	82	17	1.9	-.01	.94	4.4	7.	7.3	4.	.8
18	10	82	18	2.1	-.01	.94	4.7	7.	7.2	4.	.6
18	10	82	19	2.1	0.00	.94	3.7	7.	6.1	4.	.6
18	10	82	20	2.1	-.00	.94	3.4	7.	4.8	3.	1.0
18	10	82	21	2.2	0.00	.93	3.9	6.	5.5	4.	.5
18	10	82	22	2.4	.03	.93	4.0	8.	5.7	4.	.6
18	10	82	23	2.6	.02	.91	3.3	8.	5.0	3.	0.0
18	10	82	24	2.7	.02	.90	3.6	8.	5.5	3.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
19	10	82	1	3.1	.03	.89	3.5	9.	4.6	3.	0.0
19	10	82	2	3.4	.04	.89	3.7	8.	4.4	4.	0.0
19	10	82	3	3.7	.02	.88	3.5	9.	4.5	5.	0.0
19	10	82	4	3.8	-.02	.88	3.6	9.	4.9	4.	0.0
19	10	82	5	3.9	-.00	.88	3.7	10.	4.7	5.	0.0
19	10	82	6	4.0	-.01	.89	3.4	9.	4.6	4.	0.0
19	10	82	7	3.7	.00	.95	2.7	9.	3.9	6.	0.0
19	10	82	8	3.6	.01	.96	3.5	8.	4.8	6.	0.0
19	10	82	9	3.9	.03	.91	3.6	10.	4.3	5.	0.0
19	10	82	10	4.5	.05	.87	4.0	10.	3.8	7.	0.0
19	10	82	11	5.3	.00	.85	5.8	12.	3.6	11.	0.0
19	10	82	12	5.9	.03	.87	5.1	14.	4.1	12.	.1
19	10	82	13	6.2	.04	.90	5.9	14.	4.3	13.	.2
19	10	82	14	6.8	.05	.88	6.3	14.	4.6	14.	.2
19	10	82	15	7.5	.02	.84	7.2	14.	6.5	15.	0.0
19	10	82	16	7.9	0.00	.84	8.4	14.	7.6	15.	0.0
19	10	82	17	7.7	.03	.92	8.3	15.	6.1	16.	3.4
19	10	82	18	7.9	.02	.95	7.8	16.	5.8	17.	3.0
19	10	82	19	8.1	0.00	.96	7.9	17.	7.3	17.	3.8
19	10	82	20	8.6	-.00	.96	7.9	17.	7.8	18.	3.1
19	10	82	21	9.1	.02	.96	7.0	18.	7.0	18.	6.0
19	10	82	22	9.4	.03	.96	6.4	21.	4.4	19.	3.0
19	10	82	23	9.4	.05	.95	3.5	19.	3.9	19.	1.0
19	10	82	24	9.1	.05	.95	4.4	20.	3.5	20.	.6
20	10	82	1	8.8	.05	.94	4.9	22.	2.6	20.	0.0
20	10	82	2	8.9	.06	.94	4.0	21.	2.8	19.	0.0
20	10	82	3	9.1	.06	.94	4.6	22.	2.8	20.	0.0
20	10	82	4	9.2	.05	.94	3.8	22.	2.2	19.	0.0
20	10	82	5	9.1	.07	.93	4.4	22.	1.4	18.	0.0
20	10	82	6	9.1	.04	.92	5.5	22.	3.3	21.	0.0
20	10	82	7	8.9	.05	.87	4.2	23.	3.9	21.	0.0
20	10	82	8	8.5	.06	.86	3.7	22.	2.2	20.	0.0
20	10	82	9	8.4	.03	.86	3.6	22.	2.1	20.	0.0
20	10	82	10	8.4	-.01	.90	3.6	21.	2.4	99.	0.0
20	10	82	11	8.4	-.01	.92	3.0	20.	99.0	99.	.1
20	10	82	12	8.5	-.06	.93	2.6	20.	99.0	99.	0.0
20	10	82	13	9.2	-.19	.92	1.8	19.	99.0	99.	0.0
20	10	82	14	9.6	-.19	.90	2.4	19.	99.0	99.	0.0
20	10	82	15	10.1	-.18	.87	1.7	19.	99.0	99.	0.0
20	10	82	16	9.7	0.00	.90	1.8	19.	99.0	99.	0.0
20	10	82	17	9.2	.24	.91	3.0	22.	99.0	99.	0.0
20	10	82	18	8.6	.29	.91	3.4	23.	99.0	99.	0.0
20	10	82	19	8.0	.28	.91	3.3	23.	99.0	99.	0.0
20	10	82	20	7.6	.30	.87	2.1	25.	99.0	99.	0.0
20	10	82	21	6.9	.31	.85	2.1	26.	99.0	99.	0.0
20	10	82	22	7.4	.17	.77	2.8	26.	99.0	99.	0.0
20	10	82	23	6.8	.33	.76	2.8	28.	99.0	99.	0.0
20	10	82	24	6.4	.35	.77	2.9	28.	99.0	99.	0.0
21	10	82	1	6.3	.26	.74	2.8	26.	99.0	99.	0.0
21	10	82	2	6.0	.27	.73	2.1	25.	99.0	99.	0.0
21	10	82	3	5.8	.20	.72	2.4	26.	99.0	99.	0.0
21	10	82	4	4.8	.28	.76	2.1	23.	99.0	99.	0.0
21	10	82	5	4.2	.40	.79	1.8	24.	99.0	99.	0.0
21	10	82	6	5.1	.20	.74	2.4	25.	99.0	99.	0.0
21	10	82	7	4.6	.46	.78	1.9	23.	99.0	99.	0.0
21	10	82	8	5.2	.46	.79	1.5	1013.	99.0	99.	0.0
21	10	82	9	7.5	-.47	.71	1.1	1022.	99.0	99.	0.0
21	10	82	10	8.7	-.35	.69	.8	13.	99.0	99.	0.0
21	10	82	11	9.8	-.34	.63	1.1	1022.	99.0	99.	0.0
21	10	82	12	9.7	-.28	.58	2.6	24.	99.0	99.	0.0
21	10	82	13	10.9	-.40	.55	2.8	23.	99.0	99.	0.0
21	10	82	14	12.0	-.46	.47	3.4	23.	99.0	99.	0.0
21	10	82	15	11.1	-.33	.51	3.4	22.	99.0	99.	0.0
21	10	82	16	9.1	.06	.63	2.5	21.	99.0	99.	0.0
21	10	82	17	8.2	.19	.75	2.4	21.	99.0	99.	0.0
21	10	82	18	7.6	.19	.77	2.2	23.	99.0	99.	0.0
21	10	82	19	6.7	.23	.82	1.0	24.	99.0	99.	0.0
21	10	82	20	5.6	.32	.88	.6	1006.	99.0	99.	0.0
21	10	82	21	4.7	.47	.93	.3	1031.	99.0	99.	0.0
21	10	82	22	4.0	.45	.95	.9	1030.	99.0	99.	0.0
21	10	82	23	3.0	.71	.96	1.5	31.	99.0	99.	0.0
21	10	82	24	2.3	.94	.96	1.1	33.	99.0	99.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
22	10	82	1	1.6	.90	.96	2.2	32.	99.0	99.	0.0
22	10	82	2	1.5	.35	.95	1.2	33.	99.0	99.	0.0
22	10	82	3	1.4	.10	.95	1.7	34.	99.0	99.	0.0
22	10	82	4	1.6	-.02	.95	1.6	33.	99.0	99.	0.0
22	10	82	5	1.5	-.04	.95	1.4	31.	99.0	99.	0.0
22	10	82	6	1.3	-.05	.95	1.9	33.	99.0	99.	0.0
22	10	82	7	.8	-.05	.95	1.9	34.	99.0	99.	0.0
22	10	82	8	1.2	-.06	.95	2.2	33.	99.0	99.	0.0
22	10	82	9	1.4	-.12	.95	2.1	33.	99.0	99.	0.0
22	10	82	10	2.1	-.17	.95	1.9	33.	99.0	99.	0.0
22	10	82	11	2.7	-.14	.95	1.8	34.	99.0	99.	0.0
22	10	82	12	3.4	-.12	.95	1.7	34.	99.0	99.	0.0
22	10	82	13	4.1	.16	.95	1.2	1.	99.0	99.	1.5
22	10	82	14	5.0	.06	.95	1.9	4.	99.0	99.	1.8
22	10	82	15	5.6	.06	.95	2.0	6.	99.0	99.	2.2
22	10	82	16	5.8	.02	.95	3.5	7.	99.0	99.	2.1
22	10	82	17	6.0	.01	.94	3.8	8.	99.0	99.	1.9
22	10	82	18	6.4	.03	.94	4.5	11.	99.0	99.	.2
22	10	82	19	7.6	.08	.94	4.1	12.	99.0	99.	.2
22	10	82	20	9.4	.10	.95	5.4	13.	99.0	99.	.3
22	10	82	21	9.9	.06	.95	5.4	13.	99.0	99.	.1
22	10	82	22	10.1	.07	.94	5.2	15.	99.0	99.	0.0
22	10	82	23	10.2	.05	.94	5.1	15.	99.0	99.	0.0
22	10	82	24	10.5	.01	.94	4.1	18.	99.0	99.	0.0
23	10	82	1	10.3	.01	.94	4.4	19.	99.0	99.	.3
23	10	82	2	10.3	0.00	.94	4.1	18.	99.0	99.	.2
23	10	82	3	10.2	0.00	.95	4.2	19.	99.0	99.	.1
23	10	82	4	10.2	0.00	.95	2.6	17.	99.0	99.	.2
23	10	82	5	10.1	0.00	.95	1.2	19.	99.0	99.	1.5
23	10	82	6	9.1	.10	.95	2.7	33.	99.0	99.	.4
23	10	82	7	9.0	.14	.93	3.8	33.	99.0	99.	.2
23	10	82	8	8.4	.11	.88	4.8	35.	99.0	99.	.8
23	10	82	9	7.8	.06	.91	3.4	1.	99.0	99.	.2
23	10	82	10	7.8	.05	.88	3.4	1.	99.0	99.	0.0
23	10	82	11	7.6	0.00	.89	3.0	34.	99.0	99.	0.0
23	10	82	12	9.3	-.49	.83	2.2	34.	99.0	99.	0.0
23	10	82	13	11.7	-.63	.70	2.1	34.	99.0	99.	0.0
23	10	82	14	12.7	-.77	.64	2.3	31.	99.0	99.	0.0
23	10	82	15	12.7	-.69	.62	2.0	31.	99.0	99.	0.0
23	10	82	16	11.4	-.42	.64	1.9	31.	99.0	99.	0.0
23	10	82	17	8.1	.35	.75	1.4	31.	99.0	99.	0.0
23	10	82	18	6.7	1.13	.87	2.2	31.	99.0	99.	0.0
23	10	82	19	5.7	1.38	.92	2.7	31.	99.0	99.	0.0
23	10	82	20	5.1	1.00	.94	3.1	33.	99.0	99.	0.0
23	10	82	21	4.2	.84	.95	3.3	32.	99.0	99.	0.0
23	10	82	22	3.8	.91	.95	2.9	31.	99.0	99.	0.0
23	10	82	23	3.3	.66	.95	2.8	32.	99.0	99.	0.0
23	10	82	24	2.9	.37	.94	2.2	33.	99.0	99.	0.0
24	10	82	1	2.1	.34	.93	1.8	33.	99.0	99.	0.0
24	10	82	2	1.9	.59	.94	2.8	32.	99.0	99.	0.0
24	10	82	3	1.5	.49	.91	3.0	33.	99.0	99.	0.0
24	10	82	4	1.2	.34	.90	3.5	33.	99.0	99.	0.0
24	10	82	5	1.0	.43	.90	3.1	33.	99.0	99.	0.0
24	10	82	6	.8	.39	.90	2.9	33.	99.0	99.	0.0
24	10	82	7	.5	.46	.92	3.0	33.	99.0	99.	0.0
24	10	82	8	1.2	.16	.89	3.5	33.	99.0	99.	0.0
24	10	82	9	2.0	-.07	.87	2.7	33.	99.0	99.	0.0
24	10	82	10	4.4	-.48	.84	2.4	33.	99.0	99.	0.0
24	10	82	11	6.3	-.62	.71	1.7	33.	99.0	99.	0.0
24	10	82	12	7.7	-.87	.61	2.1	33.	99.0	99.	0.0
24	10	82	13	10.4	-.96	.51	1.5	32.	99.0	99.	0.0
24	10	82	14	12.0	-1.06	.40	1.0	32.	99.0	99.	0.0
24	10	82	15	11.5	-.37	.38	1.0	26.	99.0	99.	0.0
24	10	82	16	9.6	-.46	.46	1.1	18.	99.0	99.	0.0
24	10	82	17	6.1	.58	.66	1.2	19.	99.0	99.	0.0
24	10	82	18	5.2	.41	.75	1.5	20.	99.0	99.	0.0
24	10	82	19	4.8	.39	.80	2.2	23.	99.0	99.	0.0
24	10	82	20	3.8	.70	.85	1.6	22.	99.0	99.	0.0
24	10	82	21	2.6	.94	.89	.6	1008.	99.0	99.	0.0
