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METEOROLOGISKE DATA FRA NEDRE TELEMARK, VINTEREN 1981/82

AV

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INNHOLDSFORTEGNELSE

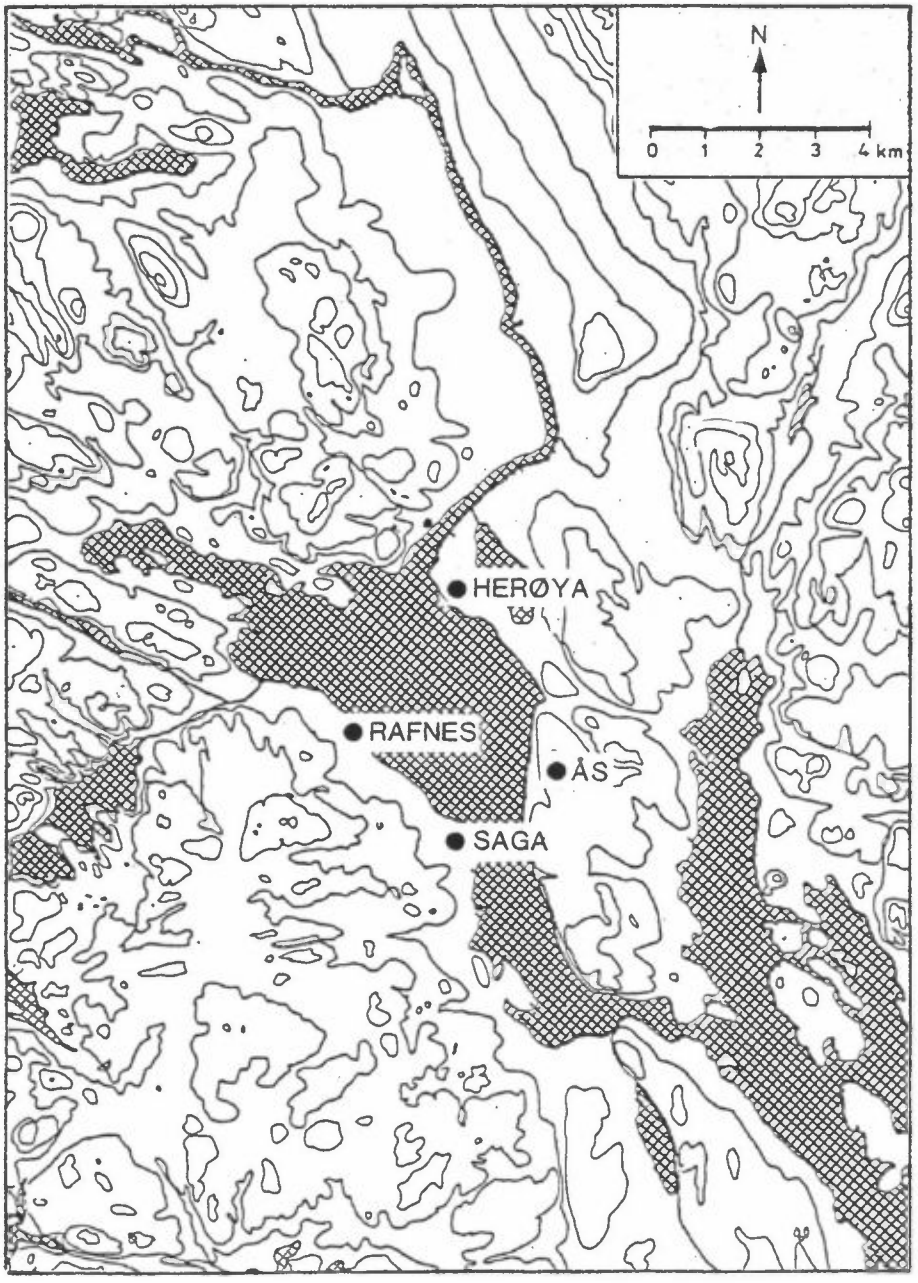
METEOROLOGISKE DATA FRA NEDRE TELEMARK
VINTEREN 1981/82

1 INNLEDNING

Denne presentasjonen av meteorologiske data fra nedre Telemark i perioden 1.12.81-28.2.82 (vinter), 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, kontrollseksjonen nedre Telemark, og er en videreføring av tidligere tilsendte data (se Referanselisten).

2 INSTRUMENTERING, STASJONSPLASSERING

Målestasjonenes plassering er angitt i figur 1.



Figur 1: Lokalisering av meteorologiske målestasjoner i nedre Telemark.

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.

Rafnes : Vindfølere (type Lambrecht) på 25 m mast ved VCM kai. Dataregistrering kontinuerlig på papirskrivere (forsterkere og skrivere fra Siemens). Data avleses og punches timevis.

Saga : Vindmåler (type Lambrecht) plassert på lagertak ca 30 m o.h. Dataregistrering kontinuerlig på papirskrivere.

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

3 DATAKVALITET

Datatilgjengeligheten fra Ås for perioden var følgende:

95% for temperatur, temperaturdifferens og relativ fuktighet
80% for vindhastighet og vindretning.

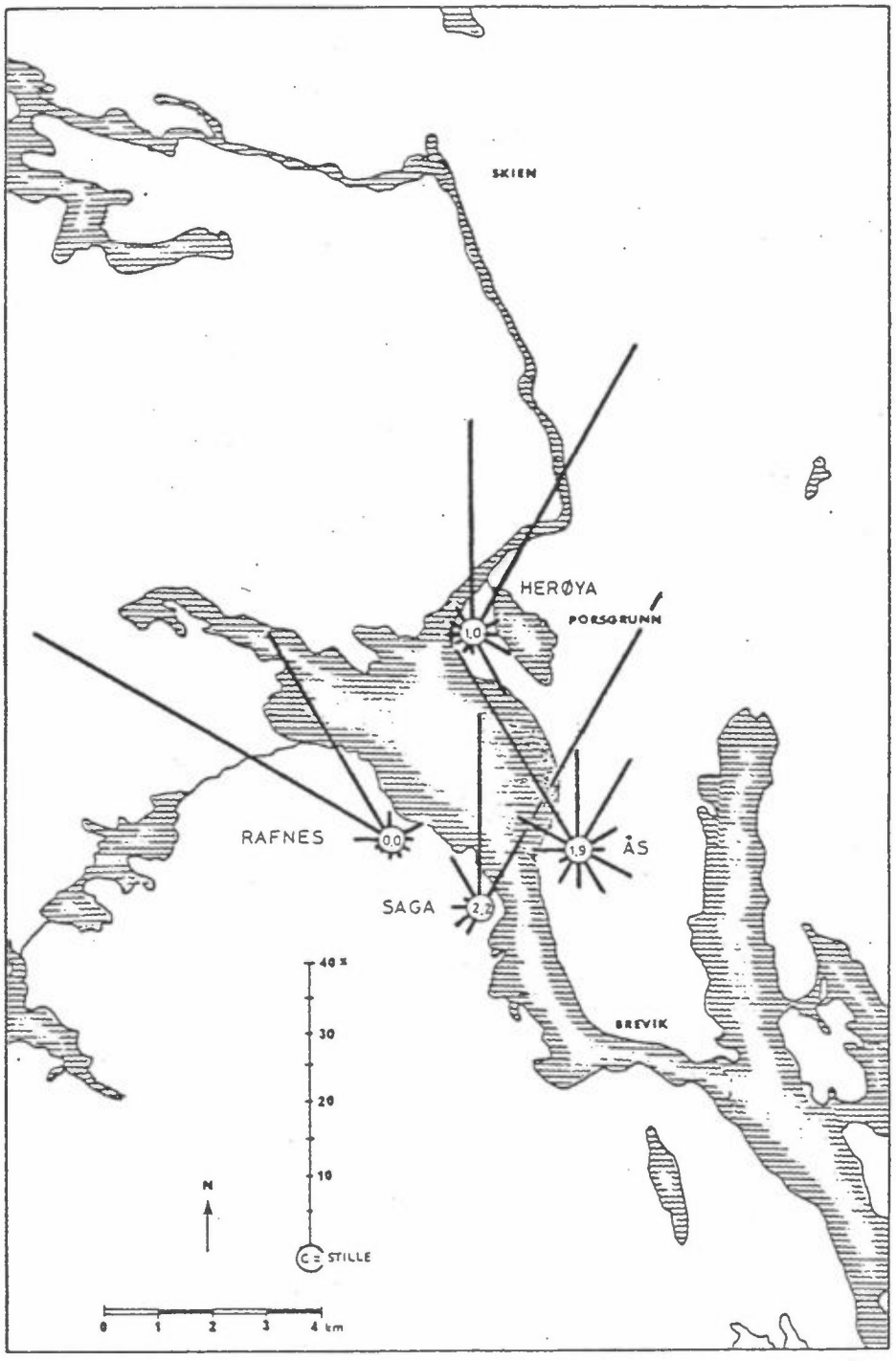
Ved Herøya var datatilgjengeligheten 100% for både vindhastighet og vindretning.

Ved Rafnes stoppet målingene 10.januar. Datatilgjengeligheten var av den grunn 43% for vindhastighet og 31% for vindretning.

Ved Saga stoppet målingene 19.desember, slik at det ved dette målestedet kun finnes data i 8% av tiden.

4 VINDFORHOLDENE

Vindroser fra alle stasjonene for vinteren 1981/82 er vist i figur 2.



Figur 2: Vindroser (frekvens av vind i % i 12 sektorer) fra nedre Telemark for perioden 1.12.81-28.2.82.

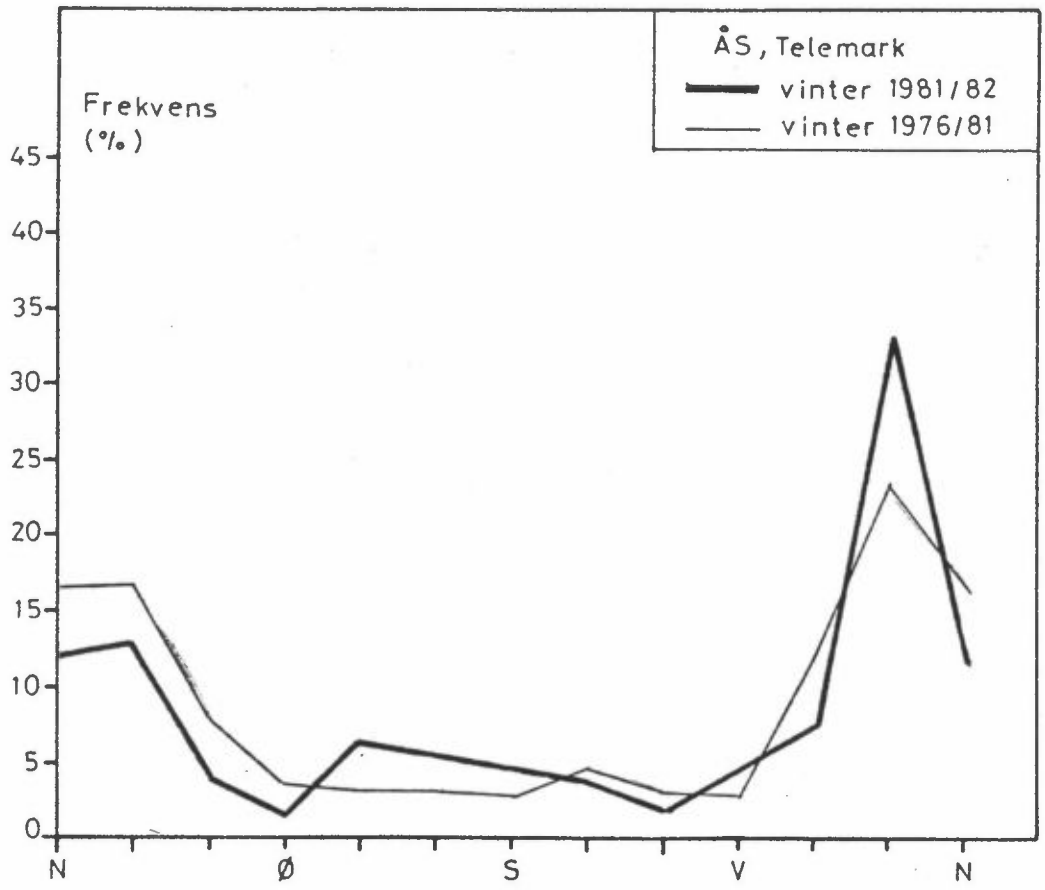
Kvartalsvise vindfrekvensfordelinger (i %) er også presentert i tabellene 1-5. Vindobservasjoner fra Ås er dessuten presentert som månedsvise frekvensfordelinger i tabellene 10-12.

Vinteren 1981/82 blåste det oftest fra nordvestlig kant ved Ås og Rafnes, og fra nord og nord-nordøst ved Herøya.

Middelvindstyrken ved Ås og Herøya var noe lavere enn hva som er målt vintrene 1979/80 og 1980/81. Ved Rafnes var middelvindstyrken noe høyere enn målinger fra de to foregående vinterperiodene.

Middelvindstyrken var ved Rafnes 1.4 m/s, mens den ved Ås, Herøya og Saga var henholdsvis 2.6 m/s, 2.4 m/s og 2.8 m/s.

I figur 3 har en sammenstilt frekvensfordelingen av forskjellige vindretninger vinteren 1981/82 og vintersesongene 1976/77- 80/81.

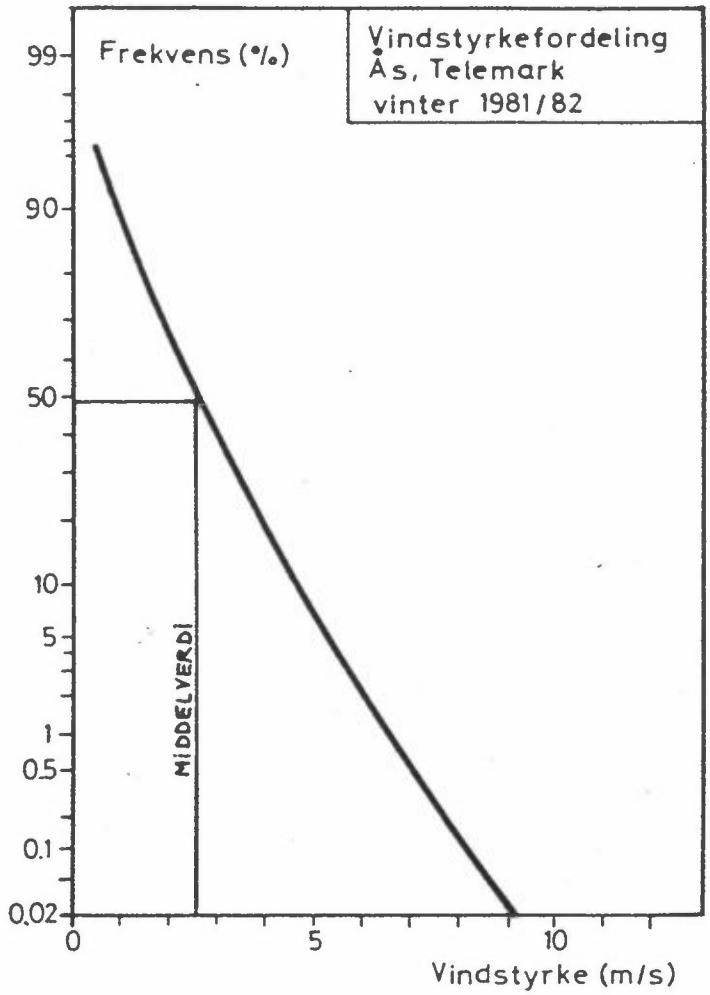


Figur 3: Frekvensfordeling av vindretninger (i 30°-sektorer) ved Ås for vinteren 1981/82, sammenholdt med middelfordeling for vintersesongene 1976/77-80/81.

Figur 3 viser at det vinteren 1981/82 blåste oftere fra nordvestlig og fra sørøstlig kant enn hva som var tilfelle vintersesongene 1976/81, og sjeldnere fra nordøstlig kant.

Figur 4 viser vindstyrkefordelingen ved Ås.

Vindstyrker over 6 m/s ved Ås forekom i kun 2.3% av tiden. Svake vinder, mindre enn 2 m/s forekom i 39% av tiden. I gjennomsnitt blåste det svakest fra østlig kant ved Ås.



Figur 4: Kumulativ frekvensfordeling av vindstyrke ved Ås vinteren 1981/82. Figuren viser frekvens av vindstyrke større enn verdiene angitt på x-aksen.

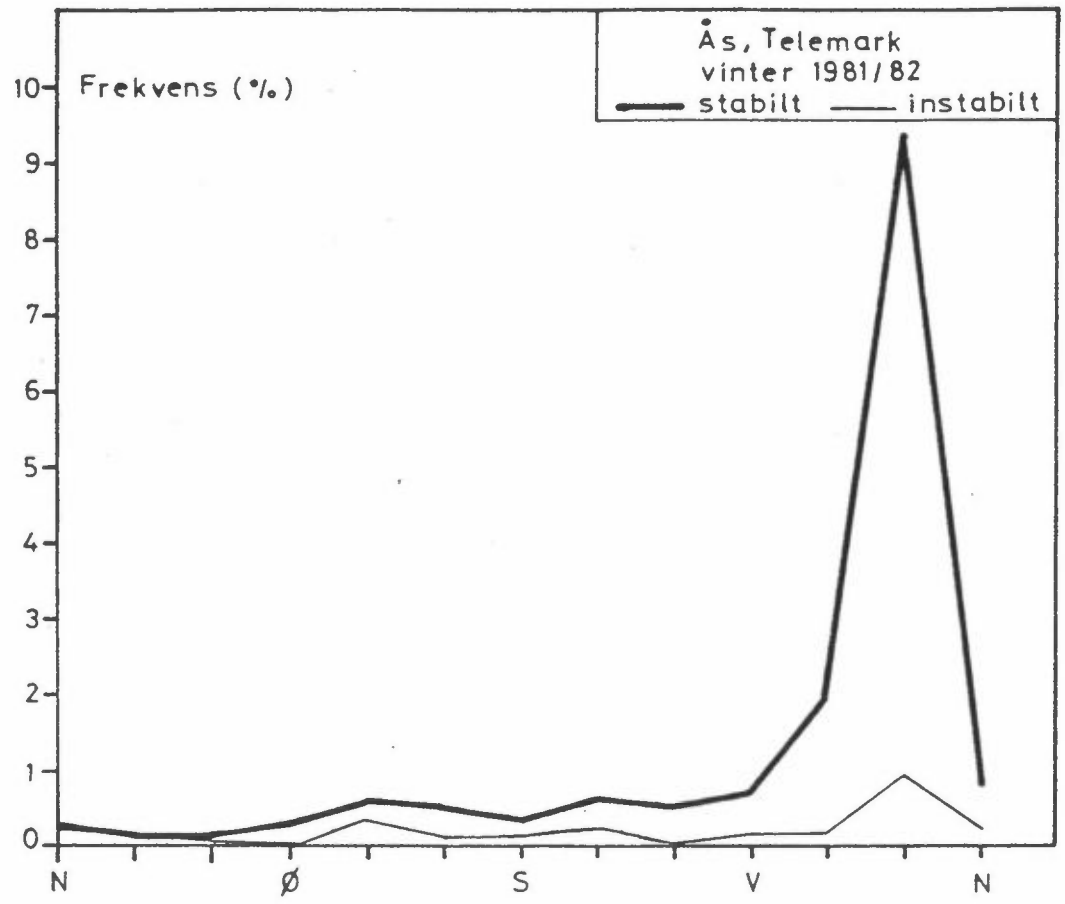
5 STABILITETSFORHOLDENE

Stabilitetsforholdene i fire klasser er fordelt over døgnet i tabell 6, basert på temperaturdifferansen 25-10 m på Ås. Vinteren 1981/82 var det 14% stabil, 43% lett stabil, 42% nøytral og 2% instabil temperatursjiktning. Denne fordelingen stemmer godt med det som er målt i tidligere vintersesonger.

6 FREKVENS AV VIND/STABILITET

Tabell 7 gir frekvensen (i %) i 196 klasser av vind og stabiliteter, basert på stabilitetsdata og vinddata fra 25 m masta på Ås.

Figur 5 viser frekvensen av stabil sjikting (inversjoner) og ustabil sjikting som funksjon av vindretningen.



Figur 5: Frekvens av stabil og ustabil sjikting som funksjon av vindretningen ved Ås vinteren 1981/82.

Figur 5 viser at stabile tilfeller vinteren 1981/82 oftest forekom ved vind fra nord-nordvest på Ås. Dette representerer vanligvis de stabile nattsituasjonene. Tabell 6 viser at instabil sjikting oftest forekom ved vindhastigheter på 0-2 m/s fra nordvestlig kant, og ved svake vinder fra øst-sørøst.

7 TEMPERATUR VED ÅS

Tabell 8 viser månedsvis temperatur-statistikk for Ås i perioden 1.12.81-28.2.82. Middeltemperaturen for desember var -8.0°C, januar -7.5°C og for februar -2.9°C. Middeltemperaturen i desember og januar var mye lavere enn de siste årenes middeltemperaturer ved Ås. For februar var temperaturen nær eller noe over normalen. Den laveste temperaturen ble målt den 9.1.82 kl 01 til -23.1°C, den høyeste temperaturen ble målt den 3.12.81, kl 18 til 8.6°C.

8 RELATIV FUKTIGHET VED ÅS

Tabell 9 viser en statistisk fordeling av den relative fuktigheten ved Ås for vinteren 1981/82. Månedsmiddelverdiene viser relativ fuktighet på 79% i desember, 77% i januar og 79% i februar. Av observasjonene for vinteren 1981/82 lå ingen over 95% relativ fuktighet. Den relative fuktigheten i perioden synes å stemme godt med målinger i vinterperiodene 1979/80 - 80/81. I februar varierte den relative fuktigheten i gjennomsnitt fra 70% midt på dagen til 84% om kvelden.

9 NEDBØR

Det måles nedbør ved en av NILUs målestasjoner i nedre Telemark, Tangen ved Brevik. Kontinuerlig nedbørmålinger er presentert i tabell 15. Tabell 16 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). Som det fremgår av tabellen var stasjonen ved Tangen ute av drift det meste av tiden i januar og februar måned.

Det ble målt mindre nedbør enn normalt både i desember, januar og februar.

Ved Jomfruland falt det i desember 39 mm, i januar 35 mm og i februar 32 mm nedbør. Dette er 50% av normalen for årstiden.

10 TABELLER

Tabell 1

VINDROSE FRA ÅS
1/12-81 - 28/ 2-82 FRA TAPE 1

	VINDROSE KL. 1	4	7	10	13	16	19	22	DØGN
SEKTOR									
20- 40	12.7	11.3	15.3	19.4	15.3	12.3	11.0	12.3	12.7
50- 70	1.4	4.2	4.2	2.8	4.2	1.4	4.1	9.6	4.0
80-100	0.0	4.2	0.0	1.4	0.0	4.1	4.1	1.4	1.5
110-130	4.2	2.8	4.2	0.0	9.7	15.1	8.2	2.7	6.5
140-160	4.2	2.8	4.2	5.6	5.6	8.2	8.2	2.7	5.6
170-190	2.8	4.2	2.8	6.9	6.9	4.1	6.8	4.1	4.6
200-220	4.2	2.8	2.8	4.2	4.2	6.8	2.7	2.7	3.9
230-250	0.0	1.4	5.6	2.8	1.4	2.7	2.7	1.4	1.8
260-280	5.6	7.0	2.8	2.8	4.2	4.1	4.1	6.8	4.8
290-310	14.1	8.5	5.6	9.7	9.7	5.5	12.3	11.0	7.8
320-340	35.2	32.4	38.9	34.7	25.0	21.9	26.0	38.4	33.1
350- 10	12.7	16.9	12.5	8.3	11.1	12.3	8.2	5.5	11.8
STILLE	2.8	1.4	1.4	1.4	2.8	1.4	1.4	1.4	1.9
ANT.OBS.	71	71	72	72	72	73	73	73	1735
MIDL.VIND	2.5	2.6	2.6	2.7	2.6	2.6	2.5	2.5	2.6

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													1.9
.3- 2.0 M/S	1.7	1.0	1.3	3.5	2.4	2.0	1.2	1.1	3.9	3.6	12.0	3.5	37.2
2.1- 4.0 M/S	5.2	1.4	.2	3.0	3.0	2.1	2.1	.7	.8	3.3	19.3	6.5	47.6
4.1- 6.0 M/S	4.6	1.2	0.0	.1	.2	.5	.6	.1	.1	.7	1.4	1.7	11.0
OVER 6.0 M/S	1.3	.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.2	.3	.1	2.3
TOTAL	12.7	4.0	1.5	6.5	5.6	4.6	3.9	1.8	4.8	7.8	33.1	11.8	100.0
MIDL.VIND M/S	3.9	3.5	1.2	2.0	2.3	2.4	2.7	1.8	1.6	2.5	2.5	2.8	2.6
ANT. OBS.	221	69	24	113	93	79	47	32	83	136	574	204	1735

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.6 M/S, BASERT PÅ 1739 OBSERVASJONER

Tabell 2

VINDROSE FRA HERØYA
1/12-81 - 28/12-82 FRA TAPE 2

	VINDROSE KL. 1	4	7	10	13	16	19	22	DØGN
SEKTOR									
20- 40	45.6	44.4	37.8	48.3	51.1	41.1	45.6	43.8	44.7
50- 70	0.0	2.2	3.3	1.1	3.4	2.2	2.2	1.1	2.5
80-100	2.2	0.0	2.2	1.1	1.1	3.3	1.1	1.1	1.8
110-130	2.2	2.2	1.1	3.4	3.4	7.8	5.6	3.4	3.9
140-160	7.8	4.4	5.6	4.5	11.4	15.6	12.2	6.7	8.6
170-190	2.2	1.1	2.2	2.2	1.1	2.2	2.2	1.1	1.6
200-220	0.0	2.2	1.1	1.1	1.1	2.2	0.0	0.0	1.2
230-250	2.2	0.0	1.1	2.2	0.0	2.2	0.0	4.5	1.3
260-280	2.2	2.2	1.1	0.0	2.3	1.1	6.7	3.4	1.9
290-310	0.0	1.1	1.1	0.0	0.0	0.0	2.2	1.1	1.3
320-340	1.1	3.3	4.4	2.2	3.4	1.1	2.2	0.0	2.1
350- 10	33.3	36.7	37.8	33.7	20.5	18.9	18.9	31.5	28.3
STILLE	1.1	0.0	1.1	0.0	1.1	2.2	1.1	2.2	1.0
ANT.OBS.	90	90	90	89	88	90	90	89	2152
MIDL.VIND	2.4	2.6	2.5	2.4	2.6	2.5	2.3	2.3	2.5

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													1.0
.3- 2.0 M/S	25.3	2.3	1.8	3.3	3.8	.7	.8	.9	1.2	.5	.6	15.6	56.6
2.1- 4.0 M/S	9.7	.1	0.0	.6	4.3	.9	.4	.3	.6	.4	.6	9.0	26.9
4.1- 6.0 M/S	3.3	0.0	0.0	0.0	.5	.0	.0	.0	.1	.3	.6	2.5	7.3
OVER 6.0 M/S	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.0	.0	.4	1.3	8.2
TOTAL	44.7	2.5	1.8	3.9	8.6	1.6	1.2	1.3	1.9	1.3	2.1	28.3	100.0
MIDL.VIND M/S	2.8	1.1	1.0	1.5	2.2	2.2	1.7	1.9	1.9	3.1	3.7	2.4	2.5
ANT. OBS.	963	53	38	84	184	34	26	27	40	27	45	609	2152

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.4 M/S, BASERT PÅ 2160 OBSERVASJONER

Tabell 3

VINDROSE FRA SAGA
1/12-81 - 31/12-81 FRA TAPE 2

	VINDROSE KL. 1	4	7	10	13	16	19	22	DØGN
SEKTOR									
20- 40	50.0	66.7	75.0	66.7	57.1	42.9	33.3	50.0	47.8
50- 70	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0	3.0
80-100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-130	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-160	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-190	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-220	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
230-250	0.0	0.0	0.0	0.0	14.3	14.3	16.7	0.0	3.0
260-280	0.0	0.0	0.0	0.0	0.0	14.3	0.0	0.0	2.2
290-310	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
320-340	16.7	16.7	0.0	0.0	0.0	0.0	16.7	25.0	6.7
350- 10	16.7	16.7	25.0	33.3	14.3	28.6	33.3	0.0	30.6
STILLE	16.7	0.0	0.0	0.0	0.0	0.0	0.0	25.0	2.2
ANT.OBS.	6	6	4	6	7	7	6	4	134
MIDL.VIND	3.0	2.8	2.7	2.3	2.2	2.4	2.2	2.1	2.5

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													2.2
.3- 2.0 M/S	28.4	1.5	0.0	0.0	0.0	0.0	1.5	2.2	1.5	0.0	.7	20.1	56.0
2.1- 4.0 M/S	9.7	1.5	0.0	0.0	0.0	0.0	1.5	.7	.7	.7	.7	6.7	22.4
4.1- 6.0 M/S	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.7	3.7	3.7	17.9
OVER 6.0 M/S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.5
TOTAL	47.8	3.0	0.0	0.0	0.0	0.0	3.0	3.0	2.2	1.5	6.7	30.6	100.0
MIDL.VIND M/S	2.5	2.1	0.0	0.0	0.0	0.0	1.7	1.7	1.4	3.2	4.7	2.4	2.5
ANT. OBS.	64	4	0	0	0	0	4	4	3	2	9	41	134

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.8 M/S, BASERT PÅ 181 OBSERVASJONER