24	10	82	22	1.2	1.71	.93	1.0	0.	99.0	99.	0.0
24	10	82	23	.7	.91	.94	2.8	33.	99.0	99.	0.0
24	10	82	24	.9	.49	.94	1.9	33.	99.0	99.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
25	10	82	1	1.1	.10	.94	2.3	31.	99.0	99.	0.0
25	10	82	2	1.4	.08	.95	2.5	31.	99.0	99.	0.0
25	10	82	3	1.3	.27	.94	1.5	30.	99.0	99.	0.0
25	10	82	4	1.3	.27	.94	1.5	33.	99.0	99.	0.0
25	10	82	5	1.0	.39	.94	1.2	31.	99.0	99.	0.0
25	10	82	6	1.3	.25	.94	1.1	32.	99.0	99.	0.0
25	10	82	7	1.6	.53	.94	1.5	34.	99.0	99.	.1
25	10	82	8	2.2	.55	.93	1.9	33.	99.0	99.	0.0
25	10	82	9	3.4	.48	.88	2.1	34.	99.0	99.	0.0
25	10	82	10	4.7	-.07	.85	1.4	34.	99.0	99.	0.0
25	10	82	11	6.6	-.46	.78	1.2	34.	99.0	99.	0.0
25	10	82	12	8.3	-.67	.69	1.1	34.	99.0	99.	0.0
25	10	82	13	8.1	-.38	.71	.4	1015.	99.0	99.	0.0
25	10	82	14	8.0	-.10	.76	.5	6.	99.0	99.	0.0
25	10	82	15	6.8	.16	.90	.7	9.	99.0	99.	0.0
25	10	82	16	6.1	.22	.93	1.7	34.	99.0	99.	.8
25	10	82	17	5.9	.20	.94	1.1	3.	99.0	99.	1.3
25	10	82	18	5.8	.24	.95	1.1	1.	99.0	99.	2.4
25	10	82	19	5.5	.13	.95	3.3	34.	99.0	99.	2.5
25	10	82	20	5.3	.04	.95	3.7	35.	99.0	99.	3.0
25	10	82	21	5.2	.02	.95	3.7	32.	99.0	99.	3.7
25	10	82	22	4.8	.02	.94	3.8	34.	99.0	99.	1.1
25	10	82	23	4.3	.04	.93	3.9	34.	99.0	99.	.5
25	10	82	24	4.0	.01	.92	3.7	33.	99.0	99.	.1
26	10	82	1	3.9	.06	.91	3.4	33.	99.0	99.	0.0
26	10	82	2	4.0	.06	.88	3.4	32.	99.0	99.	0.0
26	10	82	3	3.9	.09	.86	3.0	31.	99.0	99.	0.0
26	10	82	4	3.6	.19	.85	2.7	32.	99.0	99.	0.0
26	10	82	5	3.0	.24	.89	3.2	32.	99.0	99.	0.0
26	10	82	6	2.3	.31	.91	2.6	31.	99.0	99.	0.0
26	10	82	7	2.0	.27	.93	2.8	30.	99.0	99.	0.0
26	10	82	8	2.4	.24	.93	3.0	31.	99.0	99.	0.0
26	10	82	9	3.9	-.22	.86	3.4	34.	99.0	99.	0.0
26	10	82	10	5.4	-.55	.81	3.1	32.	99.0	99.	0.0
26	10	82	11	6.4	-.66	.75	1.9	32.	99.0	99.	0.0
26	10	82	12	7.2	-.75	.65	1.9	32.	99.0	99.	0.0
26	10	82	13	9.5	-.74	.53	1.0	33.	99.0	99.	0.0
26	10	82	14	9.8	-.40	.51	.8	28.	99.0	99.	0.0
26	10	82	15	9.0	-.29	.49	.9	22.	99.0	99.	0.0
26	10	82	16	6.3	.17	.62	1.3	16.	99.0	99.	0.0
26	10	82	17	5.1	.34	.69	1.8	17.	99.0	99.	0.0
26	10	82	18	4.5	.40	.80	1.4	14.	99.0	99.	0.0
26	10	82	19	4.3	.45	.85	1.6	14.	99.0	99.	0.0
26	10	82	20	4.3	.32	.86	2.1	12.	99.0	99.	0.0
26	10	82	21	4.5	.35	.83	2.6	12.	99.0	99.	0.0
26	10	82	22	5.0	.26	.82	2.7	13.	99.0	99.	0.0
26	10	82	23	6.4	.13	.83	3.9	13.	99.0	99.	0.0
26	10	82	24	7.2	.02	.92	5.2	14.	99.0	99.	0.0
27	10	82	1	7.9	.03	.95	5.5	15.	99.0	99.	1.8
27	10	82	2	8.9	.03	.95	6.0	16.	99.0	99.	4.0
27	10	82	3	9.7	.03	.94	5.0	23.	99.0	99.	2.0
27	10	82	4	8.3	.04	.91	2.9	24.	99.0	99.	1.2
27	10	82	5	7.6	.18	.92	2.7	23.	99.0	99.	0.0
27	10	82	6	7.1	.21	.93	3.1	23.	99.0	99.	0.0
27	10	82	7	6.8	.17	.92	3.4	23.	99.0	99.	0.0
27	10	82	8	7.1	.16	.83	4.0	24.	99.0	99.	0.0
27	10	82	9	8.0	-.02	.76	4.2	24.	99.0	99.	0.0
27	10	82	10	9.2	-.29	.73	3.2	24.	99.0	99.	0.0
27	10	82	11	9.6	-.36	.69	3.5	24.	99.0	99.	0.0
27	10	82	12	10.3	-.37	.60	2.9	24.	99.0	99.	0.0
27	10	82	13	11.6	-.39	.48	3.1	24.	99.0	99.	0.0
27	10	82	14	12.1	-.32	.45	3.4	24.	99.0	99.	0.0
27	10	82	15	11.8	-.29	.47	3.1	23.	99.0	99.	0.0
27	10	82	16	10.1	-.01	.56	3.5	22.	99.0	99.	0.0
27	10	82	17	8.3	.25	.66	2.9	23.	99.0	99.	0.0
27	10	82	18	7.3	.34	.72	2.8	22.	99.0	99.	0.0
27	10	82	19	6.7	.32	.76	3.3	22.	99.0	99.	0.0
27	10	82	20	6.1	.37	.82	3.0	22.	99.0	99.	0.0
27	10	82	21	5.9	.27	.86	3.3	22.	99.0	99.	0.0
27	10	82	22	5.5	.28	.90	2.6	23.	99.0	99.	0.0
27	10	82	23	5.0	.26	.93	1.0	14.	99.0	99.	0.0
27	10	82	24	5.4	.24	.91	2.9	21.	99.0	99.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
28	10	82	1	5.2	.29	.91	4.0	22.	99.0	99.	0.0
28	10	82	2	5.0	.37	.91	3.8	23.	99.0	99.	0.0
28	10	82	3	4.8	.26	.92	2.7	22.	99.0	99.	0.0
28	10	82	4	4.4	.24	.90	1.5	26.	99.0	99.	0.0
28	10	82	5	3.6	.31	.95	1.2	23.	99.0	99.	0.0
28	10	82	6	2.9	.39	.95	.7	1011.	99.0	99.	0.0
28	10	82	7	2.9	.54	.95	.7	11.	99.0	99.	0.0
28	10	82	8	2.9	.56	.95	1.0	1027.	99.0	99.	0.0
28	10	82	9	4.8	.18	.91	.9	21.	99.0	99.	0.0
28	10	82	10	7.8	-.45	.80	.4	13.	99.0	99.	0.0
28	10	82	11	7.2	.01	.83	1.1	20.	99.0	99.	0.0
28	10	82	12	8.7	-.21	.77	3.2	22.	99.0	99.	0.0
28	10	82	13	9.7	-.19	.75	2.8	25.	99.0	99.	0.0
28	10	82	14	10.9	-.22	.69	2.0	24.	99.0	99.	0.0
28	10	82	15	10.2	-.22	.70	2.5	23.	99.0	99.	0.0
28	10	82	16	8.4	.05	.84	2.8	20.	99.0	99.	0.0
28	10	82	17	7.7	.17	.93	3.0	21.	99.0	99.	0.0
28	10	82	18	7.7	.18	.93	3.7	22.	99.0	99.	0.0
28	10	82	19	7.2	.18	.95	3.1	23.	99.0	99.	0.0
28	10	82	20	7.4	.23	.93	3.1	23.	99.0	99.	0.0
28	10	82	21	7.1	.30	.90	2.8	23.	99.0	99.	0.0
28	10	82	22	6.3	.40	.91	2.2	24.	99.0	99.	0.0
28	10	82	23	5.7	.32	.94	1.1	25.	99.0	99.	0.0
28	10	82	24	5.9	.27	.94	1.0	23.	99.0	99.	0.0
29	10	82	1	6.1	.37	.92	1.8	23.	99.0	99.	0.0
29	10	82	2	6.1	.30	.90	1.2	26.	99.0	99.	0.0
29	10	82	3	5.9	.38	.92	.8	18.	99.0	99.	0.0
29	10	82	4	6.0	.50	.93	1.4	23.	99.0	99.	0.0
29	10	82	5	6.5	.31	.92	2.4	22.	99.0	99.	0.0
29	10	82	6	5.9	.41	.93	2.5	23.	99.0	99.	0.0
29	10	82	7	5.7	.33	.94	2.2	25.	99.0	99.	0.0
29	10	82	8	6.6	.21	.91	1.7	22.	99.0	99.	0.0
29	10	82	9	7.3	-.12	.89	1.4	1023.	99.0	99.	0.0
29	10	82	10	7.6	-.21	.90	1.4	20.	99.0	99.	0.0
29	10	82	11	8.9	-.30	.83	2.1	22.	99.0	99.	0.0
29	10	82	12	9.3	-.34	.80	3.2	22.	99.0	99.	0.0
29	10	82	13	8.7	-.13	.85	3.1	21.	99.0	99.	0.0
29	10	82	14	8.9	-.12	.88	2.2	19.	99.0	99.	0.0
29	10	82	15	8.7	-.08	.92	2.8	20.	99.0	99.	0.0
29	10	82	16	8.0	-.05	.89	4.2	20.	99.0	99.	0.0
29	10	82	17	7.1	-.03	.86	4.2	20.	99.0	99.	0.0
29	10	82	18	6.9	-.01	.86	4.5	21.	99.0	99.	0.0
29	10	82	19	6.9	-.00	.86	3.2	22.	99.0	99.	0.0
29	10	82	20	6.8	-.00	.86	2.2	23.	99.0	99.	0.0
29	10	82	21	6.6	-.01	.86	1.3	21.	99.0	99.	0.0
29	10	82	22	6.0	-.03	.95	1.2	20.	99.0	99.	0.0
29	10	82	23	6.3	.06	.96	2.1	19.	99.0	99.	.1
29	10	82	24	6.9	.02	.96	2.1	21.	99.0	99.	0.0
30	10	82	1	7.8	.03	.96	3.4	21.	99.0	99.	0.0
30	10	82	2	8.4	.03	.96	3.4	22.	99.0	99.	0.0
30	10	82	3	8.8	.01	.95	3.0	21.	99.0	99.	0.0
30	10	82	4	9.1	.00	.95	3.4	20.	99.0	99.	0.0
30	10	82	5	9.3	.03	.94	2.9	20.	99.0	99.	0.0
30	10	82	6	9.3	.00	.93	2.9	19.	99.0	99.	0.0
30	10	82	7	9.4	.00	.93	3.0	20.	99.0	99.	0.0
30	10	82	8	9.3	-.01	.94	2.7	19.	99.0	99.	0.0
30	10	82	9	9.5	-.02	.93	2.5	18.	99.0	99.	0.0
30	10	82	10	9.5	-.02	.93	3.0	20.	99.0	99.	0.0
30	10	82	11	9.6	-.02	.91	2.3	19.	99.0	99.	0.0
30	10	82	12	9.8	-.06	.91	2.5	19.	99.0	99.	0.0
30	10	82	13	10.8	-.25	.84	3.7	22.	99.0	99.	0.0
30	10	82	14	10.4	-.09	.86	4.0	23.	99.0	99.	0.0
30	10	82	15	10.1	-.04	.87	3.8	22.	99.0	99.	0.0
30	10	82	16	9.8	-.00	.89	1.7	22.	99.0	99.	0.0
30	10	82	17	9.4	.08	.90	1.3	1017.	99.0	99.	0.0
30	10	82	18	9.2	.16	.92	1.3	14.	99.0	99.	0.0
30	10	82	19	8.8	.19	.94	1.1	21.	99.0	99.	0.0
30	10	82	20	8.6	.18	.95	.9	29.	99.0	99.	.1
30	10	82	21	8.4	.22	.96	1.6	31.	99.0	99.	.1
30	10	82	22	8.3	.26	.96	2.2	33.	99.0	99.	.2
30	10	82	23	8.2	.19	.95	1.7	34.	99.0	99.	.5
30	10	82	24	8.0	.18	.95	1.4	33.	99.0	99.	.5

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
31	10	82	1	7.8	.20	.95	.5	1031.	99.0	99.	.1
31	10	82	2	7.7	.18	.95	.8	1.	99.0	99.	.1
31	10	82	3	7.7	.16	.95	1.5	34.	99.0	99.	.5
31	10	82	4	7.6	.17	.95	1.7	33.	99.0	99.	0.0
31	10	82	5	7.6	.11	.95	1.8	35.	99.0	99.	0.0
31	10	82	6	7.4	.14	.95	2.0	34.	99.0	99.	0.0
31	10	82	7	7.0	.23	.95	2.1	35.	99.0	99.	0.0
31	10	82	8	6.8	.21	.90	1.8	3.	99.0	99.	0.0
31	10	82	9	6.9	.11	.88	2.1	34.	99.0	99.	0.0
31	10	82	10	6.9	0.00	.89	1.6	33.	99.0	99.	0.0
31	10	82	11	6.6	-.06	.92	1.9	35.	99.0	99.	.3
31	10	82	12	6.5	-.07	.93	1.1	0.	99.0	99.	.5
31	10	82	13	6.6	-.10	.93	.9	34.	99.0	99.	.1
31	10	82	14	6.6	-.10	.93	.7	35.	99.0	99.	.2
31	10	82	15	6.3	-.06	.94	.9	1.	99.0	99.	.2
31	10	82	16	6.2	-.04	.94	.8	33.	99.0	99.	.3
31	10	82	17	6.1	0.00	.94	.3	1.	99.0	99.	.2
31	10	82	18	6.1	0.00	.94	.3	2.	99.0	99.	1.0
31	10	82	19	6.1	.01	.94	.6	1004.	99.0	99.	2.5
31	10	82	20	6.1	.02	.94	.8	1.	99.0	99.	2.7
31	10	82	21	6.1	.02	.94	.7	11.	99.0	99.	.5
31	10	82	22	6.2	0.00	.94	1.0	11.	99.0	99.	.6
31	10	82	23	6.3	.11	.94	.7	18.	99.0	99.	.2
31	10	82	24	6.5	.21	.94	.7	14.	99.0	99.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
1	11	82	1	6.6	.19	.94	.8	17.	99.0	99.	0.0
1	11	82	2	6.5	.28	.94	.7	16.	99.0	99.	.1
1	11	82	3	6.7	.13	.94	1.0	16.	99.0	99.	0.0
1	11	82	4	6.6	.16	.94	.9	14.	99.0	99.	0.0
1	11	82	5	6.6	.19	.94	.5	15.	99.0	99.	0.0
1	11	82	6	6.6	.14	.94	.7	17.	99.0	99.	.1
1	11	82	7	6.6	.09	.94	1.0	15.	99.0	99.	.6
1	11	82	8	6.8	.06	.94	1.4	13.	99.0	99.	.1
1	11	82	9	7.4	.01	.94	3.0	17.	99.0	99.	.1
1	11	82	10	7.7	0.00	.94	3.1	17.	1.6	14.	.1
1	11	82	11	7.7	-.01	.94	3.2	16.	2.3	14.	.3
1	11	82	12	8.0	-.00	.94	3.7	16.	2.3	14.	.5
1	11	82	13	8.2	-.02	.94	3.7	16.	2.2	13.	1.1
1	11	82	14	8.6	.02	.94	3.0	16.	2.6	14.	.7
1	11	82	15	9.6	.01	.94	2.9	21.	2.1	16.	.5
1	11	82	16	9.7	0.00	.95	2.8	20.	2.4	17.	.1
1	11	82	17	9.7	.02	.95	2.4	20.	1.5	16.	0.0
1	11	82	18	9.4	.10	.94	2.3	21.	1.6	16.	0.0
1	11	82	19	9.1	.18	.95	1.7	22.	1.5	16.	0.0
1	11	82	20	9.2	.12	.94	1.7	19.	1.8	15.	0.0
1	11	82	21	9.1	.04	.94	1.6	23.	1.1	17.	.4
1	11	82	22	8.9	.10	.94	2.1	1023.	1.7	20.	.3
1	11	82	23	8.7	.08	.94	1.2	27.	1.5	22.	0.0
1	11	82	24	7.9	.22	.94	1.3	1026.	2.1	24.	0.0
2	11	82	1	7.7	.27	.93	2.3	27.	2.9	25.	0.0
2	11	82	2	6.7	.28	.93	2.4	35.	2.3	38.	0.0
2	11	82	3	6.3	.12	.94	1.6	30.	1.8	25.	0.0
2	11	82	4	5.4	.67	.94	1.2	26.	.8	24.	0.0
2	11	82	5	5.3	.80	.94	2.0	25.	.8	38.	0.0
2	11	82	6	5.2	.61	.90	1.5	25.	1.6	2.	0.0
2	11	82	7	4.9	.68	.89	2.3	25.	1.6	1.	0.0
2	11	82	8	5.9	.36	.84	2.4	25.	1.9	1.	0.0
2	11	82	9	7.2	.01	.82	1.9	30.	1.6	1.	0.0
2	11	82	10	9.0	-.26	.79	1.3	22.	1.1	2.	0.0
2	11	82	11	9.9	-.46	.60	2.3	23.	1.1	22.	0.0
2	11	82	12	10.7	-.51	.49	1.7	21.	1.4	14.	0.0
2	11	82	13	11.4	-.28	.46	3.8	25.	3.3	22.	0.0
2	11	82	14	11.8	-.21	.42	3.8	25.	3.5	24.	0.0
2	11	82	15	11.4	-.17	.42	3.1	25.	3.6	25.	0.0
2	11	82	16	9.9	.08	.47	4.9	25.	3.1	24.	0.0
2	11	82	17	8.3	.21	.55	4.0	24.	3.6	24.	0.0
2	11	82	18	6.9	.29	.62	2.1	22.	2.5	14.	0.0
2	11	82	19	7.2	.16	.61	4.0	23.	2.1	20.	0.0
2	11	82	20	6.4	.20	.66	2.7	21.	2.5	20.	0.0
2	11	82	21	5.9	.20	.71	2.7	23.	3.8	24.	0.0
2	11	82	22	4.9	.32	.76	1.6	1009.	2.3	24.	0.0
2	11	82	23	5.6	.21	.69	2.8	27.	3.5	25.	0.0
2	11	82	24	4.8	.26	.70	1.9	32.	2.6	24.	0.0
3	11	82	1	5.2	.28	.65	1.8	26.	2.8	25.	0.0
3	11	82	2	5.5	.19	.63	3.0	28.	3.1	25.	0.0
3	11	82	3	5.8	.19	.63	4.5	30.	4.3	25.	0.0
3	11	82	4	5.6	.16	.63	3.0	30.	3.5	25.	0.0
3	11	82	5	5.8	.17	.61	2.4	26.	3.1	24.	0.0
3	11	82	6	5.5	.15	.64	2.3	23.	3.1	21.	0.0
3	11	82	7	4.7	.22	.71	2.4	24.	3.2	21.	0.0
3	11	82	8	5.2	.18	.73	2.1	26.	1.6	36.	0.0
3	11	82	9	5.5	.53	.76	1.0	21.	1.2	12.	0.0
3	11	82	10	7.8	.34	.72	1.2	21.	1.5	15.	0.0
3	11	82	11	11.0	-.16	.59	4.8	24.	3.9	23.	0.0
3	11	82	12	11.1	-.14	.58	4.4	24.	2.9	23.	0.0
3	11	82	13	12.9	-.18	.49	4.2	26.	3.7	25.	0.0
3	11	82	14	13.3	-.16	.44	4.3	29.	3.5	25.	0.0
3	11	82	15	13.1	-.16	.44	3.7	30.	2.3	29.	0.0
3	11	82	16	11.7	.07	.48	3.2	28.	2.5	24.	0.0
3	11	82	17	9.6	.25	.55	1.5	27.	1.2	24.	0.0
3	11	82	18	9.1	.23	.59	2.3	28.	3.2	25.	0.0
3	11	82	19	8.0	.21	.66	2.7	25.	1.7	21.	0.0
3	11	82	20	8.0	.21	.65	3.1	26.	1.7	24.	0.0
3	11	82	21	7.6	.16	.64	2.1	28.	2.9	24.	0.0
3	11	82	22	6.4	.31	.69	1.5	30.	3.2	22.	0.0
3	11	82	23	6.4	.30	.73	1.4	31.	3.5	24.	0.0
3	11	82	24	6.0	.29	.75	.8	2.	4.3	24.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
4	11	82	1	5.5	.29	.78	1.2	30.	3.1	24.	0.0
4	11	82	2	5.5	.32	.81	1.2	29.	3.4	24.	0.0
4	11	82	3	6.1	.19	.81	2.6	25.	2.6	24.	0.0
4	11	82	4	5.4	.31	.84	1.7	26.	1.1	35.	0.0
4	11	82	5	5.2	.43	.84	1.9	24.	2.0	36.	0.0
4	11	82	6	4.0	.72	.91	1.3	26.	2.3	36.	0.0
4	11	82	7	2.7	1.34	.94	1.5	1030.	2.8	36.	0.0
4	11	82	8	2.2	.87	.93	2.2	31.	1.8	36.	0.0
4	11	82	9	4.6	.92	.83	2.7	36.	2.5	36.	0.0
4	11	82	10	5.6	1.04	.82	3.6	32.	1.1	5.	0.0
4	11	82	11	7.7	-.22	.58	2.9	35.	2.4	1.	0.0
4	11	82	12	8.1	-.26	.38	4.0	1.	6.0	36.	0.0
4	11	82	13	8.1	-.27	.32	4.6	5.	6.6	1.	0.0
4	11	82	14	6.9	-.20	.34	3.9	4.	5.4	1.	0.0
4	11	82	15	6.3	-.13	.29	3.9	3.	4.5	1.	0.0
4	11	82	16	4.6	.09	.25	3.5	3.	4.0	2.	0.0
4	11	82	17	3.3	.23	.23	3.6	3.	2.4	36.	0.0
4	11	82	18	2.5	.35	.25	3.1	3.	3.1	36.	0.0
4	11	82	19	1.4	.38	.31	3.1	1.	2.6	1.	0.0
4	11	82	20	.6	.45	.37	1.8	33.	1.1	3.	0.0
4	11	82	21	.2	.58	.43	2.5	36.	2.5	1.	0.0
4	11	82	22	.1	.55	.41	2.5	0.	1.6	1.	0.0
4	11	82	23	-.3	.79	.50	2.4	34.	1.9	1.	0.0
4	11	82	24	-1.1	.69	.57	2.5	34.	2.1	2.	0.0
5	11	82	1	-1.7	.70	.66	3.1	33.	1.5	1.	0.0
5	11	82	2	-2.2	.32	.82	2.6	31.	1.9	2.	0.0
5	11	82	3	-2.5	.32	.84	2.4	32.	1.9	1.	0.0
5	11	82	4	-2.8	.36	.84	2.7	33.	1.8	1.	0.0
5	11	82	5	-3.2	.42	.84	2.1	33.	2.1	1.	0.0
5	11	82	6	-3.4	.38	.84	2.2	33.	2.1	1.	0.0
5	11	82	7	-3.7	.39	.83	1.9	34.	2.1	1.	0.0
5	11	82	8	-3.4	.31	.85	2.0	33.	1.9	1.	0.0
5	11	82	9	-1.3	-.21	.83	1.9	33.	2.1	1.	0.0
5	11	82	10	.4	-.57	.76	1.4	33.	2.2	1.	0.0
5	11	82	11	.7	-.64	.75	1.3	33.	1.9	1.	0.0
5	11	82	12	1.6	-.80	.67	1.3	32.	1.7	1.	0.0
5	11	82	13	3.9	-.55	.55	.7	1034.	1.8	2.	0.0
5	11	82	14	4.1	-.39	.52	.7	12.	1.2	1.	0.0
5	11	82	15	3.8	-.29	.56	.5	13.	1.1	2.	0.0
5	11	82	16	2.1	-.04	.64	.3	21.	1.6	1.	0.0
5	11	82	17	.5	.37	.82	1.3	33.	2.1	1.	0.0
5	11	82	18	.8	.50	.78	1.1	33.	1.9	1.	0.0
5	11	82	19	.5	.52	.80	.8	32.	1.6	2.	0.0
5	11	82	20	-.0	.45	.85	1.1	32.	1.2	1.	0.0
5	11	82	21	-.6	.27	.91	2.3	32.	1.9	1.	0.0
5	11	82	22	-.7	.35	.89	1.6	33.	2.0	1.	0.0
5	11	82	23	-.5	.47	.88	1.3	32.	1.5	1.	0.0
5	11	82	24	-.5	.71	.89	.8	32.	1.4	1.	0.0
6	11	82	1	-.6	.40	.91	1.3	32.	1.4	1.	0.0
6	11	82	2	-1.0	.65	.93	1.6	29.	1.3	1.	0.0
6	11	82	3	-.8	.65	.93	1.8	30.	1.9	1.	0.0
6	11	82	4	-1.0	1.02	.93	1.8	31.	1.7	1.	0.0
6	11	82	5	-1.7	.96	.94	1.3	31.	1.5	1.	0.0
6	11	82	6	-1.5	.51	.95	2.0	33.	1.7	1.	0.0
6	11	82	7	-1.0	.14	.94	1.5	32.	2.1	1.	0.0
6	11	82	8	-.9	.22	.92	1.5	33.	1.7	1.	0.0
6	11	82	9	-.5	.09	.91	1.5	32.	1.6	1.	0.0
6	11	82	10	.1	-.02	.91	1.3	33.	1.6	1.	0.0
6	11	82	11	.8	-.10	.90	1.2	33.	1.3	1.	0.0