Tabell 4

VINDROSE FRA RAFNES
1/12-81 - 10/ 1-82 FRA TAPE 1

	VINDROSE KL. 1	4	7	10	13	16	19	22	DØGN
SEKTOR									
20- 40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50- 70	3.8	3.6	3.7	0.0	7.7	3.4	3.7	0.0	2.7
80-100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.5
110-130	0.0	0.0	0.0	3.8	0.0	6.9	0.0	0.0	1.2
140-160	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.2
170-190	0.0	0.0	0.0	0.0	3.8	0.0	3.7	0.0	.8
200-220	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	.6
230-250	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.3
260-280	3.8	3.6	3.7	0.0	7.7	6.9	7.4	0.0	3.0
290-310	57.7	57.1	51.9	61.5	34.6	55.2	63.0	61.5	56.3
320-340	34.6	32.1	37.0	30.8	46.2	20.7	22.2	38.5	32.6
350- 10	0.0	3.6	3.7	3.8	0.0	3.4	0.0	0.0	1.8
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ANT.OBS.	26	28	27	26	26	29	27	26	659
MIDL.VIND	3.6	4.0	3.8	4.0	3.8	3.5	3.5	3.6	3.7

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													0.0
.3- 2.0 M/S	0.0	1.2	.3	.2	0.0	0.0	.2	.2	0.0	2.7	2.0	0.0	6.7
2.1- 4.0 M/S	0.0	1.5	0.0	.2	0.0	.6	.5	0.0	1.1	41.3	18.1	1.2	64.3
4.1- 6.0 M/S	0.0	0.0	.2	.6	.2	0.0	0.0	0.0	1.5	11.5	7.0	.6	21.5
OVER 6.0 M/S	0.0	0.0	0.0	.3	0.0	.2	0.0	.2	.5	.8	5.6	0.0	7.4
TOTAL	0.0	2.7	.5	1.2	.2	.8	.6	.3	3.0	56.3	32.6	1.8	100.0
MIDL.VIND M/S	0.0	2.1	2.9	5.1	5.9	3.8	2.2	4.0	4.7	3.4	4.2	3.9	3.7
ANT. OBS.	0	18	3	8	1	5	4	2	20	371	215	12	659

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 4.1 M/S, BASERT PÅ 923 OBSERVASJONER

Tabell 5

VINDROSE FRA 3S
1/12-76 - 28/ 2-77 FRA TAPE 1
1/12-77 - 28/ 2-78 FRA TAPE 1
1/12-78 - 28/ 2-79 FRA TAPE 1
1/12-79 - 29/ 2-80 FRA TAPE 1
1/12-80 - 28/ 2-81 FRA TAPE 1

	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	14.7	13.9	15.5	15.8	18.7	19.4	15.6	15.4	16.1
50- 70	7.9	7.4	7.2	8.4	6.6	9.1	7.1	6.9	7.8
80-100	3.7	4.0	3.7	4.0	2.9	5.1	4.0	2.6	3.5
110-130	1.4	1.7	2.0	2.0	4.0	6.0	4.0	2.4	3.1
140-160	2.0	2.5	2.3	2.0	2.9	4.9	5.4	4.9	3.2
170-190	2.5	1.4	2.6	3.2	2.0	2.3	3.1	2.3	2.8
200-220	5.1	4.8	5.2	5.7	5.8	3.1	3.7	4.0	4.4
230-250	3.4	2.8	3.2	2.0	3.5	4.0	4.3	2.6	3.2
260-280	3.7	4.5	2.6	2.0	1.7	2.6	3.1	2.6	2.9
290-310	12.1	13.3	14.4	10.9	11.8	9.4	11.6	13.1	12.1
320-340	26.8	27.5	24.1	26.9	23.6	16.0	20.2	25.1	23.4
350- 10	15.8	15.3	16.4	15.8	15.3	17.4	16.8	16.9	16.5
STILLE	.8	.8	.9	1.1	1.2	.6	1.1	1.1	.9
ANT.OBS.	354	353	348	349	347	350	352	350	8408
MIDL.VIND	3.0	2.9	2.9	2.9	3.0	2.9	3.0	2.9	2.9

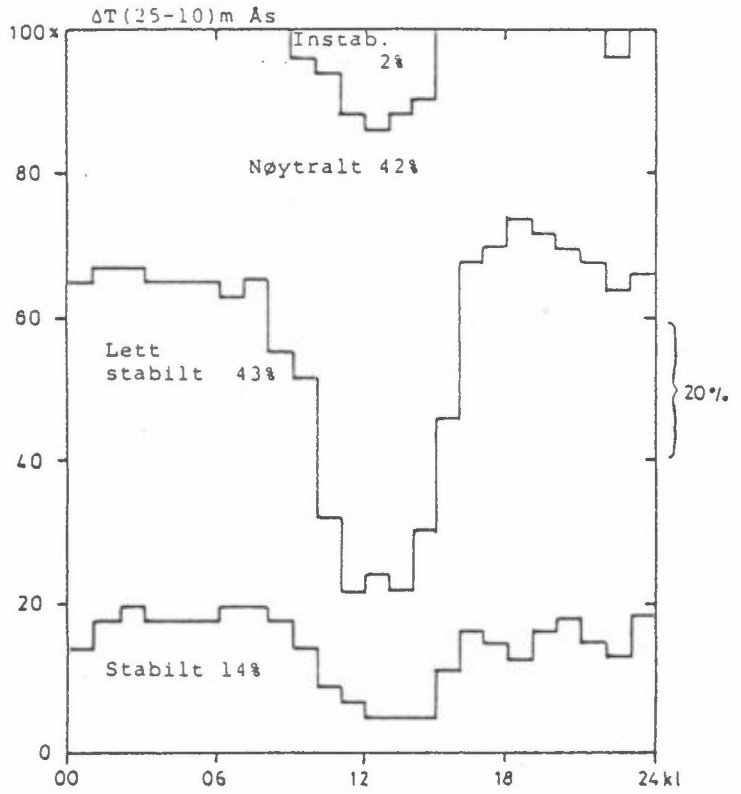
VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.9
.3- 2.0 M/S	3.0	1.8	1.4	1.8	1.1	.8	.9	1.2	.8	4.0	9.2	4.4	30.4
2.1- 4.0 M/S	7.8	4.0	1.3	.9	1.4	1.3	1.9	1.0	.9	6.1	12.0	8.5	47.3
4.1- 6.0 M/S	4.3	1.8	.7	.2	.5	.5	1.3	.8	.8	1.4	2.0	3.1	17.4
OVER 6.0 M/S	.9	.2	.1	.2	.2	.2	.3	.2	.3	.6	.3	.5	4.0
TOTAL	16.1	7.8	3.5	3.1	3.2	2.8	4.4	3.2	2.9	12.1	23.4	16.5	100.0
MIDL.VIND M/S	3.4	3.1	2.8	2.3	2.9	3.2	3.5	3.1	3.5	2.9	2.5	3.0	2.9
ANT. OBS.	1354	653	296	257	269	237	374	270	240	1017	1971	1391	8408

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.9 M/S, BASERT PÅ 8388 OBSERVASJONER

Tabell 6

Stabilitet basert på temperaturforskjell dt (25-10)m Ås



FREKVENS AV FORSKJELLIGE STABILITETER

Vinter 1981/82

	GRUPPE 1 X=(< -.5)	GRUPPE 2 X=(-.5-<0.0)	GRUPPE 3 X=(0.0-< .5)	GRUPPE 4 X=(.5->)
1	0.00	34.12	51.76	14.12
2	0.00	32.94	49.41	17.65
3	0.00	32.94	47.06	20.00
4	0.00	34.12	48.24	17.65
5	0.00	33.72	48.84	17.44
6	0.00	34.88	47.67	17.44
7	0.00	36.05	44.19	19.77
8	0.00	33.72	46.51	19.77
9	0.00	44.19	38.37	17.44
10	1.16	46.51	38.37	13.95
11	4.71	63.53	23.53	8.24
12	9.41	69.41	15.29	5.88
13	11.76	64.71	18.82	4.71
14	9.52	67.86	19.05	3.57
15	7.06	63.53	24.71	4.71
16	0.00	53.49	36.05	10.47
17	0.00	32.56	52.33	15.12
18	0.00	29.07	56.98	13.95
19	0.00	26.74	60.47	12.79
20	0.00	27.91	56.98	15.12
21	0.00	29.07	53.49	17.44
22	0.00	32.56	53.49	13.95
23	1.16	34.88	51.16	12.79
24	0.00	33.72	48.84	17.44
	1.85	41.29	43.04	13.83

2054 OBS.

Instabilt	Nøytralt	Lett stabilt	Stabilt

Tabell 7

Vind : Ås
Stabilitet: ΔT (25-10 m)
Periode : 1.12.81-28.2.82

VINDSTYRKE	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				
STABILITET	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ROSE
30	.1	.9	.7	.1	.0	3.7	1.5	.0	.0	4.5	.2	.0	.0	1.3	.0	.0	12.9
60	.0	.1	.8	.1	.0	1.3	.2	.0	.0	1.2	.0	.0	.0	.3	.0	.0	3.9
90	.0	.2	.9	.3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
120	.3	1.2	1.2	.4	.0	1.2	1.7	.2	.0	.0	.1	.0	.0	.0	.0	.0	6.4
150	.1	1.0	1.0	.4	.0	1.1	1.7	.1	.0	.2	.1	.0	.0	.0	.0	.0	5.6
180	.1	1.0	.5	.2	.0	1.5	.8	.1	.0	.2	.3	.0	.0	.0	.0	.0	4.6
210	.1	.7	.3	.2	.1	.9	.7	.4	.0	.3	.3	.0	.0	.0	.0	.0	3.9
240	.0	.5	.2	.3	.0	.1	.5	.1	.0	.0	.0	.1	.0	.0	.0	.0	1.8
270	.1	2.7	.9	.3	.0	.3	.2	.3	.0	.0	.0	.1	.0	.0	.0	.0	4.8
300	.1	1.0	1.8	.5	.0	.5	1.4	1.3	.0	.0	.6	.2	.0	.0	.2	.0	7.5
330	.6	3.9	4.7	2.7	.3	2.6	10.4	6.2	.0	.1	.9	.5	.0	.1	.2	.0	33.3
360	.2	1.6	1.2	.4	.0	2.7	3.8	.4	.0	1.2	.5	.0	.0	.1	.0	.0	12.0
STILLE	.0	.3	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
TOTAL	1.6	15.0	15.6	5.8	.3	15.8	23.1	9.1	0.0	7.6	2.9	.7	0.0	1.9	.5	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
38.0	48.3	11.3	2.4

FORDELING AV STABILITETSKLASSENE

2.0	40.3	42.0	15.7

ANTALL TIMER = 2160, ANTALL OBSERVASJONER = 1735

Tabell 8

338 BS Temperatur 1 12 81 28 2 82 FRA TAPE 1, PARAMETER 6

MÅNED	NDAG	TMIDL	MAX T	MAX DAG	MAX KL	MIN T	MIN DAG	MIN KL	MIDLERE TMAX	MIDLERE TMIN	T<-10.0 DØGN	T<-10.0 TIMER	T< 0.0 DØGN	T< 0.0 TIMER	T< 10.0 DØGN	T< 10.0 TIMER	T
DES 1981	28	-8.0	8.6	3	18	-16.1	20	22	-6.0	-10.6	16	228	28	603	28	639	
JAN 1982	31	-7.5	3.6	15	14	-23.1	9	1	-4.9	-10.2	12	179	30	699	31	744	
FEB 1982	28	-2.9	6.8	15	14	-12.7	23	8	.5	-5.5	4	24	27	510	28	671	

MIDDELTEMPERATUR, STANDARDAVVIK OG ANTALL OBS.

MÅNED	KL	1	4	7	10	13	16	19	22	
DES 1981		-8.7	-8.6	-8.4	-8.0	-6.6	-7.5	-7.9	-8.1	
		5.1	4.9	4.7	4.7	4.6	4.8	5.2	5.4	
		26	26	27	27	26	27	27	27	639
JAN 1982		-7.7	-8.1	-8.5	-8.2	-6.1	-6.2	-7.1	-7.4	
		5.8	5.8	5.8	5.5	5.3	5.3	5.4	5.6	
		31	31	31	31	31	31	31	31	744
FEB 1982		-3.9	-4.4	-4.7	-3.2	-.5	-1.2	-2.4	-3.0	
		3.2	3.7	4.1	3.4	2.8	2.5	2.5	2.7	
		28	28	28	28	28	28	28	28	671

Tabell 9

338 BS Fuktighet 1 12 81 28 2 82 FRA TAPE 1, PARAMETER 8

MÅNED	NDAG	TMIDL	MAX F	MAX DAG	MAX KL	MIN F	MIN DAG	MIN KL	MIDLERE FMAX	MIDLERE TMIN	F< .30 DØGN	F< .30 TIMER	F< .75 DØGN	F< .75 TIMER	F< .95 DØGN	F< .95 TIMER	F
DES 1981	28	.79	.95	18	12	.27	4	24	.85	.72	1	2	12	143	28	634	
JAN 1982	31	.77	.95	15	16	.36	11	14	.84	.69	0	0	18	260	31	743	
FEB 1982	28	.79	.89	15	17	.19	19	13	.86	.65	2	3	18	104	28	672	

MIDDELFUKTIGHET , STANDARDAVVIK OG ANTALL OBS.

MÅNED	KL	1	4	7	10	13	16	19	22	
DES 1981		.81	.80	.79	.80	.80	.80	.79	.79	
		.10	.09	.11	.11	.14	.13	.11	.13	
		26	26	27	27	26	26	26	27	634
JAN 1982		.78	.79	.79	.79	.76	.76	.77	.77	
		.11	.09	.10	.10	.13	.13	.12	.12	
		31	31	31	31	31	31	31	31	744
FEB 1982		.82	.82	.82	.81	.70	.77	.84	.83	
		.04	.04	.03	.05	.17	.10	.05	.04	
		28	28	28	28	28	28	28	28	672

Tabell 10

VINDROSE FRA ÅS
MÅNEDSVISE UTSKRIFTER FOR PERIODEN:
1/12-81 - 28/ 2-82 FRA TAPE 1

MÅNED: DESEMBER 1981

	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	20.8	20.8	20.0	28.0	24.0	19.2	20.0	23.1	20.0
50- 70	4.2	8.3	12.0	8.0	8.0	3.8	8.0	11.5	7.8
80-100	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	.2
110-130	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-160	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.2
170-190	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	.3
200-220	0.0	0.0	0.0	4.0	4.0	3.8	0.0	0.0	1.3
230-250	0.0	4.2	4.0	4.0	4.0	0.0	0.0	0.0	1.7
260-280	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-310	8.3	4.2	4.0	4.0	4.0	3.8	12.0	7.7	6.0
320-340	50.0	33.3	36.0	36.0	40.0	42.3	44.0	53.8	41.9
350- 10	12.5	25.0	20.0	12.0	12.0	19.2	8.0	0.0	16.7
STILLE	4.2	4.2	4.0	4.0	4.0	3.8	4.0	3.8	4.0
ANT.OBS.	24	24	25	25	25	26	25	26	604
MIDL.VIND	3.0	2.9	2.9	3.0	3.3	3.1	3.1	3.1	3.1

VINDANALYSE

DØGNMIDDEL		30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE														4.0
.3- 2.0	M/S	.7	.5	.2	0.0	.2	.3	.2	1.0	0.0	2.6	14.2	3.0	22.8
2.1- 4.0	M/S	6.6	3.0	0.0	0.0	0.0	0.0	1.2	.5	0.0	1.2	24.5	11.8	48.7
4.1- 6.0	M/S	9.3	3.5	0.0	0.0	0.0	0.0	0.0	.2	0.0	1.5	2.2	2.0	18.5
OVER 6.0	M/S	3.5	.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.7	1.0	0.0	6.0
TOTAL		20.0	7.8	.2	0.0	.2	.3	1.3	1.7	0.0	6.0	41.9	16.7	100.0
MIDL.VIND	M/S	4.5	4.4	1.7	0.0	1.3	.9	2.9	1.9	0.0	3.2	2.6	3.0	3.1
ANT. OBS.		121	47	1	0	1	2	8	10	0	36	253	101	604

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 3.1 M/S, BASERT PÅ 607 OBSERVASJONER

Tabell 11

VINDROSE FRA ÅS

MÅNED: JANUAR 1982

	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	10.5	10.5	26.3	21.1	26.3	15.8	10.0	10.5	15.7
50- 70	0.0	5.3	0.0	0.0	0.0	0.0	0.0	5.3	.9
80-100	0.0	5.3	0.0	5.3	0.0	0.0	0.0	0.0	1.1
110-130	5.3	0.0	0.0	0.0	0.0	5.3	5.0	5.3	4.1
140-160	0.0	0.0	5.3	5.3	5.3	10.5	5.0	0.0	3.5
170-190	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3
200-220	10.5	5.3	0.0	5.3	5.3	10.5	5.0	0.0	5.7
230-250	0.0	0.0	10.5	0.0	0.0	0.0	5.0	5.3	2.2
260-280	5.3	5.3	0.0	0.0	5.3	0.0	0.0	0.0	2.4
290-310	10.5	10.5	5.3	15.8	21.1	15.8	20.0	21.1	12.0
320-340	36.8	31.6	36.8	36.8	26.3	26.3	30.0	42.1	36.6
350- 10	21.1	21.1	15.8	10.5	10.5	15.8	20.0	10.5	14.6
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ANT.OBS.	19	19	19	19	19	19	20	19	459
MIDL.VIND	3.0	3.0	2.9	3.2	2.9	3.0	2.8	3.0	2.9

VINDANALYSE

DØGNMIDDEL		30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE														0.0
.3- 2.0	M/S	3.1	.4	1.1	1.5	1.7	1.1	.7	.9	.7	2.0	7.2	3.1	23.3
2.1- 4.0	M/S	7.4	.4	0.0	2.4	1.3	.2	3.7	1.3	1.5	9.4	27.2	7.4	62.3
4.1- 6.0	M/S	4.8	0.0	0.0	.2	.4	0.0	1.3	0.0	.2	.7	2.2	3.7	13.5
OVER 6.0	M/S	.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.4	.9
TOTAL		15.7	.9	1.1	4.1	3.5	1.3	5.7	2.2	2.4	12.0	36.6	14.6	100.0
MIDL.VIND	M/S	3.5	1.6	1.3	2.6	2.4	1.4	3.2	2.2	2.9	2.9	2.8	3.3	2.9
ANT. OBS.		72	4	5	19	16	6	26	10	11	55	168	67	459

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.9 M/S, BASERT PÅ 460 OBSERVASJONER

Tabell 12

VINDROSE FRA ÅS

MÅNED: FEBRUAR 1982

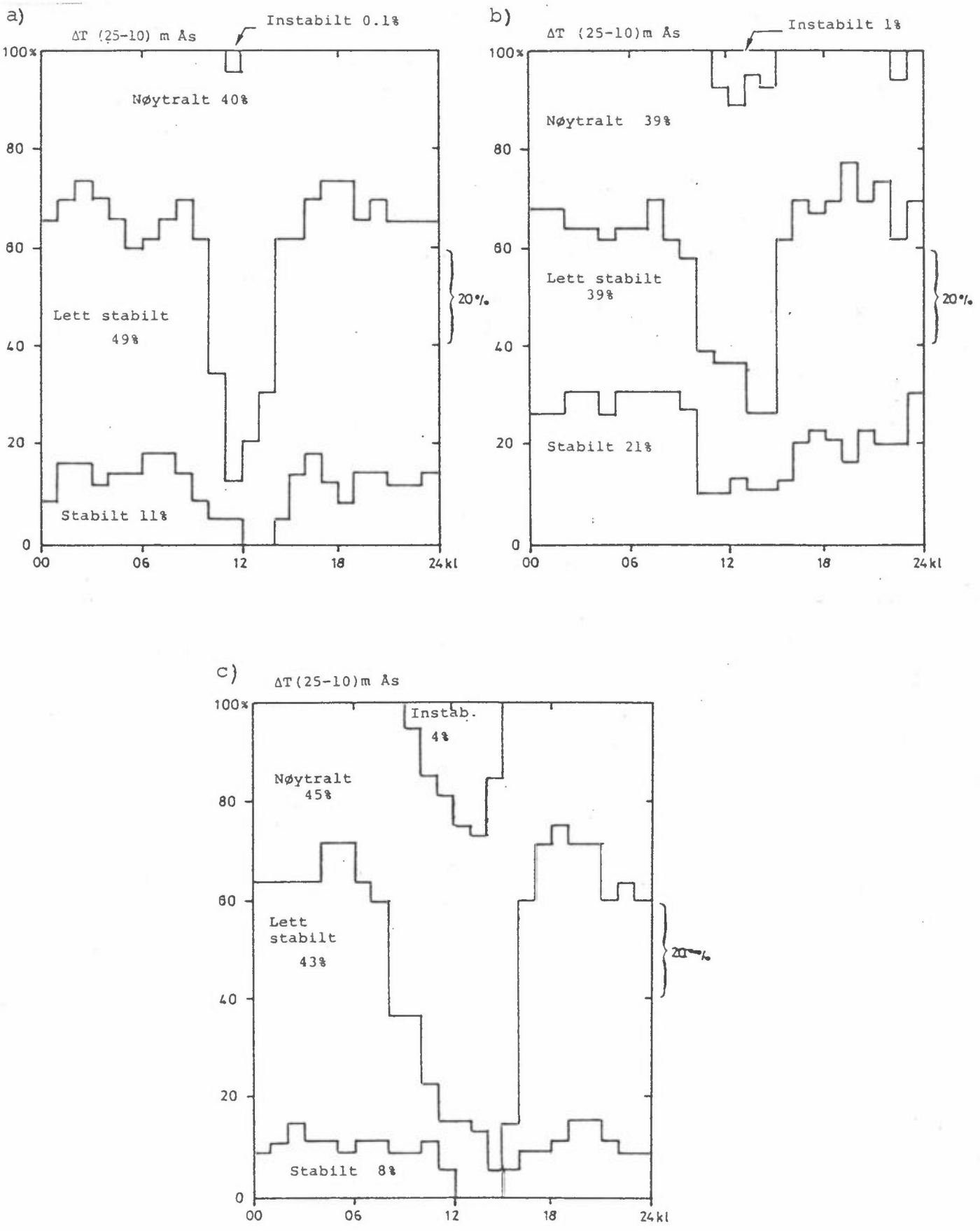
	VINDROSE KL.								
SEKTOR	1	4	7	10	13	16	19	22	DØGN
20- 40	7.1	3.6	3.6	10.7	0.0	3.6	3.6	3.6	4.2
50- 70	0.0	0.0	0.0	0.0	3.6	0.0	3.6	10.7	2.7
80-100	0.0	7.1	0.0	0.0	0.0	7.1	10.7	3.6	3.0
110-130	7.1	7.1	10.7	0.0	25.0	35.7	17.9	3.6	14.0
140-160	10.7	7.1	7.1	10.7	10.7	14.3	17.9	7.1	12.1
170-190	7.1	7.1	7.1	17.9	17.9	10.7	14.3	10.7	10.6
200-220	3.6	3.6	7.1	3.6	3.6	7.1	3.6	7.1	4.9
230-250	0.0	0.0	3.6	3.6	0.0	7.1	3.6	0.0	1.8
260-280	10.7	14.3	7.1	7.1	7.1	10.7	10.7	17.9	10.7
290-310	21.4	10.7	7.1	10.7	7.1	0.0	7.1	7.1	6.7
320-340	21.4	32.1	42.9	32.1	10.7	0.0	7.1	21.4	22.8
350- 10	7.1	7.1	3.6	3.6	10.7	3.6	0.0	7.1	5.4
STILLE	3.6	0.0	0.0	0.0	3.6	0.0	0.0	0.0	1.3
ANT.OBS.	28	28	28	28	28	28	28	28	672
MIDL.VIND	1.8	2.0	2.2	2.0	1.7	2.0	1.9	1.6	1.9

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													1.3
.3- 2.0 M/S	1.6	1.9	2.5	7.9	4.9	4.0	2.5	1.3	9.7	5.5	13.4	4.2	59.5
2.1- 4.0 M/S	2.4	.7	.4	6.1	6.8	5.2	1.8	.4	1.0	1.2	9.2	1.2	36.6
4.1- 6.0 M/S	.1	0.0	0.0	0.0	.3	1.3	.6	0.0	0.0	0.0	.1	0.0	2.5
OVER 6.0 M/S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	4.2	2.7	3.0	14.0	12.1	10.6	4.9	1.8	10.7	6.7	22.8	5.4	100.0
MIDL.VIND M/S	2.1	1.7	1.2	1.9	2.3	2.5	2.2	1.5	1.4	1.4	1.9	1.6	1.9
ANT. OBS.	28	18	20	94	81	71	33	12	72	45	153	36	672

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 1.9 M/S, BASERT PÅ 672 OBSERVASJONER

Tabell 13


a)
ΔT (25-10) m As
Instabilt 0.1%
Nøytralt 40%
Lett stabilt 49%
Stabilt 11%
20%
100%
80
60
40
20
0
00
06
12
18
24kl
b)
ΔT (25-10)m As
Instabilt 1%
Nøytralt 39%
Lett stabilt 39%
Stabilt 21%
20%
c)
ΔT(25-10)m As
Instab. 4%
Nøytralt 45%
Lett stabilt 43%
Stabilt 8%
20%

Tabell 14a

Vind : Ås
Stabilitet: ΔT (25-10 m)
Periode : Desember 1981/82

VINDSTYRKE →	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				
STABILITET →1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ROSE
30	.0	.2	.3	.2	.0	5.4	1.0	.0	.0	9.1	.3	.0	.0	3.5	.0	.0	20.2
60	.0	.0	.3	.2	.0	2.8	.2	.0	.0	3.3	.0	.0	.0	1.0	.0	.0	7.8
90	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
120	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
180	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
210	.0	.0	.2	.0	.0	.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
240	.0	.0	.5	.3	.0	.0	.3	.2	.0	.0	.0	.2	.0	.0	.0	.0	1.5
270	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
300	.0	.2	1.8	.3	.0	.0	.7	.5	.0	.0	1.3	.0	.0	.0	.7	.0	5.5
330	.0	2.3	9.4	2.8	.2	2.8	15.4	5.8	.0	.3	2.0	.0	.0	.3	.7	.0	42.0
360	.0	1.5	1.3	.2	.0	5.1	6.4	.5	.0	1.3	.7	.0	.0	.0	.0	.0	17.0
STILLE	.0	.7	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
TOTAL	0.0	4.8	17.5	4.5	.2	16.7	24.8	6.9	0.0	14.0	4.3	.2	0.0	4.8	1.3	0.01	100.0

VINDRETNING

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
26.8	48.6	18.5	6.1

FORDELING AV STABILITETSKLASSENE

.2	40.3	47.9	11.6

ANTALL TIMER = 744, ANTALL OBSERVASJONER = 605

Tabell 14b

Vind : Ås
Stabilitet: ΔT (25-10 m)
Periode Januar 1982

VINDSTYRKE →	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				
STABILITET →1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ROSE
30	.2	1.7	.9	.0	.0	6.1	1.3	.0	.0	4.8	.2	.0	.0	.4	.0	.0	15.7
60	.0	.2	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
90	.0	.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
120	.0	.4	.2	.9	.0	1.3	.7	.4	.0	.0	.2	.0	.0	.0	.0	.0	4.1
150	.0	.9	.0	.9	.0	.7	.4	.2	.0	.2	.2	.0	.0	.0	.0	.0	3.5
180	.2	.0	.4	.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.3
210	.2	.0	.2	.2	.0	.4	1.5	1.5	.0	.2	1.3	.0	.0	.0	.0	.0	5.7
240	.0	.0	.0	.9	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
270	.0	.0	.2	.4	.0	.0	.2	1.3	.0	.0	.0	.2	.0	.0	.0	.0	2.4
300	.0	.7	.4	.7	.0	1.7	2.8	4.1	.0	.0	.4	.7	.0	.0	.0	.0	11.5
330	.2	2.8	1.5	2.2	.2	3.7	11.1	12.9	.0	.0	.4	1.7	.0	.0	.0	.0	36.8
360	.0	.7	.9	1.3	.0	2.2	5.4	.2	.0	2.8	.9	.0	.0	.4	.0	.0	14.8
STILLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.9	7.6	5.0	8.7	.2	16.6	24.8	20.9	0.0	8.1	3.7	2.6	0.0	.9	0.0	0.0	100.0

VINDRETNING

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
22.2	62.5	14.4	.9

FORDELING AV STABILITETSKLASSENE

1.1	33.1	33.6	32.2

ANTALL TIMER = 744, ANTALL OBSERVASJONER = 459

Tabell 14c

Vind : Ås
Stabilitet: ΔT (25-10 m)
Periode : Februar 1982

VINDSTYRKE →	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				
STABILITET →	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	ROSE
VINDRETNING 30	.0	.9	.9	.0	.0	.3	2.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	4.3
60	.0	.2	1.5	.2	.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
90	.0	.4	2.2	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
120	.9	2.8	3.0	.4	.0	2.2	4.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	13.7
150	.2	1.9	2.5	.3	.0	2.4	4.0	.2	.0	.3	.2	.0	.0	.0	.0	.0	11.9
180	.2	2.7	.7	.0	.0	3.9	1.9	.0	.0	.4	.9	.0	.0	.0	.0	.0	10.7
210	.0	1.8	.6	.3	.2	1.6	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	5.1
240	.0	1.2	.2	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
270	.2	6.9	2.1	.4	.0	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7
300	.3	1.9	2.7	.4	.0	.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6
330	1.5	6.1	2.7	2.8	.4	1.6	5.5	2.1	.0	.0	.2	.0	.0	.0	.0	.0	23.0
360	.4	2.2	1.3	.0	.0	.7	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	5.5
STILLE	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
TOTAL	3.6	29.4	21.0	5.1	.6	14.5	20.3	3.0	0.0	1.5	1.2	0.0	0.0	0.0	0.0	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
59.0	38.3	2.7	0.0

FORDELING AV STABILITETSKLASSENE

4.2	45.3	42.5	8.0

ANTALL TIMER = 672, ANTALL OBSERVASJONER = 671

Tabell 15a

BREVIK,TANGEN JAN. 1982

TIME / DATO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	SUM MM
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	.1	0.0	0.0	0.0	0.0	0.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	.1
5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
10	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
11	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
19	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
20	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
21	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
22	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
23	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
24	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
25	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
26	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
27	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
28	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
29	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
30	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
31	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
																									.1

ANT.TIMER M/REGN: 1
ANT.DØGN M/REGN: 1

Tabell 15b

BREVIK,TANGEN DES. 1981

TIME / DATO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	SUM M4
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.2
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.3	.1	.3	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.3
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.2	.3	.3	.3	.6	.8	.7	.8	.2	1.2	.8	.5	1.0	.9	.5	0.0	9.1
31	.4	.3	.2	.1	.1	.1	.1	.2	.1	.3	.2	.7	.3	0.0	0.0	.2	.3	.2	.2	0.0	.1	0.0	0.0	0.0	4.1
																									14.7

ANT.TIMER M/REGN: 43
ANT.DØGN M/REGN: 5

Tabell 15c

BREVIK,TANGEN FEB. 1982

TIME / DATO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	SUM MM
1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
10	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
11	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
12	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
13	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
14	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
15	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
22	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
23	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
24	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
25	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
26	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
27	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
28	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
																									0.0

ANT.TIMER M/REGN: 0
ANT.DØGN M/REGN: 0

Tabell 16: Månedsvise nedbørmengder.