6	11	82	12	2.2	-.13	.84	.5	33.	1.5	1.	0.0
6	11	82	13	3.4	-.10	.77	.2	1018.	1.6	1.	0.0
6	11	82	14	3.3	-.04	.75	1.1	18.	1.7	1.	0.0
6	11	82	15	3.6	0.00	.67	1.8	19.	1.8	1.	0.0
6	11	82	16	3.1	.21	.69	1.2	19.	2.0	1.	0.0
6	11	82	17	2.3	.50	.76	1.2	21.	2.1	1.	0.0
6	11	82	18	1.6	.67	.84	1.1	30.	2.1	1.	0.0
6	11	82	19	1.3	.61	.85	.6	34.	2.0	1.	0.0
6	11	82	20	.9	.96	.88	.7	29.	1.9	1.	0.0
6	11	82	21	.4	1.02	.88	.6	33.	1.7	1.	0.0
6	11	82	22	.2	1.53	.90	1.3	35.	1.9	1.	0.0
6	11	82	23	-.3	1.55	.93	1.6	35.	1.8	1.	0.0
6	11	82	24	-.3	1.57	.92	1.3	0.	1.7	1.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HFR	P-TA
7	11	82	1	-.5	1.39	.94	2.0	34.	1.8	1.	0.0
7	11	82	2	-.5	1.49	.94	1.5	36.	2.0	1.	0.0
7	11	82	3	-.7	1.13	.94	2.3	34.	2.1	1.	0.0
7	11	82	4	-.7	1.00	.94	2.0	34.	2.3	1.	0.0
7	11	82	5	-.8	.64	.94	2.2	34.	2.1	1.	0.0
7	11	82	6	-1.0	.58	.94	2.6	33.	1.3	2.	0.0
7	11	82	7	-.8	.42	.94	2.2	32.	1.6	2.	0.0
7	11	82	8	-.4	.40	.94	2.6	33.	1.6	1.	0.0
7	11	82	9	.0	.31	.94	2.3	34.	1.4	1.	0.0
7	11	82	10	1.2	.05	.94	2.0	34.	1.5	1.	0.0
7	11	82	11	3.0	-.15	.89	1.2	35.	1.9	1.	0.0
7	11	82	12	3.6	-.22	.86	1.2	33.	1.5	1.	0.0
7	11	82	13	5.3	-.53	.78	1.0	34.	2.4	1.	0.0
7	11	82	14	5.9	-.35	.76	.7	36.	2.8	1.	0.0
7	11	82	15	4.4	.21	.82	.7	7.	2.3	1.	0.0
7	11	82	16	4.3	.24	.86	2.2	14.	2.1	1.	0.0
7	11	82	17	5.0	.09	.84	2.9	14.	1.6	1.	0.0
7	11	82	18	4.0	.02	.81	3.5	11.	2.1	6.	0.0
7	11	82	19	2.0	.12	.85	3.3	8.	4.6	6.	0.0
7	11	82	20	1.4	.20	.83	2.6	6.	4.0	3.	0.0
7	11	82	21	1.2	.17	.79	2.4	7.	2.6	36.	0.0
7	11	82	22	.6	.24	.78	1.8	4.	2.5	36.	0.0
7	11	82	23	-.2	.29	.81	1.4	1.	2.6	1.	0.0
7	11	82	24	.0	.21	.81	2.5	4.	4.9	1.	0.0
8	11	82	1	-.2	.26	.80	1.9	5.	3.8	1.	0.0
8	11	82	2	-.3	.17	.80	2.7	3.	4.4	1.	0.0
8	11	82	3	-.5	.11	.83	2.9	2.	4.6	1.	0.0
8	11	82	4	-.8	.13	.86	3.1	3.	6.6	1.	0.0
8	11	82	5	-.6	.07	.85	4.3	6.	6.1	2.	0.0
8	11	82	6	-.3	.00	.85	4.4	4.	6.6	1.	0.0
8	11	82	7	-.2	-.02	.84	4.9	5.	5.9	2.	0.0
8	11	82	8	-.1	-.02	.84	3.7	3.	5.3	1.	0.0
8	11	82	9	.0	-.01	.84	3.4	4.	6.2	1.	0.0
8	11	82	10	.1	-.04	.84	5.1	4.	5.4	2.	0.0
8	11	82	11	.2	-.05	.84	4.1	4.	5.2	2.	0.0
8	11	82	12	.4	-.05	.83	2.4	5.	4.0	2.	0.0
8	11	82	13	.3	-.05	.83	2.0	6.	4.0	2.	0.0
8	11	82	14	.2	-.06	.84	1.9	6.	4.1	2.	0.0
8	11	82	15	-.1	-.05	.88	1.8	5.	4.8	2.	0.0
8	11	82	16	-.0	-.02	.89	3.2	6.	5.1	2.	0.0
8	11	82	17	.0	-.05	.89	2.0	5.	3.7	1.	0.0
8	11	82	18	-.1	-.01	.93	2.4	4.	5.4	1.	.1
8	11	82	19	-.1	-.02	.93	1.9	3.	3.6	1.	.1
8	11	82	20	.1	.02	.93	1.8	3.	4.1	1.	0.0
8	11	82	21	.4	.02	.92	1.8	3.	3.6	2.	0.0
8	11	82	22	.6	.01	.92	1.8	4.	3.9	2.	0.0
8	11	82	23	.8	-.03	.92	2.9	6.	4.2	2.	0.0
8	11	82	24	.9	-.02	.93	3.5	6.	4.2	2.	0.0
9	11	82	1	1.1	-.02	.92	3.1	6.	3.8	2.	.1
9	11	82	2	1.2	.01	.92	3.1	5.	5.6	2.	0.0
9	11	82	3	1.4	.03	.92	2.7	4.	4.3	2.	2.3
9	11	82	4	1.6	.05	.93	1.7	9.	4.6	2.	.1
9	11	82	5	2.2	.07	.88	1.4	8.	4.0	2.	.5
9	11	82	6	2.7	.21	.93	1.4	8.	3.9	36.	1.3
9	11	82	7	3.3	.23	.94	2.0	9.	3.1	36.	1.0
9	11	82	8	3.8	.62	.94	1.1	1030.	2.2	1.	1.1
9	11	82	9	3.4	.53	.94	1.7	31.	.9	38.	0.0
9	11	82	10	3.9	.62	.94	1.0	24.	1.1	38.	0.0
9	11	82	11	5.7	.62	.94	1.9	17.	2.1	36.	.4
9	11	82	12	7.7	.24	.94	3.2	19.	1.7	1.	3.6
9	11	82	13	9.0	.06	.94	6.1	20.	2.0	18.	.9
9	11	82	14	9.1	.03	.93	6.0	20.	2.9	19.	.8
9	11	82	15	9.0	.02	.92	4.1	20.	2.4	17.	.4
9	11	82	16	8.6	.06	.93	2.0	17.	1.6	13.	.4
9	11	82	17	8.3	.10	.93	2.4	22.	1.5	17.	.2
9	11	82	18	8.1	.14	.93	1.6	20.	1.8	36.	0.0
9	11	82	19	7.3	.32	.93	1.2	1022.	2.9	1.	0.0
9	11	82	20	5.2	.87	.93	2.2	31.	2.4	1.	0.0
9	11	82	21	4.4	.37	.93	2.0	31.	2.1	1.	0.0
9	11	82	22	4.2	.32	.93	2.0	30.	.9	36.	0.0
9	11	82	23	4.0	.07	.93	1.6	31.	1.1	25.	0.0
9	11	82	24	3.8	.27	.93	2.3	29.	2.1	26.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
10	11	82	1	3.0	.61	.93	1.1	1026.	2.7	36.	0.0
10	11	82	2	2.7	.41	.93	1.4	24.	.9	36.	0.0
10	11	82	3	3.4	1.10	.93	2.8	22.	.8	36.	0.0
10	11	82	4	4.6	.51	.93	3.5	23.	.6	38.	0.0
10	11	82	5	6.0	.28	.90	5.0	23.	1.3	18.	0.0
10	11	82	6	6.3	.13	.89	3.2	20.	2.3	16.	0.0
10	11	82	7	6.7	.10	.89	4.5	22.	2.5	17.	0.0
10	11	82	8	6.9	.08	.84	5.0	21.	3.2	18.	0.0
10	11	82	9	7.2	.04	.83	4.4	21.	2.6	18.	0.0
10	11	82	10	7.8	.05	.82	4.9	21.	3.1	18.	0.0
10	11	82	11	8.8	-.01	.81	5.7	21.	3.7	18.	0.0
10	11	82	12	9.2	0.00	.84	6.0	20.	3.8	18.	0.0
10	11	82	13	8.6	.00	.92	6.4	20.	3.8	17.	0.0
10	11	82	14	9.0	.02	.93	5.7	21.	3.5	17.	1.1
10	11	82	15	9.2	.04	.92	4.3	21.	3.0	17.	.1
10	11	82	16	8.8	.13	.90	4.2	21.	3.6	16.	0.0
10	11	82	17	8.5	.12	.89	5.0	20.	3.2	16.	0.0
10	11	82	18	7.8	.16	.86	4.8	22.	3.0	16.	0.0
10	11	82	19	7.5	.16	.85	3.4	20.	2.6	16.	0.0
10	11	82	20	7.1	.19	.86	3.2	21.	1.7	15.	0.0
10	11	82	21	6.9	.24	.85	2.7	19.	2.3	16.	0.0
10	11	82	22	7.1	.21	.85	3.7	19.	2.9	16.	0.0
10	11	82	23	7.8	.12	.82	4.6	20.	3.6	16.	0.0
10	11	82	24	8.3	.09	.88	6.3	22.	4.2	19.	1.8
11	11	82	1	8.7	.03	.92	8.6	21.	4.9	20.	4.5
11	11	82	2	8.5	.06	.80	8.6	24.	8.2	20.	1.8
11	11	82	3	7.6	.06	.74	7.5	25.	6.3	22.	0.0
11	11	82	4	6.8	.07	.77	5.7	24.	4.0	21.	0.0
11	11	82	5	6.6	.08	.76	5.8	25.	4.3	21.	0.0
11	11	82	6	6.3	.09	.73	5.2	24.	4.7	21.	0.0
11	11	82	7	5.8	.17	.77	4.8	23.	3.4	20.	0.0
11	11	82	8	6.2	.11	.74	5.5	24.	3.8	20.	0.0
11	11	82	9	7.1	.01	.70	4.2	24.	4.0	20.	0.0
11	11	82	10	8.1	-.09	.67	4.8	23.	4.3	20.	0.0
11	11	82	11	8.9	-.16	.62	5.4	23.	5.3	21.	0.0
11	11	82	12	9.5	-.07	.54	7.1	24.	6.9	21.	0.0
11	11	82	13	10.0	-.09	.50	7.7	25.	7.4	21.	0.0
11	11	82	14	9.6	-.06	.50	8.3	26.	9.4	21.	0.0
11	11	82	15	8.7	-.01	.54	8.6	26.	9.9	22.	0.0
11	11	82	16	7.6	.05	.61	7.2	26.	11.4	21.	0.0
11	11	82	17	7.2	.08	.62	6.1	25.	5.9	21.	0.0
11	11	82	18	7.0	.07	.62	6.2	25.	5.6	21.	0.0
11	11	82	19	6.6	.11	.64	4.5	25.	2.3	21.	0.0
11	11	82	20	6.0	.23	.68	3.2	22.	1.6	13.	0.0
11	11	82	21	5.5	.20	.72	2.1	23.	1.7	16.	0.0
11	11	82	22	5.2	.22	.74	1.5	1025.	2.7	19.	0.0
11	11	82	23	6.0	.19	.73	4.5	24.	1.7	20.	0.0
11	11	82	24	6.2	.10	.75	4.0	24.	1.4	21.	0.0
12	11	82	1	5.0	.18	.81	1.3	1021.	1.9	22.	0.0
12	11	82	2	5.2	.35	.83	1.5	23.	1.7	18.	0.0
12	11	82	3	6.0	.08	.82	1.2	19.	1.5	16.	0.0
12	11	82	4	6.4	.13	.83	2.0	17.	1.7	12.	0.0
12	11	82	5	5.9	.46	.90	2.1	14.	1.5	1.	0.0
12	11	82	6	5.9	.29	.93	2.0	13.	2.3	1.	.3
12	11	82	7	6.8	.24	.94	2.6	13.	2.8	1.	1.5
12	11	82	8	9.1	.06	.94	5.3	20.	1.8	1.	.5
12	11	82	9	9.1	.03	.92	6.0	21.	3.9	18.	.1
12	11	82	10	8.9	.00	.87	5.0	20.	3.8	16.	0.0
12	11	82	11	9.0	.00	.90	6.3	20.	4.6	16.	0.0
12	11	82	12	8.8	-.01	.90	6.0	20.	4.9	16.	0.0
12	11	82	13	8.5	.02	.91	5.9	19.	5.2	16.	0.0
12	11	82	14	8.3	-.18	.93	5.3	18.	5.6	16.	.1
12	11	82	15	8.4	-.00	.93	5.9	16.	5.4	16.	.2
12	11	82	16	8.7	0.00	.94	6.2	17.	5.2	16.	.3
12	11	82	17	9.1	.02	.93	6.1	17.	6.4	16.	.2
12	11	82	18	9.4	0.00	.91	7.1	19.	6.4	16.	.3
12	11	82	19	9.5	.02	.90	6.9	19.	5.4	16.	0.0
12	11	82	20	9.4	.01	.90	7.3	19.	6.1	16.	0.0
12	11	82	21	9.2	.01	.92	7.5	20.	5.6	16.	.8
12	11	82	22	9.2	.00	.93	7.9	19.	6.1	16.	1.1
12	11	82	23	9.2	0.00	.93	7.2	19.	5.6	16.	2.4
12	11	82	24	9.0	.01	.93	5.1	20.	3.3	16.	2.8