	Tangen Brevik (mm)	Jomfruland	
		(mm)	% av normal
Desember 1981	14.7	39	41
Januar 1981/82	-	35	45
Februar 1981/82	-	32	62

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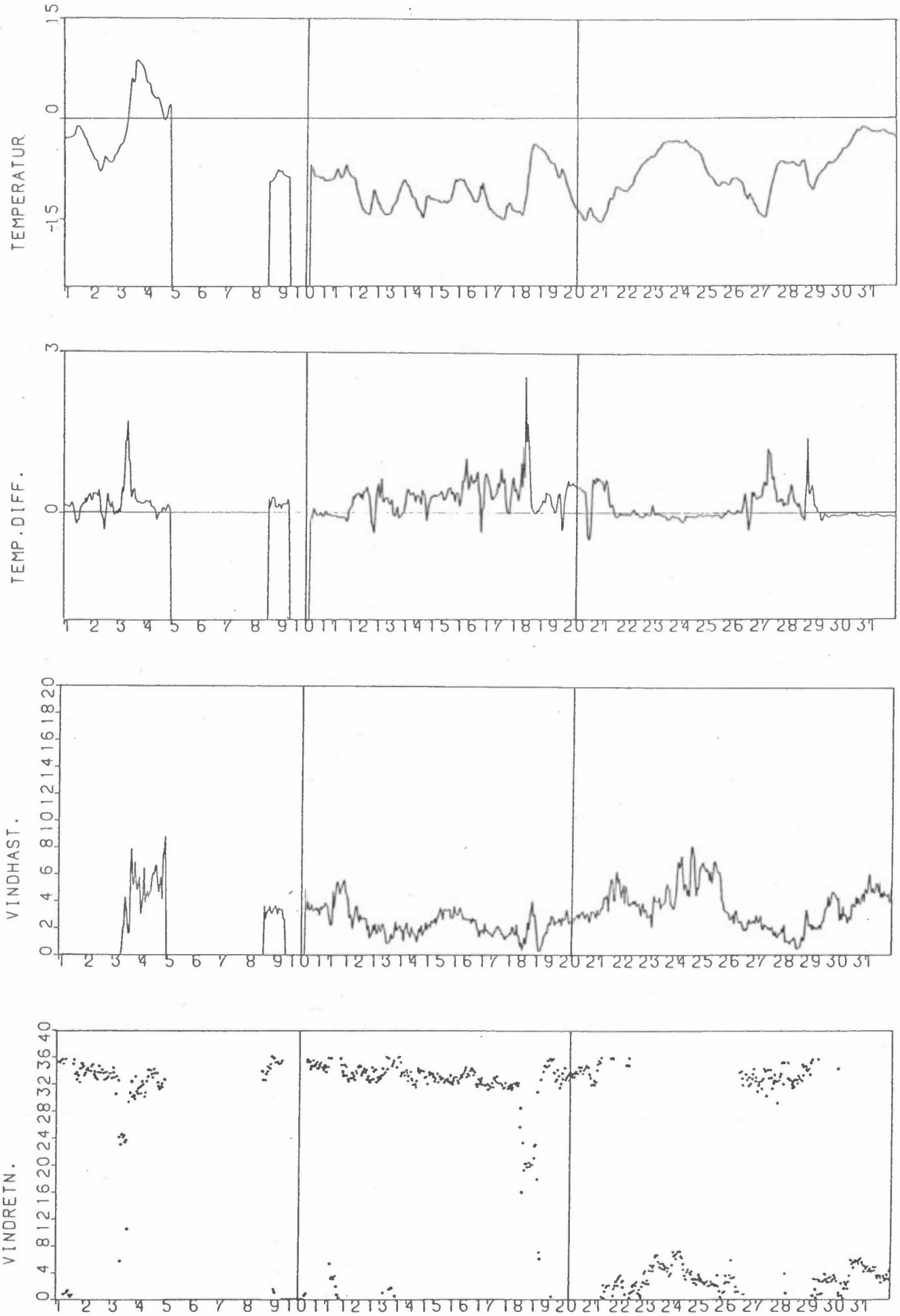
VEDLEGG A

GRAFISK FRAMSTILLING AV TIDSFORLØPET AV:

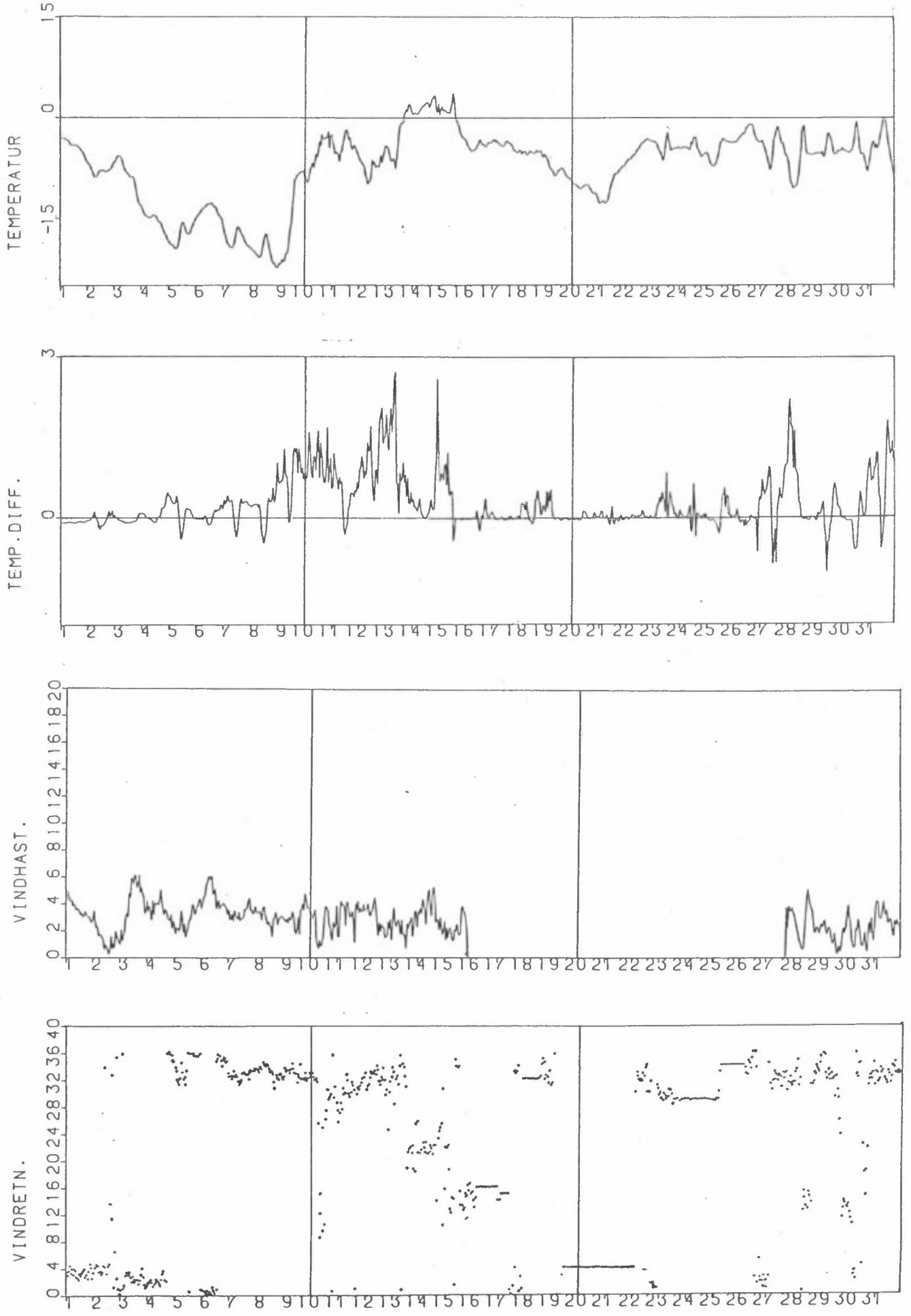
- TEMPERATUR (^{O}C)
- TEMPERATURDIFFERENS (25-10 M)
- VINDHASTIGHET (M/S)
- VINDRETNING (DEKAGRADER)

FOR MÅNEDENE **DESEMBER** 1981, JANUAR OG FEBRUAR 1982 VED ÅS.