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	[illegible]
13	11	82	1	8.5	.03	.93	3.5	20.	2.5	16.	4.0
13	11	82	2	8.5	.04	.93	2.7	19.	2.1	16.	2.4
13	11	82	3	8.5	.02	.93	1.7	22.	1.7	16.	.5
13	11	82	4	8.6	.01	.94	2.6	22.	1.3	18.	.2
13	11	82	5	8.3	.07	.94	2.0	20.	1.2	16.	2.7
13	11	82	6	8.1	.07	.94	.9	23.	1.1	1.	3.8
13	11	82	7	7.7	.06	.94	.9	13.	1.1	1.	2.1
13	11	82	8	7.3	.11	.94	1.1	32.	.7	4.	.4
13	11	82	9	7.1	.04	.94	2.3	31.	1.1	2.	.1
13	11	82	10	7.2	.03	.94	3.1	31.	1.9	36.	.1
13	11	82	11	7.2	.00	.93	3.2	32.	3.3	29.	.2
13	11	82	12	7.6	-.12	.83	2.5	31.	3.4	26.	.1
13	11	82	13	8.4	-.19	.67	4.3	32.	2.9	28.	0.0
13	11	82	14	7.8	-.09	.58	4.1	31.	2.1	29.	0.0
13	11	82	15	6.7	.07	.55	3.5	31.	2.3	30.	0.0
13	11	82	16	5.6	.24	.56	3.5	31.	1.9	26.	0.0
13	11	82	17	4.8	.29	.58	3.7	32.	1.4	36.	0.0
13	11	82	18	4.8	.25	.53	3.8	32.	2.1	28.	0.0
13	11	82	19	4.5	.14	.55	3.5	32.	1.6	31.	0.0
13	11	82	20	4.1	.16	.55	3.2	32.	.9	32.	0.0
13	11	82	21	3.0	.28	.64	2.7	31.	.9	3.	0.0
13	11	82	22	2.1	.62	.75	3.0	31.	1.1	26.	0.0
13	11	82	23	.8	.90	.84	2.2	32.	.6	2.	0.0
13	11	82	24	.2	1.18	.88	2.0	31.	1.1	2.	0.0
14	11	82	1	-.3	1.28	.90	2.0	31.	1.1	1.	0.0
14	11	82	2	-.3	.45	.91	2.8	32.	2.3	1.	0.0
14	11	82	3	-.7	.39	.90	2.9	33.	2.1	1.	0.0
14	11	82	4	-1.2	.30	.90	2.2	32.	1.6	1.	0.0
14	11	82	5	-1.4	.30	.91	2.5	32.	1.7	1.	0.0
14	11	82	6	-1.7	.35	.92	2.4	33.	1.9	1.	0.0
14	11	82	7	-1.9	.34	.92	2.5	32.	1.6	1.	0.0
14	11	82	8	-2.1	.32	.92	2.2	32.	1.9	1.	0.0
14	11	82	9	-1.5	.14	.92	2.0	32.	1.4	1.	0.0
14	11	82	10	-.8	-.17	.92	2.5	32.	2.0	1.	0.0
14	11	82	11	.3	-.23	.84	1.8	34.	2.5	1.	0.0
14	11	82	12	.7	-.24	.84	1.9	34.	2.0	1.	0.0
14	11	82	13	1.7	-.37	.81	1.5	33.	1.8	1.	0.0
14	11	82	14	1.1	-.12	.83	1.8	33.	1.7	1.	0.0
14	11	82	15	1.0	-.04	.84	1.5	34.	1.8	1.	0.0
14	11	82	16	.7	.19	.85	1.6	32.	1.9	1.	0.0
14	11	82	17	.4	.24	.89	1.2	1034.	1.3	2.	.5
14	11	82	18	.4	.16	.91	1.9	0.	2.8	1.	.6
14	11	82	19	.4	.25	.92	1.5	0.	1.8	1.	0.0
14	11	82	20	.7	.28	.92	1.4	35.	2.0	1.	0.0
14	11	82	21	.9	.21	.92	1.9	35.	2.3	1.	0.0
14	11	82	22	1.1	.12	.91	1.9	35.	2.1	2.	0.0
14	11	82	23	1.1	.03	.91	2.2	35.	2.4	1.	0.0
14	11	82	24	1.0	.06	.92	2.2	34.	2.3	1.	.8
15	11	82	1	.6	.22	.92	1.7	34.	2.1	1.	.1
15	11	82	2	1.0	.05	.92	2.0	33.	1.9	1.	0.0
15	11	82	3	.6	.16	.92	1.4	34.	1.9	2.	0.0
15	11	82	4	.7	.05	.92	2.5	31.	1.5	2.	0.0
15	11	82	5	.5	.12	.91	1.9	32.	1.6	34.	0.0
15	11	82	6	.2	.13	.88	2.9	31.	1.4	32.	0.0
15	11	82	7	-.3	.14	.90	2.7	31.	1.9	35.	0.0
15	11	82	8	-1.0	.34	.91	1.9	33.	2.1	2.	0.0
15	11	82	9	-.5	.08	.91	2.2	33.	2.1	1.	0.0
15	11	82	10	.0	-.14	.91	1.2	33.	2.4	1.	0.0
15	11	82	11	.9	-.37	.89	1.2	32.	1.8	2.	0.0
15	11	82	12	1.8	-.55	.78	1.0	30.	1.2	2.	0.0
15	11	82	13	3.6	-.73	.72	1.1	32.	1.9	2.	0.0
15	11	82	14	3.7	-.42	.72	.7	30.	1.8	1.	0.0
15	11	82	15	2.5	-.11	.80	.8	1012.	1.7	1.	0.0
15	11	82	16	.3	.23	.89	.4	1019.	2.0	1.	0.0
15	11	82	17	.0	.28	.91	1.0	31.	2.1	1.	0.0
15	11	82	18	-.6	.48	.92	.7	33.	2.3	1.	0.0
15	11	82	19	-1.0	.91	.88	1.0	32.	1.5	1.	0.0
15	11	82	20	-1.1	.44	.92	1.6	32.	1.5	1.	0.0
15	11	82	21	-1.3	.97	.88	2.9	29.	2.0	1.	0.0
15	11	82	22	-1.7	.56	.82	1.7	29.	2.1	1.	0.0
15	11	82	23	-2.4	.88	.92	1.4	28.	1.7	1.	0.0
15	11	82	24	-2.8	.96	.92	1.2	28.	1.5	1.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	F-TA
16	11	82	1	-2.6	1.21	.92	2.1	25.	1.7	1.	0.0
16	11	82	2	-1.4	.86	.89	1.8	27.	2.0	36.	0.0
16	11	82	3	-1.5	.96	.90	1.0	1016.	1.5	36.	0.0
16	11	82	4	-.7	.80	.89	2.1	20.	.5	2.	0.0
16	11	82	5	.1	.32	.89	2.1	20.	1.1	38.	0.0
16	11	82	6	1.0	.31	.88	2.4	18.	1.4	15.	0.0
16	11	82	7	1.8	.21	.87	2.4	19.	1.7	16.	0.0
16	11	82	8	3.0	.15	.81	4.5	22.	2.6	18.	0.0
16	11	82	9	3.7	.12	.81	5.3	21.	2.9	19.	0.0
16	11	82	10	4.5	.09	.90	5.5	22.	3.2	19.	1.0
16	11	82	11	5.3	.10	.89	6.1	21.	3.6	18.	1.2
16	11	82	12	5.7	.08	.89	6.3	21.	4.4	18.	.5
16	11	82	13	6.3	.06	.92	5.1	21.	3.5	18.	2.0
16	11	82	14	6.7	.03	.91	4.0	24.	2.1	22.	3.3
16	11	82	15	6.3	.02	.89	2.6	29.	3.0	26.	.1
16	11	82	16	5.4	.13	.89	2.9	29.	3.0	25.	.3
16	11	82	17	4.4	.26	.84	2.8	31.	3.2	25.	0.0
16	11	82	18	3.8	.23	.70	4.1	30.	3.3	25.	0.0
16	11	82	19	3.4	.15	.55	4.0	29.	2.6	25.	0.0
16	11	82	20	2.2	.17	.59	3.3	28.	2.7	24.	0.0
16	11	82	21	1.5	.25	.63	3.3	24.	1.9	24.	0.0
16	11	82	22	.7	.33	.70	2.7	23.	2.1	20.	0.0
16	11	82	23	.3	.22	.76	2.9	23.	2.6	23.	0.0
16	11	82	24	.2	.23	.77	2.2	21.	.9	22.	0.0
17	11	82	1	-.8	.51	.84	1.2	21.	1.9	16.	0.0
17	11	82	2	-.7	.40	.84	1.8	17.	1.9	16.	0.0
17	11	82	3	-.9	.46	.84	2.0	18.	1.9	16.	0.0
17	11	82	4	-1.0	.33	.82	1.3	1017.	2.2	17.	0.0
17	11	82	5	-.4	.34	.79	1.8	22.	2.1	22.	0.0
17	11	82	6	-.6	.30	.82	2.3	18.	2.1	14.	0.0
17	11	82	7	-.6	.26	.83	1.2	23.	2.1	13.	0.0
17	11	82	8	-.8	.39	.87	2.1	14.	2.4	14.	0.0
17	11	82	9	.0	.11	.85	2.0	17.	2.1	14.	0.0
17	11	82	10	.8	-.13	.83	1.8	16.	2.6	13.	0.0
17	11	82	11	1.4	-.29	.80	1.7	18.	2.1	14.	0.0
17	11	82	12	1.7	-.33	.77	1.8	18.	1.9	16.	0.0
17	11	82	13	2.8	-.44	.70	1.4	20.	1.7	15.	0.0
17	11	82	14	2.7	-.29	.67	3.1	22.	2.6	19.	0.0
17	11	82	15	1.7	-.13	.60	2.4	23.	2.4	20.	0.0
17	11	82	16	.4	.24	.80	1.5	20.	2.0	13.	0.0
17	11	82	17	-.6	.45	.87	1.2	19.	1.9	14.	0.0
17	11	82	18	-.4	.36	.88	2.0	22.	1.8	19.	0.0
17	11	82	19	-.1	.18	.86	2.5	23.	1.8	24.	0.0
17	11	82	20	-.2	.22	.63	2.4	24.	1.8	38.	0.0
17	11	82	21	-1.3	.41	.65	2.3	1002.	1.9	2.	0.0
17	11	82	22	-1.5	.40	.92	1.2	29.	2.2	1.	0.0
17	11	82	23	-2.0	.32	.92	1.6	32.	2.1	1.	0.0
17	11	82	24	-2.5	.29	.93	2.7	33.	2.5	1.	0.0
18	11	82	1	-2.8	.17	.93	2.2	34.	2.1	1.	0.0
18	11	82	2	-2.6	.06	.93	2.6	34.	1.9	1.	0.0
18	11	82	3	-2.1	.00	.93	1.8	32.	1.6	36.	0.0
18	11	82	4	-2.3	0.00	.93	2.0	33.	1.9	1.	0.0
18	11	82	5	-3.4	.20	.93	1.3	33.	1.4	1.	0.0
18	11	82	6	-3.3	.16	.92	2.2	32.	1.3	2.	0.0
18	11	82	7	-3.5	.19	.91	2.4	32.	1.6	36.	0.0
18	11	82	8	-3.8	.20	.91	1.4	32.	1.1	1.	0.0
18	11	82	9	-3.5	.10	.91	1.8	32.	1.6	1.	0.0
18	11	82	10	-2.9	-.09	.91	1.2	34.	1.8	1.	0.0
18	11	82	11	-2.5	-.12	.91	1.0	36.	2.4	1.	0.0
18	11	82	12	-2.2	-.26	.90	.8	34.	1.2	3.	0.0
18	11	82	13	-2.0	-.24	.88	.6	1006.	1.9	2.	0.0
18	11	82	14	-1.9	-.14	.79	.3	1030.	1.6	1.	0.0
18	11	82	15	-2.0	.05	.87	.5	8.	1.8	2.	0.0
18	11	82	16	-2.0	.18	.89	.7	5.	2.4	36.	0.0
18	11	82	17	-1.7	.20	.91	1.5	9.	2.6	36.	.3
18	11	82	18	-.9	.08	.92	2.2	11.	2.9	36.	.2
18	11	82	19	-.5	.02	.92	3.0	11.	2.6	2.	.5
18	11	82	20	-.4	.01	.92	3.4	9.	2.5	6.	1.3
18	11	82	21	.3	.13	.92	3.5	11.	3.9	36.	1.3
18	11	82	22	1.5	.21	.92	2.7	8.	4.5	36.	2.4
18	11	82	23	.4	.02	.92	3.3	1.	5.2	36.	2.0
18	11	82	24	-.0	-.02	.92	4.0	32.	1.9	35.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-T
19	11	82	1	-.5	-.05	.91	2.9	32.	1.3	2.	0.0
19	11	82	2	-.8	.00	.89	2.7	30.	1.9	25.	0.0
19	11	82	3	-1.2	.11	.91	1.1	24.	1.6	26.	0.0
19	11	82	4	-1.5	.14	.92	.5	27.	1.9	1.	0.0
19	11	82	5	-1.7	.32	.92	.8	1028.	2.5	1.	0.0
19	11	82	6	-1.8	.77	.92	1.1	14.	.7	1.	0.0
19	11	82	7	-.3	.63	.92	2.5	20.	2.6	1.	0.0
19	11	82	8	.7	.42	.92	2.0	20.	2.4	36.	0.0
19	11	82	9	1.3	.28	.90	2.8	20.	2.1	17.	0.0
19	11	82	10	2.4	.09	.86	2.8	23.	1.9	16.	0.0
19	11	82	11	3.0	.06	.81	3.9	23.	1.9	18.	0.0
19	11	82	12	4.2	-.04	.77	4.3	24.	2.6	20.	0.0
19	11	82	13	5.0	.00	.74	6.0	24.	4.8	20.	0.0
19	11	82	14	5.1	-.01	.70	5.3	23.	4.6	20.	0.0
19	11	82	15	4.3	.04	.79	5.3	23.	4.1	20.	0.0
19	11	82	16	4.2	.11	.77	5.4	23.	3.9	20.	0.0
19	11	82	17	3.8	.10	.78	5.1	22.	2.6	18.	0.0
19	11	82	18	3.8	.12	.78	5.0	23.	2.4	19.	0.0
19	11	82	19	3.8	.10	.77	5.5	22.	2.1	17.	0.0
19	11	82	20	3.6	.10	.79	3.7	20.	2.3	16.	0.0
19	11	82	21	3.5	.10	.81	3.4	19.	2.3	15.	0.0
19	11	82	22	3.4	.16	.82	4.2	21.	2.4	16.	0.0
19	11	82	23	3.7	.13	.82	3.4	22.	2.8	19.	0.0
19	11	82	24	3.7	.12	.82	3.3	22.	2.6	17.	0.0
20	11	82	1	3.9	.14	.82	4.1	21.	2.8	17.	0.0
20	11	82	2	3.8	.15	.84	3.5	22.	2.6	19.	0.0
20	11	82	3	3.4	.21	.83	2.6	23.	1.8	20.	0.0
20	11	82	4	3.8	.20	.78	3.8	24.	2.5	23.	0.0
20	11	82	5	4.2	.13	.74	3.1	28.	1.9	27.	0.0
20	11	82	6	4.3	.21	.69	3.4	30.	2.9	25.	0.0
20	11	82	7	4.8	.22	.59	3.9	30.	4.4	27.	0.0
20	11	82	8	4.4	.13	.53	6.2	31.	5.9	27.	0.0
20	11	82	9	4.2	.12	.46	7.4	30.	5.2	26.	0.0
20	11	82	10	4.1	.06	.45	6.6	30.	4.9	26.	0.0
20	11	82	11	4.6	-.10	.47	5.5	30.	4.1	28.	0.0
20	11	82	12	5.3	-.15	.45	6.9	31.	4.1	29.	0.0
20	11	82	13	5.5	-.15	.40	6.7	31.	5.2	28.	0.0
20	11	82	14	5.2	-.10	.39	6.1	31.	3.7	29.	0.0
20	11	82	15	4.8	-.01	.41	5.2	32.	3.7	29.	0.0
20	11	82	16	3.6	.20	.48	3.7	33.	2.3	29.	0.0
20	11	82	17	3.2	.23	.50	2.5	31.	2.4	30.	0.0
20	11	82	18	2.1	.27	.53	1.4	28.	2.3	24.	0.0
~~20~~	~~11~~	~~82~~	~~19~~	~~2.1~~	~~.28~~	~~.54~~	~~2.0~~	~~27.~~	~~3.2~~	~~26.~~	~~0.0~~
20	11	82	20	2.2	.18	.56	2.5	1028.	3.6	26.	0.0
20	11	82	21	1.8	.24	.58	2.2	30.	2.0	26.	0.0
20	11	82	22	.9	.37	.65	2.2	31.	1.3	26.	0.0
20	11	82	23	.4	.50	.69	2.7	32.	1.9	26.	0.0
20	11	82	24	.8	.39	.65	2.7	31.	2.8	25.	0.0
21	11	82	1	1.1	.26	.59	2.0	28.	2.8	25.	0.0
21	11	82	2	.2	.38	.61	1.6	29.	.9	26.	0.0
21	11	82	3	-.2	.59	.64	1.5	26.	1.1	1.	0.0
21	11	82	4	-1.2	.72	.70	1.7	23.	1.1	26.	0.0
21	11	82	5	-.6	.30	.66	1.7	26.	1.5	28.	0.0
21	11	82	6	-.9	.29	.69	1.0	27.	2.4	36.	0.0
21	11	82	7	-1.7	.62	.76	.7	7.	3.3	1.	0.0
21	11	82	8	-1.4	.42	.82	1.5	28.	1.9	2.	0.0
21	11	82	9	-1.2	.72	.84	1.0	32.	2.4	1.	0.0
21	11	82	10	-.6	.52	.80	.7	1.	2.6	1.	0.0
21	11	82	11	-.0	1.00	.81	1.0	7.	2.7	2.	0.0
21	11	82	12	-.1	1.07	.85	1.4	10.	2.1	2.	.6
21	11	82	13	1.0	.73	.92	2.6	12.	1.5	1.	.1
21	11	82	14	4.1	.45	.92	5.1	16.	1.9	38.	2.3
21	11	82	15	4.9	.08	.90	5.3	17.	4.8	16.	2.6
21	11	82	16	5.1	.10	.91	5.3	17.	3.9	16.	3.0
21	11	82	17	6.0	.05	.92	7.4	16.	6.0	15.	2.5
21	11	82	18	6.6	.04	.92	7.4	19.	5.9	17.	3.0
21	11	82	19	7.3	.04	.92	8.0	20.	4.3	18.	1.5
21	11	82	20	7.7	.04	.93	7.7	20.	5.3	19.	2.8
21	11	82	21	7.8	.04	.93	9.9	21.	6.9	19.	2.0
21	11	82	22	8.1	.05	.91	10.8	21.	6.6	20.	2.2
21	11	82	23	8.3	.06	.90	8.5	22.	6.4	20.	.5
21	11	82	24	7.2	.05	.77	7.9	24.	6.2	20.	.2

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	P-TA
22	11	82	1	6.4	.10	.81	6.6	23.	5.0	20.	0.0
22	11	82	2	6.2	.08	.79	5.7	24.	4.6	21.	0.0
22	11	82	3	5.7	.06	.78	5.0	25.	3.7	21.	0.0
22	11	82	4	5.2	.09	.75	5.6	25.	3.4	21.	0.0
22	11	82	5	4.7	.07	.76	4.4	25.	2.4	22.	0.0
22	11	82	6	3.8	.16	.80	3.2	23.	1.6	18.	0.0
22	11	82	7	3.4	.26	.83	1.9	20.	1.7	16.	0.0
22	11	82	8	3.2	.27	.78	3.0	22.	2.1	19.	0.0
22	11	82	9	3.6	.14	.78	3.6	22.	2.6	20.	0.0
22	11	82	10	4.6	-.02	.77	3.3	22.	3.0	20.	0.0
22	11	82	11	5.2	-.06	.71	6.3	23.	4.7	21.	0.0
22	11	82	12	4.6	-.03	.79	6.6	24.	6.4	22.	1.4
22	11	82	13	3.6	-.00	.85	6.5	25.	5.6	21.	.2
22	11	82	14	4.1	-.04	.82	5.3	23.	3.7	21.	0.0
22	11	82	15	4.5	.04	.80	6.8	24.	5.3	21.	0.0
22	11	82	16	4.3	.05	.80	6.4	25.	4.5	22.	0.0
22	11	82	17	4.2	.08	.79	5.4	26.	2.8	23.	0.0
22	11	82	18	4.0	.13	.77	3.7	25.	2.3	20.	0.0
22	11	82	19	3.8	.10	.80	5.3	24.	3.4	21.	0.0
22	11	82	20	4.2	.11	.80	5.2	22.	2.8	19.	0.0
22	11	82	21	5.1	.14	.78	5.7	22.	3.8	20.	0.0
22	11	82	22	6.6	.09	.74	7.4	22.	6.4	20.	0.0
22	11	82	23	6.6	.09	.84	10.7	22.	8.3	20.	.8
22	11	82	24	6.5	.10	.87	9.7	22.	6.9	20.	.3
23	11	82	1	6.7	.06	.81	9.8	23.	8.4	20.	.7
23	11	82	2	6.0	.04	.82	8.5	25.	8.0	22.	1.2
23	11	82	3	4.3	.17	.85	5.1	25.	4.2	21.	0.0
23	11	82	4	4.4	.13	.78	5.5	25.	4.1	20.	0.0
23	11	82	5	4.7	.10	.72	6.8	25.	4.9	21.	0.0
23	11	82	6	4.6	.10	.74	5.8	24.	4.2	21.	0.0
23	11	82	7	4.9	.10	.72	6.3	24.	5.1	22.	0.0
23	11	82	8	4.8	.12	.74	4.6	24.	3.9	20.	0.0
23	11	82	9	4.8	.12	.77	4.6	24.	3.1	20.	0.0
23	11	82	10	4.9	.08	.78	4.6	22.	3.1	19.	0.0
23	11	82	11	5.7	-.05	.76	2.6	22.	3.1	20.	0.0
23	11	82	12	6.4	-.10	.75	2.6	23.	3.1	20.	0.0
23	11	82	13	7.2	-.18	.70	2.4	23.	3.6	20.	0.0
23	11	82	14	6.7	-.02	.71	3.9	22.	3.4	20.	0.0
23	11	82	15	6.3	.06	.74	5.3	23.	2.6	20.	0.0
23	11	82	16	5.8	.17	.78	4.2	23.	1.8	20.	0.0
23	11	82	17	5.8	.11	.81	3.4	22.	2.1	16.	0.0
23	11	82	18	5.7	.06	.81	3.4	22.	1.9	14.	0.0
23	11	82	19	5.2	.09	.85	2.4	21.	1.1	14.	0.0
23	11	82	20	5.1	.05	.88	2.6	19.	1.4	13.	0.0
23	11	82	21	5.1	.09	.91	2.2	19.	1.4	16.	0.0
23	11	82	22	5.2	.12	.92	1.8	15.	.9	16.	.1
23	11	82	23	5.7	.21	.92	2.2	17.	.9	2.	0.0
23	11	82	24	5.8	.19	.92	1.9	16.	.8	8.	0.0
24	11	82	1	6.4	.11	.94	3.3	16.	1.4	14.	.4
24	11	82	2	7.0	.02	.94	3.8	18.	2.3	15.	0.0
24	11	82	3	6.9	0.00	.93	4.0	17.	2.9	16.	0.0
24	11	82	4	6.7	.00	.93	4.1	16.	3.0	15.	0.0
24	11	82	5	6.8	0.00	.93	4.4	15.	3.3	14.	.7
24	11	82	6	6.5	0.00	.93	3.4	14.	2.8	14.	.3
24	11	82	7	6.1	0.00	.93	2.4	11.	1.5	6.	.3
24	11	82	8	6.0	.01	.93	2.9	10.	1.1	3.	.3
24	11	82	9	5.9	0.00	.93	2.9	11.	.9	4.	.1
24	11	82	10	5.7	.03	.93	2.2	11.	1.3	2.	.1
24	11	82	11	5.5	0.00	.93	1.4	12.	1.1	2.	.7
24	11	82	12	5.5	-.03	.93	1.8	10.	1.3	3.	.3
24	11	82	13	5.4	-.03	.93	1.5	8.	1.6	1.	1.0
24	11	82	14	5.3	.05	.93	1.2	11.	1.1	12.	3.0
24	11	82	15	5.2	.06	.93	.7	1005.	2.4	36.	1.7
24	11	82	16	5.0	.04	.93	1.2	36.	2.3	36.	.1
24	11	82	17	4.6	.01	.93	1.7	33.	1.2	36.	.5
24	11	82	18	4.3	.02	.93	2.5	32.	2.6	27.	.5
24	11	82	19	4.1	.16	.84	4.1	31.	4.1	27.	.2
24	11	82	20	3.8	.16	.79	3.1	30.	3.4	28.	0.0
24	11	82	21	3.6	.16	.70	3.6	30.	2.6	25.	0.0
24	11	82	22	3.5	.17	.61	4.4	29.	3.9	26.	0.0
24	11	82	23	2.9	.22	.62	2.7	28.	2.3	24.	0.0
24	11	82	24	2.2	.29	.66	2.1	29.	2.3	24.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HFR	P-TA
25	11	82	1	2.1	.31	.66	2.7	31.	1.7	25.	0.0
25	11	82	2	1.6	.46	.70	1.4	30.	1.3	36.	0.0
25	11	82	3	.6	.77	.78	1.4	14.	1.1	2.	0.0
25	11	82	4	.7	.58	.78	1.1	13.	1.4	36.	0.0
25	11	82	5	.2	.63	.86	1.0	10.	2.4	2.	0.0
25	11	82	6	.8	.45	.81	1.8	7.	2.4	1.	0.0
25	11	82	7	1.9	.14	.79	3.4	10.	3.6	3.	0.0
25	11	82	8	2.2	.02	.83	5.0	8.	5.4	6.	0.0
25	11	82	9	1.9	.03	.90	5.7	9.	6.6	6.	0.0
25	11	82	10	2.1	.03	.92	5.4	9.	6.6	6.	2.8
25	11	82	11	3.7	.08	.91	5.0	13.	3.3	2.	4.1
25	11	82	12	5.0	.04	.92	5.1	14.	3.8	10.	5.3
25	11	82	13	5.9	0.00	.93	5.6	15.	3.8	13.	4.0
25	11	82	14	6.2	0.00	.93	5.7	17.	4.8	16.	.5
25	11	82	15	5.2	-.04	.93	2.9	24.	3.1	20.	0.0
25	11	82	16	2.4	-.06	.92	3.2	33.	2.8	24.	0.0
25	11	82	17	1.9	-.04	.91	3.5	31.	2.1	28.	0.0
25	11	82	18	1.5	-.00	.91	3.0	31.	2.1	28.	0.0
25	11	82	19	1.0	.08	.91	2.7	32.	1.9	29.	0.0
25	11	82	20	.6	.13	.91	2.4	32.	1.9	30.	0.0
25	11	82	21	.1	.33	.91	1.1	32.	1.3	2.	0.0
25	11	82	22	.5	.12	.92	1.9	33.	1.9	1.	0.0
25	11	82	23	.6	.06	.92	1.9	35.	2.6	1.	0.0
25	11	82	24	.6	.08	.92	2.9	34.	2.6	1.	0.0
26	11	82	1	.8	.18	.92	1.6	1.	2.8	36.	0.0
26	11	82	2	1.3	.16	.92	1.1	2.	1.6	36.	0.0
26	11	82	3	1.4	.13	.92	1.3	3.	2.2	36.	0.0
26	11	82	4	1.4	.06	.92	1.0	5.	2.8	36.	0.0
26	11	82	5	1.4	.14	.92	1.1	33.	2.6	36.	0.0
26	11	82	6	1.5	.19	.88	2.3	10.	1.6	6.	0.0
26	11	82	7	1.1	.27	.88	2.0	1029.	1.9	2.	1.6
26	11	82	8	1.2	.12	.92	.7	30.	2.2	2.	0.0
26	11	82	9	.7	.39	.92	.8	4.	2.1	2.	0.0
26	11	82	10	1.2	.18	.92	1.3	31.	.8	2.	0.0
26	11	82	11	1.9	.05	.92	1.5	32.	1.3	2.	0.0
26	11	82	12	2.4	-.08	.92	.5	1013.	.8	2.	0.0
26	11	82	13	2.1	-.05	.92	1.1	32.	1.7	36.	0.0
26	11	82	14	2.1	-.05	.92	1.6	32.	1.9	1.	0.0
26	11	82	15	1.9	0.00	.92	1.1	36.	2.3	1.	0.0
26	11	82	16	1.9	.08	.92	2.0	0.	2.5	1.	.1
26	11	82	17	1.9	.02	.92	1.5	35.	2.2	1.	0.0
~~26~~	~~11~~	~~82~~	~~18~~	~~1.9~~	~~.00~~	~~.92~~	~~2.4~~	~~36.~~	~~3.3~~	~~1.~~	~~0.0~~
26	11	82	19	1.5	.02	.92	2.6	35.	2.3	1.	0.0
26	11	82	20	1.5	.02	.92	2.9	35.	2.2	1.	0.0
26	11	82	21	1.5	.01	.92	2.5	35.	2.3	1.	0.0
26	11	82	22	1.5	.04	.92	2.7	34.	2.2	1.	0.0
26	11	82	23	1.5	.05	.92	2.0	34.	1.7	1.	0.0
26	11	82	24	1.6	.07	.91	1.9	34.	1.4	1.	0.0
27	11	82	1	1.7	.04	.91	.8	35.	1.5	1.	0.0
27	11	82	2	1.7	.11	.90	.8	0.	1.8	1.	.2
27	11	82	3	1.9	.06	.91	1.6	5.	2.5	1.	.6
27	11	82	4	1.8	.00	.91	2.9	6.	3.3	1.	1.4
27	11	82	5	1.6	.01	.91	2.2	7.	4.9	1.	.7
27	11	82	6	1.8	.00	.90	1.8	8.	3.1	1.	.1
27	11	82	7	1.8	.04	.90	1.3	1009.	2.4	1.	1.3
27	11	82	8	1.7	.05	.91	.7	4.	2.6	1.	.1
27	11	82	9	1.4	.10	.91	.8	4.	2.5	1.	0.0
27	11	82	10	1.7	.06	.92	1.5	2.	2.3	1.	.4
27	11	82	11	1.8	.07	.92	1.6	7.	2.6	1.	2.0
27	11	82	12	2.0	.08	.92	1.3	1011.	1.9	36.	0.0
27	11	82	13	2.1	.22	.92	.9	1025.	1.3	6.	2.3
27	11	82	14	2.3	.04	.92	.9	4.	2.1	2.	.8
27	11	82	15	2.1	.09	.92	1.2	7.	2.4	1.	1.7
27	11	82	16	1.9	.07	.92	2.6	10.	1.7	1.	2.5
27	11	82	17	1.9	.08	.92	2.7	9.	1.9	2.	1.6
27	11	82	18	1.8	.13	.92	2.1	10.	2.3	1.	1.7
27	11	82	19	1.8	.14	.92	1.2	4.	2.5	1.	.5
27	11	82	20	1.7	.10	.92	1.4	4.	3.0	1.	.3
27	11	82	21	1.8	.08	.91	1.4	34.	2.8	36.	.7
27	11	82	22	1.5	.04	.91	2.3	34.	2.1	1.	3.5
27	11	82	23	1.5	.05	.91	1.6	1.	3.6	1.	1.3
27	11	82	24	1.4	.08	.91	1.1	2.	3.1	1.	0.0