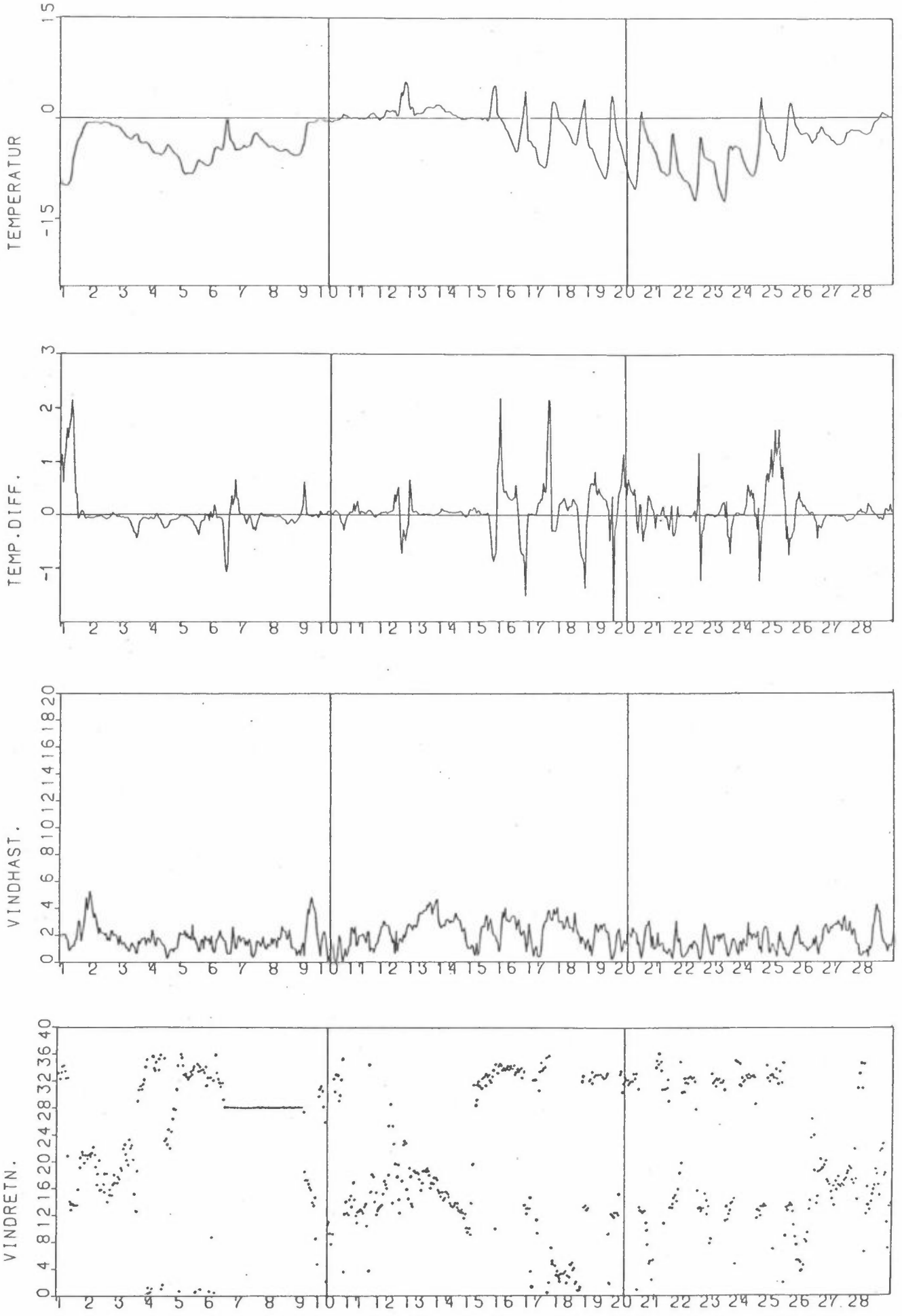
STASJON: 338 ÅS PERIODE: DES. 1981



STASJON: 338 ÅS PERIODE: JAN. 1982



STASJON: 338 ÅS PERIODE: FEB. 1982



VEDLEGG B

LISTE OVER TIMEVISE DATA FRA

NEDRE TELEMARK

1.12.81-28.2.82

			T-RS	DT-RS	RH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
1	12	81	1	-3.3	.15	.58	.0	35.	5.4	1.	8.4	38.	5.1	2.	0.0
1	12	81	2	-3.2	.14	.56	.0	35.	4.9	1.	7.7	32.	5.2	2.	0.0
1	12	81	3	-3.0	.13	.54	.0	35.	6.4	1.	8.1	33.	5.6	36.	0.0
1	12	81	4	-3.1	.13	.54	.0	35.	5.4	1.	8.8	33.	5.1	2.	0.0
1	12	81	5	-3.1	.11	.52	.1	36.	3.9	1.	5.3	32.	5.0	3.	0.0
1	12	81	6	-3.1	.10	.51	.0	35.	7.6	1.	9.5	32.	4.5	36.	0.0
1	12	81	7	-3.0	.18	.51	.0	1.	5.9	1.	8.4	33.	5.2	3.	0.0
1	12	81	8	-3.0	.19	.51	.0	0.	5.4	1.	5.6	31.	5.0	2.	0.0
1	12	81	9	-2.7	.12	.50	.0	36.	5.9	1.	4.9	32.	4.0	36.	0.0
1	12	81	10	-2.5	.03	.50	.1	1.	5.4	4.	4.9	31.	5.0	2.	0.0
1	12	81	11	-1.7	-.15	.47	.0	1.	6.6	1.	6.0	31.	5.0	2.	0.0
1	12	81	12	-1.1	-.21	.45	.1	1.	9.4	1.	6.7	32.	4.5	3.	0.0
1	12	81	13	-1.0	-.13	.44	.0	0.	7.2	1.	7.0	33.	5.0	3.	0.0
1	12	81	14	-1.0	-.15	.43	.0	1.	5.6	1.	6.3	33.	3.5	1.	0.0
1	12	81	15	-1.5	.06	.48	.0	35.	2.5	2.	5.3	33.	3.0	36.	0.0
1	12	81	16	-1.8	.11	.46	.0	35.	3.1	1.	3.5	28.	2.5	35.	0.0
1	12	81	17	-2.1	.13	.51	.0	33.	2.5	2.	4.2	30.	3.0	1.	0.0
1	12	81	18	-2.8	.19	.58	.0	34.	3.3	32.	4.6	31.	2.0	99.	0.0
1	12	81	19	-3.2	.16	.63	.0	33.	2.1	34.	4.6	31.	1.8	1.	0.0
1	12	81	20	-3.3	.27	.64	.0	33.	1.2	3.	3.9	31.	1.6	36.	0.0
1	12	81	21	-3.8	.18	.73	.0	32.	1.8	2.	3.9	30.	1.2	99.	0.0
1	12	81	22	-4.9	.29	.77	.0	34.	1.5	2.	3.5	31.	1.6	2.	0.0
1	12	81	23	-4.7	.33	.76	.0	35.	1.7	2.	3.9	31.	2.5	36.	0.0
1	12	81	24	-5.2	.36	.77	.0	34.	1.9	2.	3.9	31.	2.0	1.	0.0
2	12	81	1	-5.7	.24	.84	99.0	33.	1.7	2.	3.5	30.	2.0	2.	0.0
2	12	81	2	-6.1	.22	.83	99.0	34.	1.6	2.	3.5	30.	2.5	1.	0.0
2	12	81	3	-6.6	.37	.85	99.0	34.	1.7	3.	3.9	30.	2.0	36.	0.0
2	12	81	4	-6.8	.35	.85	99.0	34.	1.5	2.	3.2	31.	1.6	35.	0.0
2	12	81	5	-7.1	.37	.87	99.0	34.	1.4	2.	2.5	31.	1.5	36.	0.0
2	12	81	6	-7.1	.35	.86	99.0	34.	1.7	1.	3.5	31.	1.8	1.	0.0
2	12	81	7	-7.6	.30	.89	99.0	35.	2.5	2.	3.5	30.	2.0	3.	0.0
2	12	81	8	-8.3	.43	.88	99.0	35.	2.1	1.	3.2	31.	1.6	99.	0.0
2	12	81	9	-8.3	.24	.89	99.0	33.	2.1	1.	3.2	30.	99.0	99.	0.0
2	12	81	10	-7.5	-.03	.88	99.0	34.	1.5	1.	2.5	31.	1.5	36.	0.0
2	12	81	11	-7.0	-.05	.88	99.0	33.	1.5	1.	2.5	31.	1.6	99.	0.0
2	12	81	12	-6.2	-.11	.87	99.0	33.	1.6	1.	2.5	31.	1.5	99.	0.0
2	12	81	13	-5.2	-.32	.83	99.0	34.	1.7	1.	2.1	31.	1.7	36.	0.0
2	12	81	14	-5.6	-.11	.82	99.0	35.	2.1	2.	2.1	31.	1.6	99.	0.0
2	12	81	15	-6.3	.14	.82	99.0	34.	1.9	2.	2.8	31.	1.5	99.	0.0
2	12	81	16	-7.1	.36	.86	99.0	34.	2.3	1.	2.5	31.	99.0	99.	0.0
2	12	81	17	-6.9	.22	.85	99.0	34.	2.4	1.	3.2	30.	99.0	99.	0.0
2	12	81	18	-6.8	.12	.85	99.0	34.	1.7	2.	3.9	30.	99.0	99.	0.0
2	12	81	19	-6.6	.09	.88	99.0	33.	2.1	2.	3.5	30.	99.0	99.	0.0
2	12	81	20	-6.9	.21	.87	99.0	34.	1.7	2.	3.2	30.	99.0	99.	0.0
2	12	81	21	-6.2	.08	.86	99.0	33.	1.5	2.	3.2	31.	99.0	99.	0.0
2	12	81	22	-5.4	-.05	.84	99.0	33.	2.1	2.	3.2	31.	99.0	99.	0.0
2	12	81	23	-5.3	-.02	.83	99.0	33.	2.1	2.	2.8	30.	99.0	99.	0.0
2	12	81	24	-5.2	.04	.84	99.0	34.	2.4	2.	3.9	31.	99.0	99.	0.0
3	12	81	1	-4.6	-.03	.83	99.0	33.	1.4	2.	2.8	31.	99.0	99.	0.0
3	12	81	2	-4.2	.08	.84	99.0	34.	1.9	2.	2.5	31.	99.0	99.	0.0
3	12	81	3	-3.8	-.01	.81	99.0	34.	2.4	2.	3.2	31.	99.0	99.	0.0
3	12	81	4	-4.0	.14	.84	99.0	33.	1.6	2.	2.5	31.	99.0	99.	0.0
3	12	81	5	-4.0	.47	.86	99.0	31.	1.2	1.	2.1	32.	99.0	99.	0.0
3	12	81	6	-3.7	.38	.86	99.0	33.	1.8	1.	1.8	31.	99.0	99.	0.0
3	12	81	7	-2.5	.67	.86	99.0	1033.	1.5	2.	1.4	31.	99.0	99.	.2
3	12	81	8	-1.9	1.31	.90	99.0	1024.	2.8	1.	1.8	29.	99.0	99.	0.0
3	12	81	9	-1.7	1.37	.91	.4	1006.	1.1	2.	1.8	20.	99.0	99.	0.0
3	12	81	10	-.8	1.71	.93	1.9	23.	.8	1.	2.5	38.	99.0	99.	0.0
3	12	81	11	1.4	.97	.93	2.2	25.	2.3	1.	2.1	32.	99.0	99.	0.0
3	12	81	12	3.2	.94	.89	4.3	24.	1.3	4.	1.8	24.	99.0	99.	0.0
3	12	81	13	5.6	.29	.83	3.7	24.	.9	10.	1.8	29.	99.0	99.	0.0
3	12	81	14	5.5	.31	.83	2.5	23.	.7	19.	1.8	29.	99.0	99.	0.0
3	12	81	15	4.5	.43	.85	1.6	24.	.9	19.	2.5	38.	2.2	30.	0.0
3	12	81	16	4.8	.45	.79	1.7	1010.	2.1	22.	3.5	27.	2.6	27.	0.0
3	12	81	17	8.1	.26	.51	6.5	29.	4.4	25.	5.3	27.	7.5	33.	0.0
3	12	81	18	8.6	.23	.46	7.9	31.	6.6	26.	5.3	27.	6.5	33.	0.0
3	12	81	19	8.2	.18	.49	5.2	32.	3.7	26.	4.2	27.	6.0	35.	0.0
3	12	81	20	7.9	.21	.48	5.3	30.	2.6	21.	3.2	27.	2.0	35.	0.0
3	12	81	21	7.9	.19	.46	6.9	30.	3.2	24.	3.5	27.	4.5	35.	0.0
3	12	81	22	7.7	.18	.47	5.3	30.	1.9	24.	5.3	30.	5.0	33.	0.0
3	12	81	23	7.1	.17	.49	4.8	33.	1.3	12.	5.6	30.	4.2	31.	0.0
3	12	81	24	7.0	.19	.51	5.4	31.	2.7	24.	4.2	27.	3.5	33.	0.0

				T-RS	DT-RS	RH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
4	12	81	1	6.6	.17	.52	5.8	31.	3.0	24.	3.9	27.	5.0	33.	0.0
4	12	81	2	5.6	.23	.60	3.0	31.	4.7	27.	4.9	29.	4.2	34.	0.0
4	12	81	3	5.1	.22	.62	3.5	31.	3.1	29.	4.2	29.	4.5	34.	0.0
4	12	81	4	5.0	.21	.57	4.3	32.	4.9	29.	8.8	30.	4.4	34.	0.0
4	12	81	5	5.0	.18	.52	6.5	32.	5.2	30.	6.7	31.	5.0	36.	0.0
4	12	81	6	4.4	.23	.49	3.9	32.	2.9	30.	4.2	31.	4.0	00.	0.0
4	12	81	7	4.0	.11	.50	4.3	30.	3.6	29.	3.9	30.	3.5	00.	0.0
4	12	81	8	3.2	.12	.56	4.7	31.	4.3	30.	5.3	30.	2.5	00.	0.0
4	12	81	9	3.1	.11	.50	4.2	32.	4.2	32.	5.3	31.	2.8	00.	0.0
4	12	81	10	3.0	.06	.50	4.6	33.	4.3	32.	8.1	32.	2.6	00.	0.0
4	12	81	11	2.8	.03	.46	4.8	34.	6.7	32.	8.1	32.	4.5	00.	0.0
4	12	81	12	3.2	-.14	.41	5.7	34.	4.8	32.	8.1	33.	5.4	00.	0.0
4	12	81	13	2.8	-.05	.28	6.1	34.	5.2	33.	8.1	32.	5.2	00.	0.0
4	12	81	14	2.2	-.02	.40	5.9	33.	5.1	32.	10.2	33.	6.0	00.	0.0
4	12	81	15	1.7	.02	.41	6.5	34.	5.6	32.	10.5	32.	6.2	00.	0.0
4	12	81	16	1.3	-.00	.32	6.7	34.	6.2	32.	9.5	33.	5.5	00.	0.0
4	12	81	17	.4	.00	.38	5.5	34.	5.4	32.	7.0	33.	5.8	00.	0.0
4	12	81	18	-.3	.10	.34	4.6	32.	3.6	32.	6.7	32.	4.0	00.	0.0
4	12	81	19	-.4	.05	.45	5.2	32.	3.7	30.	6.3	31.	3.1	00.	0.0
4	12	81	20	.2	.03	.34	5.8	31.	4.9	27.	6.0	31.	4.5	00.	0.0
4	12	81	21	.5	.12	.46	4.1	31.	3.3	27.	7.0	30.	4.0	00.	0.0
4	12	81	22	1.5	.16	.34	7.4	32.	5.6	30.	8.8	31.	3.0	00.	0.0
4	12	81	23	2.0	.11	.37	7.7	31.	5.2	30.	9.8	32.	4.2	00.	0.0
4	12	81	24	2.0	.07	.27	8.8	33.	7.4	30.	11.2	32.	5.4	00.	0.0
5	12	81	1	00.0	00.00	00.00	00.0	00.	8.3	32.	12.6	33.	7.5	00.	0.0
5	12	81	2	00.0	00.00	00.00	00.0	00.	8.4	32.	14.0	33.	8.6	00.	0.0
5	12	81	3	00.0	00.00	00.00	00.0	00.	7.6	32.	11.2	34.	7.0	00.	0.0
5	12	81	4	00.0	00.00	00.00	00.0	00.	6.3	33.	9.5	33.	5.2	00.	0.0
5	12	81	5	00.0	00.00	00.00	00.0	00.	6.4	32.	8.8	33.	5.8	00.	0.0
5	12	81	6	00.0	00.00	00.00	00.0	00.	6.2	32.	7.4	32.	4.4	00.	0.0
5	12	81	7	00.0	00.00	00.00	00.0	00.	5.3	32.	6.7	32.	4.0	00.	0.0
5	12	81	8	00.0	00.00	00.00	00.0	00.	5.4	32.	6.3	32.	3.2	00.	0.0
5	12	81	9	00.0	00.00	00.00	00.0	00.	4.8	32.	6.7	33.	3.5	00.	0.0
5	12	81	10	00.0	00.00	00.00	00.0	00.	4.5	32.	9.5	33.	3.6	00.	0.0
5	12	81	11	00.0	00.00	00.00	00.0	00.	5.9	31.	7.4	33.	5.0	00.	0.0
5	12	81	12	00.0	00.00	00.00	00.0	00.	4.5	32.	5.3	33.	4.2	00.	0.0
5	12	81	13	00.0	00.00	00.00	00.0	00.	3.4	34.	4.2	32.	00.0	00.	0.0
5	12	81	14	00.0	00.00	00.00	00.0	00.	2.5	32.	3.5	30.	00.0	00.	0.0
5	12	81	15	00.0	00.00	00.00	00.0	00.	2.1	32.	3.5	29.	00.0	00.	0.0
5	12	81	16	00.0	00.00	00.00	00.0	00.	1.9	27.	2.1	30.	00.0	00.	0.0
5	12	81	17	00.0	00.00	00.00	00.0	00.	.8	28.	1.8	30.	00.0	00.	0.0
5	12	81	18	00.0	00.00	00.00	00.0	00.	1.1	24.	2.1	29.	00.0	00.	0.0
5	12	81	19	00.0	00.00	00.00	00.0	00.	1.8	26.	2.1	30.	00.0	00.	0.0
5	12	81	20	00.0	00.00	00.00	00.0	00.	.8	2.	2.8	32.	00.0	00.	0.0
5	12	81	21	00.0	00.00	00.00	00.0	00.	1.1	4.	2.1	24.	00.0	00.	0.0
5	12	81	22	00.0	00.00	00.00	00.0	00.	.7	2.	2.1	29.	00.0	00.	0.0
5	12	81	23	00.0	00.00	00.00	00.0	00.	.9	2.	2.1	30.	00.0	00.	0.0
5	12	81	24	00.0	00.00	00.00	00.0	00.	.7	3.	2.1	30.	00.0	00.	0.0
6	12	81	1	00.0	00.00	00.00	00.0	00.	.9	2.	3.2	30.	00.0	00.	0.0
6	12	81	2	00.0	00.00	00.00	00.0	00.	1.1	12.	2.5	30.	00.0	00.	0.0
6	12	81	3	00.0	00.00	00.00	00.0	00.	1.1	25.	3.9	29.	00.0	00.	0.0
6	12	81	4	00.0	00.00	00.00	00.0	00.	1.9	32.	2.8	29.	00.0	00.	0.0
6	12	81	5	00.0	00.00	00.00	00.0	00.	1.7	3.	3.2	30.	00.0	00.	0.0
6	12	81	6	00.0	00.00	00.00	00.0	00.	2.1	1.	3.9	30.	00.0	00.	0.0
6	12	81	7	00.0	00.00	00.00	00.0	00.	1.7	2.	3.2	31.	00.0	00.	0.0
6	12	81	8	00.0	00.00	00.00	00.0	00.	.9	2.	3.2	32.	00.0	00.	0.0
6	12	81	9	00.0	00.00	00.00	00.0	00.	2.1	1.	2.8	31.	00.0	00.	0.0
6	12	81	10	00.0	00.00	00.00	00.0	00.	1.3	2.	2.8	31.	00.0	00.	0.0
6	12	81	11	00.0	00.00	00.00	00.0	00.	1.8	2.	3.2	31.	00.0	00.	0.0
6	12	81	12	00.0	00.00	00.00	00.0	00.	2.1	1.	3.2	31.	00.0	00.	0.0
6	12	81	13	00.0	00.00	00.00	00.0	00.	1.7	1.	2.8	32.	00.0	00.	0.0
6	12	81	14	00.0	00.00	00.00	00.0	00.	1.5	1.	3.2	31.	00.0	00.	0.0
6	12	81	15	00.0	00.00	00.00	00.0	00.	2.2	2.	3.5	31.	00.0	00.	0.0
6	12	81	16	00.0	00.00	00.00	00.0	00.	3.6	1.	3.5	31.	00.0	00.	0.0
6	12	81	17	00.0	00.00	00.00	00.0	00.	4.1	1.	2.8	29.	00.0	00.	0.0
6	12	81	18	00.0	00.00	00.00	00.0	00.	2.3	3.	2.5	32.	00.0	00.	0.0
6	12	81	19	00.0	00.00	00.00	00.0	00.	2.3	2.	2.8	32.	00.0	00.	0.0
6	12	81	20	00.0	00.00	00.00	00.0	00.	2.1	1.	2.8	31.	00.0	00.	0.0
6	12	81	21	00.0	00.00	00.00	00.0	00.	1.9	1.	2.8	31.	00.0	00.	0.0
6	12	81	22	00.0	00.00	00.00	00.0	00.	2.5	1.	2.8	31.	00.0	00.	0.0
6	12	81	23	00.0	00.00	00.00	00.0	00.	2.3	1.	2.5	32.	00.0	00.	0.0
6	12	81	24	00.0	00.00	00.00	00.0	00.	2.3	2.	2.1	32.	00.0	00.	0.0

				T-RS	DT-RS	RH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
7	12	81	1	99.0	99.00	99.00	99.0	99.	2.5	1.	2.5	32.	99.0	99.	0.0
7	12	81	2	99.0	99.00	99.00	99.0	99.	2.6	1.	2.5	31.	99.0	99.	0.0
7	12	81	3	99.0	99.00	99.00	99.0	99.	2.6	2.	2.8	30.	99.0	99.	0.0
7	12	81	4	99.0	99.00	99.00	99.0	99.	2.0	2.	3.2	31.	99.0	99.	0.0
7	12	81	5	99.0	99.00	99.00	99.0	99.	2.2	2.	3.5	31.	99.0	99.	0.0
7	12	81	6	99.0	99.00	99.00	99.0	99.	2.3	2.	3.2	30.	99.0	99.	0.0
7	12	81	7	99.0	99.00	99.00	99.0	99.	1.6	1.	2.8	30.	99.0	99.	0.0
7	12	81	8	99.0	99.00	99.00	99.0	99.	1.7	1.	3.5	30.	99.0	99.	0.0
7	12	81	9	99.0	99.00	99.00	99.0	99.	1.5	2.	3.2	30.	99.0	99.	0.0
7	12	81	10	99.0	99.00	99.00	99.0	99.	1.7	2.	3.5	31.	99.0	99.	0.0
7	12	81	11	99.0	99.00	99.00	99.0	99.	1.5	2.	3.2	30.	99.0	99.	0.0
7	12	81	12	99.0	99.00	99.00	99.0	99.	1.5	2.	2.5	30.	99.0	99.	0.0
7	12	81	13	99.0	99.00	99.00	99.0	99.	1.5	2.	2.5	30.	99.0	99.	0.0
7	12	81	14	99.0	99.00	99.00	99.0	99.	1.9	3.	2.8	31.	99.0	99.	0.0
7	12	81	15	99.0	99.00	99.00	99.0	99.	1.9	2.	3.5	31.	99.0	99.	0.0
7	12	81	16	99.0	99.00	99.00	99.0	99.	1.6	2.	2.5	32.	99.0	99.	0.0
7	12	81	17	99.0	99.00	99.00	99.0	99.	1.5	1.	2.8	31.	99.0	99.	0.0
7	12	81	18	99.0	99.00	99.00	99.0	99.	2.1	2.	3.2	31.	99.0	99.	0.0
7	12	81	19	99.0	99.00	99.00	99.0	99.	2.1	2.	3.2	31.	99.0	99.	0.0
7	12	81	20	99.0	99.00	99.00	99.0	99.	1.7	2.	2.8	32.	99.0	99.	0.0
7	12	81	21	99.0	99.00	99.00	99.0	99.	1.5	1.	3.2	31.	99.0	99.	0.0
7	12	81	22	99.0	99.00	99.00	99.0	99.	1.9	1.	3.2	30.	99.0	99.	0.0
7	12	81	23	99.0	99.00	99.00	99.0	99.	1.9	2.	2.5	31.	99.0	99.	0.0
7	12	81	24	99.0	99.00	99.00	99.0	99.	1.6	2.	2.8	30.	99.0	99.	0.0
8	12	81	1	99.0	99.00	99.00	99.0	99.	1.3	1.	2.5	31.	99.0	99.	0.0
8	12	81	2	99.0	99.00	99.00	99.0	99.	1.4	2.	2.5	32.	99.0	99.	0.0
8	12	81	3	99.0	99.00	99.00	99.0	99.	1.4	2.	3.2	31.	99.0	99.	0.0
8	12	81	4	99.0	99.00	99.00	99.0	99.	1.3	1.	3.5	30.	99.0	99.	0.0
8	12	81	5	99.0	99.00	99.00	99.0	99.	1.2	2.	3.2	30.	99.0	99.	0.0
8	12	81	6	99.0	99.00	99.00	99.0	99.	1.1	2.	3.5	30.	99.0	99.	0.0
8	12	81	7	99.0	99.00	99.00	99.0	99.	1.4	2.	3.9	30.	99.0	99.	0.0
8	12	81	8	99.0	99.00	99.00	99.0	99.	1.1	2.	4.2	29.	99.0	99.	0.0
8	12	81	9	99.0	99.00	99.00	99.0	99.	.8	2.	3.9	30.	99.0	99.	0.0
8	12	81	10	99.0	99.00	99.00	99.0	99.	1.1	2.	3.9	32.	99.0	99.	0.0
8	12	81	11	99.0	99.00	99.00	99.0	99.	1.2	2.	4.6	32.	99.0	99.	0.0
8	12	81	12	99.0	99.00	99.00	99.0	99.	1.1	2.	4.2	31.	99.0	99.	0.0
8	12	81	13	99.0	99.00	99.00	99.0	99.	1.6	32.	4.6	29.	99.0	99.	0.0
8	12	81	14	99.0	99.00	99.00	99.0	99.	1.5	32.	4.2	30.	99.0	99.	0.0
8	12	81	15	99.0	99.00	99.00	99.0	99.	1.2	2.	4.9	29.	99.0	99.	0.0
8	12	81	16	-9.8	.25	99.00	3.6	34.	1.3	2.	4.2	29.	99.0	99.	0.0
8	12	81	17	-9.6	.09	99.00	2.6	33.	1.4	3.	4.2	28.	99.0	99.	0.0
8	12	81	18	-9.7	.19	99.00	3.1	32.	1.1	2.	4.9	29.	99.0	99.	0.0
8	12	81	19	-9.6	.29	99.00	3.5	34.	1.6	2.	3.9	28.	99.0	99.	0.0
8	12	81	20	-9.3	.29	99.00	3.2	34.	1.5	2.	4.6	28.	99.0	99.	0.0
8	12	81	21	-9.2	.26	.74	3.6	34.	1.5	2.	4.9	29.	99.0	99.	0.0
8	12	81	22	-8.2	.10	.72	3.1	34.	1.4	2.	4.2	31.	99.0	99.	0.0
8	12	81	23	-8.2	.11	.72	3.0	35.	2.1	2.	4.6	30.	99.0	99.	0.0
8	12	81	24	-7.9	.09	.73	3.4	36.	4.1	2.	6.0	30.	99.0	99.	0.0
9	12	81	1	-8.2	.16	.72	3.4	36.	4.1	1.	6.7	38.	99.0	99.	0.0
9	12	81	2	-8.4	.14	.71	3.7	2.	3.5	1.	5.6	38.	99.0	99.	0.0
9	12	81	3	-8.0	.06	.69	3.4	1.	3.6	1.	5.6	33.	99.0	99.	0.0
9	12	81	4	-8.5	.15	.69	3.0	35.	3.0	2.	6.0	33.	99.0	99.	0.0
9	12	81	5	-8.7	.17	.68	3.5	35.	2.8	2.	6.3	33.	99.0	99.	0.0
9	12	81	6	-8.8	.16	.66	3.3	35.	4.0	1.	6.0	33.	99.0	99.	0.0
9	12	81	7	-8.9	.15	.66	3.3	35.	4.4	1.	5.6	33.	99.0	99.	0.0
9	12	81	8	-9.0	.16	.65	3.4	35.	4.3	2.	6.0	33.	99.0	99.	0.0
9	12	81	9	-9.3	.24	.66	2.7	35.	1.6	6.	6.0	33.	99.0	99.	0.0
9	12	81	10	-8.9	.11	.65	2.6	2035.	3.1	2.	6.0	33.	99.0	99.	0.0
9	12	81	11	99.0	99.00	99.00	99.0	99.	3.9	2.	5.6	35.	99.0	99.	0.0
9	12	81	12	99.0	99.00	99.00	99.0	99.	6.0	2.	6.0	33.	99.0	99.	0.0
9	12	81	13	99.0	99.00	99.00	99.0	99.	5.4	1.	6.0	27.	99.0	99.	0.0
9	12	81	14	99.0	99.00	99.00	99.0	99.	5.2	1.	6.7	27.	99.0	99.	0.0
9	12	81	15	99.0	99.00	99.00	99.0	99.	4.7	1.	6.3	27.	99.0	99.	0.0
9	12	81	16	99.0	99.00	99.00	99.0	99.	4.6	1.	6.0	35.	99.0	99.	0.0
9	12	81	17	99.0	99.00	99.00	99.0	99.	3.3	1.	6.0	34.	99.0	99.	0.0
9	12	81	18	99.0	99.00	99.00	99.0	99.	3.6	1.	6.3	33.	99.0	99.	0.0
9	12	81	19	99.0	99.00	99.00	99.0	99.	3.1	1.	6.0	33.	99.0	99.	0.0
9	12	81	20	99.0	99.00	99.00	99.0	99.	2.9	1.	5.6	33.	99.0	99.	0.0
9	12	81	21	99.0	99.00	99.00	99.0	99.	3.1	1.	6.0	33.	99.0	99.	0.0
9	12	81	22	99.0	99.00	99.00	99.0	99.	2.9	1.	6.0	35.	99.0	99.	0.0
9	12	81	23	99.0	99.00	99.00	99.0	99.	3.3	1.	5.6	33.	99.0	99.	0.0
9	12	81	24	99.0	99.00	99.00	99.0	99.	3.6	1.	6.0	34.	99.0	99.	0.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
10	12	81	1	99.0	99.00	99.00	99.0	99.	3.4	1.	5.6	30.	99.0	99.	0.0
10	12	81	2	99.0	99.00	99.00	99.0	99.	3.3	1.	5.6	31.	99.0	99.	0.0
10	12	81	3	99.0	99.00	99.00	99.0	99.	2.7	1.	5.3	30.	99.0	99.	0.0
10	12	81	4	99.0	99.00	99.00	99.0	99.	3.3	1.	5.3	28.	99.0	99.	0.0
10	12	81	5	-6.8	-.19	.60	4.9	0.	2.7	1.	6.0	28.	99.0	99.	0.0
10	12	81	6	-7.1	-.11	.61	5.3	1.	2.9	1.	4.9	29.	99.0	99.	0.0
10	12	81	7	-7.9	-.00	.65	4.0	1.	3.4	1.	6.0	28.	99.0	99.	0.0
10	12	81	8	-8.5	.07	.65	3.3	36.	3.1	1.	5.3	29.	99.0	99.	0.0
10	12	81	9	-8.8	.02	.66	3.3	35.	2.8	1.	4.2	29.	99.0	99.	0.0
10	12	81	10	-8.5	-.03	.66	3.8	35.	2.2	1.	3.9	30.	99.0	99.	0.0
10	12	81	11	-8.4	-.06	.71	3.3	34.	2.3	1.	4.2	30.	99.0	99.	0.0
10	12	81	12	-8.5	-.05	.75	3.3	34.	2.6	1.	4.2	30.	99.0	99.	0.0
10	12	81	13	-8.7	-.04	.74	3.4	35.	2.3	2.	3.9	32.	99.0	99.	0.0
10	12	81	14	-8.8	-.01	.76	3.5	34.	2.1	1.	3.9	31.	99.0	99.	0.0
10	12	81	15	-8.5	-.04	.70	3.2	35.	2.3	1.	4.2	30.	99.0	99.	0.0
10	12	81	16	-8.6	-.08	.74	3.5	35.	2.1	1.	3.2	30.	99.0	99.	0.0
10	12	81	17	-9.0	-.06	.82	2.9	34.	2.4	1.	3.9	31.	99.0	99.	0.0
10	12	81	18	-9.1	.01	.77	3.6	35.	2.6	1.	4.2	31.	99.0	99.	0.0
10	12	81	19	-9.3	.03	.76	3.3	35.	2.7	1.	4.2	31.	99.0	99.	0.0
10	12	81	20	-9.0	-.04	.76	3.6	35.	2.8	2.	4.6	31.	99.0	99.	0.0
10	12	81	21	-9.0	-.03	.76	3.5	34.	2.2	2.	4.2	31.	99.0	99.	0.0
10	12	81	22	-9.1	-.03	.75	3.9	34.	2.6	2.	5.3	31.	99.0	99.	0.0
10	12	81	23	-8.9	-.05	.72	3.8	34.	2.3	7.	5.3	32.	99.0	99.	0.0
10	12	81	24	-8.9	-.05	.71	3.6	35.	2.6	2.	5.6	32.	99.0	99.	0.0
11	12	81	1	-8.9	-.07	.88	3.0	34.	2.1	2.	5.3	32.	99.0	99.	0.0
11	12	81	2	-8.5	-.06	.88	2.5	35.	2.5	1.	4.6	32.	99.0	99.	0.0
11	12	81	3	-8.2	-.05	.88	2.2	36.	4.6	1.	4.2	32.	99.0	99.	0.0
11	12	81	4	-7.8	-.05	.88	2.3	36.	6.3	2.	4.9	99.	99.0	99.	0.0
11	12	81	5	-7.3	-.09	.88	4.7	5.	7.6	2.	6.3	99.	99.0	99.	0.0
11	12	81	6	-7.7	-.08	.87	3.5	3.	7.2	3.	6.0	99.	99.0	99.	0.0
11	12	81	7	-8.3	-.08	.86	4.3	3.	8.6	2.	8.8	99.	99.0	99.	0.0
11	12	81	8	-8.6	-.09	.86	5.2	3.	9.2	2.	8.4	99.	99.0	99.	0.0
11	12	81	9	-8.5	-.09	.84	5.4	3.	9.4	2.	8.1	99.	99.0	99.	0.0
11	12	81	10	-8.2	-.08	.83	5.1	2.	8.4	2.	6.0	99.	99.0	99.	0.0
11	12	81	11	-7.7	-.09	.82	4.5	1.	7.0	2.	5.3	31.	99.0	99.	0.0
11	12	81	12	-7.1	-.10	.79	4.9	0.	5.2	1.	6.0	33.	99.0	99.	0.0
11	12	81	13	-6.7	-.17	.73	5.2	36.	4.7	1.	7.0	33.	99.0	99.	0.0
11	12	81	14	-7.6	-.14	.69	5.4	35.	5.1	36.	6.3	32.	5.5	3.	0.0
11	12	81	15	-8.1	.05	.69	5.6	34.	4.1	1.	5.3	30.	5.0	2.	0.0
11	12	81	16	-8.6	.08	.70	4.7	33.	4.4	1.	4.2	31.	5.1	3.	0.0
11	12	81	17	-8.7	.10	.69	4.5	35.	3.7	1.	3.9	31.	4.0	2.	0.0
11	12	81	18	-9.0	.15	.67	4.2	35.	2.9	2.	3.2	30.	2.2	1.	0.0
11	12	81	19	-9.5	.30	.72	2.7	33.	1.6	2.	3.5	31.	1.9	3.	0.0
11	12	81	20	-9.3	.26	.78	3.0	33.	1.3	2.	3.5	31.	2.0	99.	0.0
11	12	81	21	-10.0	.34	.79	2.7	32.	2.1	2.	3.5	31.	2.0	99.	0.0
11	12	81	22	-11.1	.35	.85	1.9	33.	2.4	1.	3.2	31.	2.0	99.	0.0
11	12	81	23	-11.8	.35	.86	2.7	34.	1.3	1.	3.2	31.	2.3	3.	0.0
11	12	81	24	-12.2	.37	.86	3.1	33.	1.8	2.	3.5	31.	2.2	2.	0.0
12	12	81	1	-12.7	.28	.86	3.6	33.	1.9	1.	3.5	31.	3.8	3.	0.0
12	12	81	2	-13.3	.34	.86	3.7	32.	2.3	1.	3.9	31.	3.7	3.	0.0
12	12	81	3	-13.8	.23	.83	2.8	34.	1.5	2.	3.5	31.	2.5	2.	0.0
12	12	81	4	-14.3	.40	.83	2.4	34.	1.9	2.	3.5	31.	2.0	3.	0.0
12	12	81	5	-14.5	.38	.82	3.0	35.	1.7	1.	3.5	31.	1.8	2.	0.0
12	12	81	6	-14.9	.41	.82	2.7	35.	2.2	1.	2.8	32.	1.9	1.	0.0
12	12	81	7	-15.0	.48	.83	2.7	35.	1.9	1.	2.5	32.	1.6	99.	0.0
12	12	81	8	-14.7	.36	.84	2.8	33.	1.7	2.	3.2	31.	1.5	99.	0.0
12	12	81	9	-14.9	.32	.84	2.7	34.	1.9	2.	3.2	31.	1.6	3.	0.0
12	12	81	10	-14.0	.09	.84	2.7	34.	2.1	1.	2.8	30.	1.8	3.	0.0
12	12	81	11	-12.5	-.21	.84	1.9	34.	1.4	1.	2.5	30.	1.9	3.	0.0
12	12	81	12	-12.2	-.25	.84	2.2	34.	1.6	1.	2.1	31.	2.1	3.	0.0
12	12	81	13	-10.9	-.38	.83	1.2	33.	1.3	2.	2.5	31.	1.9	5.	0.0
12	12	81	14	-11.1	-.10	.85	1.5	33.	1.5	2.	2.1	31.	1.5	3.	0.0
12	12	81	15	-12.3	.30	.84	1.6	32.	1.1	2.	2.5	31.	99.0	99.	0.0
12	12	81	16	-12.9	.45	.87	2.2	32.	1.7	2.	2.8	31.	99.0	99.	0.0
12	12	81	17	-13.9	.54	.86	1.8	34.	1.5	2.	2.8	31.	99.0	99.	0.0
12	12	81	18	-13.1	.27	.87	2.3	33.	.9	1.	3.2	31.	99.0	99.	0.0
12	12	81	19	-13.8	.38	.87	1.5	34.	1.5	1.	2.5	32.	99.0	99.	0.0
12	12	81	20	-14.6	.63	.85	1.7	34.	1.7	1.	2.8	32.	99.0	99.	0.0
12	12	81	21	-14.1	.19	.86	2.3	32.	1.1	2.	3.5	30.	99.0	99.	0.0
12	12	81	22	-14.5	.20	.85	1.8	33.	1.3	1.	3.2	32.	99.0	99.	0.0
12	12	81	23	-14.7	.27	.84	1.7	32.	1.1	1.	3.5	32.	99.0	99.	0.0
12	12	81	24	-14.7	.27	.84	2.3	33.	1.1	2.	3.2	32.	99.0	99.	0.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
13	12	81	1	-14.5	.29	.85	2.3	33.	1.5	1.	2.8	32.	00.0	00.	0.0
13	12	81	2	-14.6	.19	.84	1.9	34.	1.1	1.	2.5	32.	00.0	00.	0.0
13	12	81	3	-14.3	.15	.84	1.5	33.	.7	2.	2.8	00.	00.0	00.	0.0
13	12	81	4	-14.3	.18	.84	.9	1.	1.2	2.	2.5	00.	00.0	00.	0.0
13	12	81	5	-13.9	.24	.84	.9	34.	1.1	2.	2.5	00.	00.0	00.	0.0
13	12	81	6	-12.8	-.01	.85	.9	36.	1.5	2.	1.8	00.	00.0	00.	0.0
13	12	81	7	-12.7	-.06	.85	1.1	34.	1.1	1.	2.5	00.	00.0	00.	0.0
13	12	81	8	-12.2	-.06	.85	1.6	36.	1.7	2.	2.1	00.	00.0	00.	0.0
13	12	81	9	-12.3	.03	.85	1.2	2.	1.4	2.	1.8	00.	2.5	4.	0.0
13	12	81	10	-11.7	.11	.86	1.3	2.	1.5	1.	2.5	00.	1.5	00.	0.0
13	12	81	11	-10.7	-.10	.87	1.7	35.	2.3	1.	3.2	00.	2.2	5.	0.0
13	12	81	12	-10.5	-.10	.87	2.5	35.	2.9	2.	3.9	00.	2.5	4.	0.0
13	12	81	13	-9.9	-.05	.88	1.8	35.	2.3	2.	3.2	00.	2.0	4.	0.0
13	12	81	14	-9.7	-.02	.88	2.0	0.	1.8	2.	2.8	00.	3.2	3.	0.0
13	12	81	15	-9.2	-.01	.89	2.1	34.	1.7	2.	3.2	00.	2.8	36.	0.0
13	12	81	16	-9.2	.06	.89	2.2	36.	1.7	2.	3.5	00.	2.0	36.	0.0
13	12	81	17	-9.4	.18	.89	1.7	36.	1.5	2.	2.5	00.	2.2	5.	0.0
13	12	81	18	-10.3	.35	.88	1.9	35.	1.5	1.	2.1	00.	2.0	6.	0.0
13	12	81	19	-10.9	.44	.88	1.0	33.	1.1	2.	3.2	00.	1.8	00.	0.0
13	12	81	20	-11.3	.41	.87	1.9	34.	1.7	1.	3.2	00.	00.0	00.	0.0
13	12	81	21	-11.1	.33	.87	2.1	34.	1.7	1.	3.2	00.	00.0	00.	0.0
13	12	81	22	-11.5	.31	.87	2.4	33.	1.1	1.	3.2	00.	00.0	00.	0.0
13	12	81	23	-12.3	.36	.86	1.6	34.	1.2	1.	3.2	00.	00.0	00.	0.0
13	12	81	24	-12.9	.37	.86	1.6	34.	1.3	2.	3.2	00.	00.0	00.	0.0
14	12	81	1	-12.5	.31	.86	1.3	32.	.7	2.	3.2	00.	00.0	00.	0.0
14	12	81	2	-12.4	.19	.86	2.1	33.	1.5	1.	3.2	00.	00.0	00.	0.0
14	12	81	3	-13.3	.32	.85	1.8	34.	1.3	1.	2.8	00.	00.0	00.	0.0
14	12	81	4	-14.0	.32	.84	1.6	33.	1.3	1.	2.5	00.	00.0	00.	0.0
14	12	81	5	-14.1	.30	.84	1.5	32.	1.1	1.	2.8	00.	00.0	00.	0.0
14	12	81	6	-14.0	.24	.84	1.3	32.	1.1	2.	2.8	00.	00.0	00.	0.0
14	12	81	7	-14.3	.15	.84	1.0	32.	.9	1.	2.5	00.	00.0	00.	0.0
14	12	81	8	-15.3	.42	.83	1.4	31.	.9	1.	3.2	00.	00.0	00.	0.0
14	12	81	9	-15.3	.34	.83	2.0	32.	1.1	1.	3.5	00.	00.0	00.	0.0
14	12	81	10	-14.6	.35	.83	1.7	34.	1.3	1.	3.5	00.	1.8	2.	0.0
14	12	81	11	-13.5	.13	.84	2.2	34.	1.4	1.	2.5	00.	2.0	36.	0.0
14	12	81	12	-12.5	-.16	.86	1.4	34.	1.1	1.	2.1	00.	1.6	3.	0.0
14	12	81	13	-11.9	.00	.87	1.7	34.	1.2	2.	1.8	00.	1.0	3.	0.0
14	12	81	14	-11.9	.16	.86	1.8	34.	1.4	1.	2.5	33.	1.0	4.	0.0
14	12	81	15	-12.1	.22	.86	2.4	34.	1.1	1.	2.5	32.	1.2	3.	0.0
14	12	81	16	-12.5	.29	.86	1.8	33.	1.3	2.	3.2	30.	1.1	3.	0.0
14	12	81	17	-12.5	.30	.86	2.2	33.	1.1	2.	3.2	31.	1.3	3.	0.0
14	12	81	18	-12.4	.31	.86	2.3	33.	1.1	1.	3.2	30.	1.6	3.	0.0
14	12	81	19	-12.7	.34	.86	2.0	32.	.9	2.	3.2	30.	1.5	33.	0.0
14	12	81	20	-12.5	.30	.86	2.5	34.	1.3	2.	3.5	31.	1.7	36.	0.0
14	12	81	21	-12.5	.31	.85	2.4	33.	.9	2.	3.2	31.	1.6	2.	0.0
14	12	81	22	-12.7	.33	.85	2.4	34.	.7	2.	2.8	32.	1.6	3.	0.0
14	12	81	23	-12.6	.34	.85	2.7	33.	.9	2.	3.5	31.	1.7	36.	0.0
14	12	81	24	-12.9	.36	.85	2.3	33.	.7	2.	2.8	32.	1.8	34.	0.0
15	12	81	1	-13.0	.40	.85	2.7	32.	.7	2.	3.5	32.	1.8	36.	0.0
15	12	81	2	-13.0	.34	.85	2.9	33.	1.1	2.	3.5	31.	1.9	36.	0.0
15	12	81	3	-12.7	.24	.84	3.1	33.	1.3	2.	3.9	31.	1.7	1.	0.0
15	12	81	4	-12.5	.24	.84	3.5	32.	1.1	2.	3.9	31.	1.9	2.	0.0
15	12	81	5	-12.8	.29	.84	3.2	33.	1.4	2.	4.2	31.	2.3	2.	0.0
15	12	81	6	-13.1	.35	.84	2.6	33.	1.3	2.	3.5	31.	2.0	2.	0.0
15	12	81	7	-12.7	.44	.83	3.4	33.	1.2	2.	3.2	31.	2.0	3.	0.0
15	12	81	8	-12.7	.45	.83	3.4	33.	1.1	2.	3.5	31.	1.9	1.	0.0
15	12	81	9	-12.8	.47	.84	3.3	32.	1.1	2.	3.9	31.	2.1	3.	0.0
15	12	81	10	-12.0	.33	.84	3.3	33.	1.1	2.	3.9	31.	1.9	3.	0.0
15	12	81	11	-11.4	.39	.84	3.4	33.	.9	2.	3.9	31.	2.2	3.	0.0
15	12	81	12	-10.6	.35	.84	3.4	33.	1.2	2.	3.5	31.	2.0	3.	0.0
15	12	81	13	-9.8	.20	.84	2.7	32.	1.1	2.	3.5	31.	1.6	4.	0.0
15	12	81	14	-9.6	.35	.83	2.8	33.	1.1	3.	3.5	30.	1.8	4.	0.0
15	12	81	15	-10.0	.37	.84	2.8	32.	1.1	2.	3.2	31.	1.7	3.	0.0
15	12	81	16	-9.6	.35	.85	3.6	32.	1.2	2.	4.2	30.	1.6	2.	0.0
15	12	81	17	-9.2	.11	.86	3.2	32.	1.1	2.	3.5	30.	2.0	36.	0.0
15	12	81	18	-9.3	.21	.85	3.0	33.	1.1	2.	2.8	30.	2.0	3.	0.0
15	12	81	19	-9.9	.34	.85	2.9	33.	.9	2.	3.5	30.	1.9	3.	0.0
15	12	81	20	-9.8	.60	.87	3.1	33.	.9	2.	2.8	31.	1.1	4.	0.0
15	12	81	21	-9.9	.58	.85	3.5	32.	1.2	2.	2.8	32.	1.5	3.	0.0
15	12	81	22	-10.2	.72	.83	3.3	32.	.7	2.	3.2	31.	00.0	00.	0.0
15	12	81	23	-10.7	1.01	.80	3.0	33.	.7	1.	3.2	32.	00.0	00.	0.0
15	12	81	24	-11.1	.71	.89	2.6	33.	.8	1.	3.2	32.	00.0	00.	0.0