				T-AS	DT-AS	RH-AS	F-AS	D-AS	F-HER	D-HER	F-TA
28	11	82	1	1.0	.31	.91	.7	36.	2.1	1.	0.0
28	11	82	2	1.3	.28	.91	.8	35.	2.5	1.	0.0
28	11	82	3	1.6	.21	.91	.9	0.	3.1	36.	0.0
28	11	82	4	1.7	.20	.92	1.2	5.	3.1	36.	.2
28	11	82	5	2.1	.21	.92	1.7	1001.	2.8	36.	.9
28	11	82	6	2.2	.16	.92	1.9	7.	3.4	36.	1.0
28	11	82	7	2.4	.13	.92	1.6	7.	2.5	36.	.6
28	11	82	8	2.2	.09	.92	1.6	1008.	2.1	1.	0.0
28	11	82	9	2.0	.05	.92	1.6	7.	3.6	1.	0.0
28	11	82	10	1.4	.10	.91	2.0	6.	2.7	1.	5.8
28	11	82	11	.9	.10	.91	1.4	4.	2.5	1.	2.5
28	11	82	12	1.4	-.05	.92	1.0	1.	2.5	36.	.5
28	11	82	13	1.3	-.10	.91	1.6	33.	2.3	1.	0.0
28	11	82	14	1.2	-.08	.91	1.1	33.	1.9	1.	0.0
28	11	82	15	1.3	-.04	.91	1.9	31.	1.1	24.	0.0
28	11	82	16	1.1	.05	.91	1.4	32.	1.4	28.	0.0
28	11	82	17	.4	.21	.91	.8	32.	1.7	1.	0.0
28	11	82	18	.4	.08	.91	1.6	28.	1.1	8.	0.0
28	11	82	19	-.1	.12	.91	1.8	31.	1.7	28.	0.0
28	11	82	20	-.0	.00	.91	1.8	33.	1.8	36.	0.0
28	11	82	21	-.2	-.02	.91	2.0	31.	2.1	1.	0.0
28	11	82	22	-.4	-.03	.91	2.6	31.	1.7	1.	0.0
28	11	82	23	-.8	-.04	.92	3.0	31.	2.1	26.	0.0
28	11	82	24	-1.1	-.03	.92	2.7	31.	2.2	35.	0.0
29	11	82	1	-1.0	-.02	.92	2.7	31.	2.8	36.	0.0
29	11	82	2	-1.0	-.02	.92	2.7	32.	2.6	36.	0.0
29	11	82	3	-1.1	-.01	.92	2.9	32.	1.8	1.	0.0
29	11	82	4	-1.3	.02	.92	4.1	32.	3.0	36.	0.0
29	11	82	5	-1.4	.06	.92	4.2	32.	2.1	31.	0.0
29	11	82	6	-1.5	.03	.92	4.3	32.	2.2	30.	0.0
29	11	82	7	-1.5	.08	.92	4.5	32.	2.1	30.	0.0
29	11	82	8	-1.6	.11	.92	4.1	32.	2.0	35.	0.0
29	11	82	9	-1.7	.18	.91	3.5	32.	2.1	1.	0.0
29	11	82	10	-1.2	.03	.91	4.1	32.	1.5	35.	0.0
29	11	82	11	-.5	-.14	.89	3.2	32.	1.7	1.	0.0
29	11	82	12	.0	-.23	.87	3.3	31.	1.9	1.	0.0
29	11	82	13	.8	-.24	.85	3.2	32.	2.5	1.	0.0
29	11	82	14	.5	-.03	.83	2.9	33.	2.5	1.	0.0
29	11	82	15	-.1	.06	.86	3.8	32.	2.5	36.	0.0
29	11	82	16	-.8	.43	.87	3.4	33.	2.1	36.	0.0
29	11	82	17	-1.0	.18	.88	4.1	31.	3.3	31.	0.0
29	11	82	18	-1.6	.29	.89	3.1	34.	2.2	31.	0.0
29	11	82	19	-1.7	.12	.90	3.5	32.	3.4	1.	0.0
29	11	82	20	-1.9	.25	.90	3.3	33.	2.4	1.	0.0
29	11	82	21	-2.0	.19	.90	3.4	32.	2.4	1.	0.0
29	11	82	22	-2.2	.13	.90	3.2	32.	2.6	1.	0.0
29	11	82	23	-2.4	.21	.91	2.7	34.	2.9	1.	0.0
29	11	82	24	-2.3	.36	.90	3.3	33.	2.7	1.	0.0
30	11	82	1	-2.6	.11	.90	2.1	32.	2.7	1.	0.0
30	11	82	2	-2.8	.08	.91	1.3	31.	1.6	1.	0.0
30	11	82	3	-2.6	.02	.91	1.7	33.	2.1	36.	0.0
30	11	82	4	-2.8	-.01	.91	1.3	33.	1.9	36.	0.0
30	11	82	5	-2.9	.04	.91	1.3	32.	1.6	36.	0.0
30	11	82	6	-2.8	-.03	.91	1.7	30.	1.6	36.	0.0
30	11	82	7	-3.0	.02	.91	1.7	32.	2.2	36.	0.0
30	11	82	8	-3.1	-.03	.90	1.9	32.	2.1	36.	0.0
30	11	82	9	-3.2	0.00	.90	1.4	32.	2.1	1.	0.0
30	11	82	10	-2.7	.05	.90	1.1	33.	2.3	1.	0.0
30	11	82	11	-2.3	.18	.90	.9	34.	2.3	1.	0.0
30	11	82	12	-2.6	.75	.90	1.5	35.	1.9	1.	0.0
30	11	82	13	-1.8	.68	.91	1.6	34.	2.1	1.	0.0
30	11	82	14	-1.9	.09	.91	1.3	32.	1.7	2.	0.0
30	11	82	15	-2.4	.72	.91	1.5	35.	1.5	1.	0.0
30	11	82	16	-2.8	.47	.91	2.0	33.	2.3	36.	0.0
30	11	82	17	-2.6	.12	.91	2.3	32.	1.6	36.	0.0
30	11	82	18	-2.6	.03	.91	1.8	33.	2.1	36.	0.0
30	11	82	19	-2.8	.90	.91	2.4	32.	2.1	1.	0.0
30	11	82	20	-3.1	.24	.90	1.5	32.	1.9	1.	0.0
30	11	82	21	-3.0	.07	.90	1.2	31.	1.7	36.	0.0
30	11	82	22	-3.0	.06	.90	.8	32.	1.6	1.	0.0
30	11	82	23	-3.0	-.03	.90	.5	33.	1.6	1.	0.0
30	11	82	24	-3.2	.02	.90	.8	29.	1.6	1.	0.0

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TITTEL
Meteorologiske data fra nedre Telemark høsten 1982.

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FORFATTER(E)

B. Sivertsen
K. Skaug

TILGJENGELIGHET**
A

OPPDRAGSGIVERS REF.

OPPDRAGSGIVER
Norsk Hydro, Rafnes, Porsgrunn Fabrikker, SFT Kontrollseksjonen

3 STIKKORD (á maks. 20 anslag)
Meteorologiske data | Statist.bearbeiding

REFERAT (maks. 300 anslag, 5-10 linjer)

Presentasjon av statistisk bearbeiding av meteorologiske data fra nedre Telemar i perioden 1.9-30.11.82, viser dominerende vinder fra nordvestlig kant ved Ås, og fra omkring nord ved Herøya. Svake vinder (< 2 m/s) forekom i 29% av tiden, og stabil og lett stabil sjiktning forekom i hhv. 7% og 59% av tiden. Middeltemperaturen var 7.3 °C, som er noe høyere enn normalt. Det falt også mellom 25 og 50% mer nedbør, nemlig i gjennomsnitt 135 mm pr. måned høsten 1982.

TITLE Meteorological data fraom nedre Telemark, autumn 1982.

ABSTRACT (max. 300 characters, 5-10 lines.

A statistical evaluation of meteorological data from nedre Telemark area during 1 September 1982 - 30 November 1982.

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