			T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
16	12	81	1	-11.2	.42	.89	2.6	33.	.9	1.	3.2	32.	00.0	00.	0.0
16	12	81	2	-11.5	.51	.89	2.7	33.	1.1	1.	2.8	34.	00.0	00.	0.0
16	12	81	3	-12.0	.71	.87	2.6	34.	.9	1.	3.2	33.	00.0	00.	0.0
16	12	81	4	-12.2	.62	.87	2.6	34.	.9	2.	2.8	33.	00.0	00.	0.0
16	12	81	5	-12.6	.53	.86	2.7	33.	1.1	1.	2.5	32.	00.0	00.	0.0
16	12	81	6	-12.8	.62	.86	2.7	33.	.6	2.	2.8	33.	00.0	00.	0.0
16	12	81	7	-12.9	.56	.85	2.3	33.	1.1	1.	2.5	33.	00.0	00.	0.0
16	12	81	8	-13.0	.69	.85	2.8	34.	.7	2.	2.1	32.	00.0	00.	0.0
16	12	81	9	-13.3	.76	.85	2.5	34.	1.1	2.	3.5	32.	00.0	00.	0.0
16	12	81	10	-12.3	.38	.35	2.7	34.	1.1	2.	3.2	33.	00.0	00.	0.0
16	12	81	11	-11.8	.31	.84	2.5	33.	1.1	1.	3.2	33.	00.0	00.	0.0
16	12	81	12	-11.0	-.37	.87	1.9	34.	1.1	1.	2.8	33.	00.0	00.	0.0
16	12	81	13	-10.7	.08	.88	1.9	32.	.8	2.	2.8	33.	00.0	00.	0.0
16	12	81	14	-10.5	.06	.88	1.3	32.	.8	1.	2.5	33.	00.0	00.	0.0
16	12	81	15	-11.6	.57	.87	1.7	33.	.9	2.	3.2	32.	00.0	00.	0.0
16	12	81	16	-12.4	.72	.86	1.9	32.	.8	2.	3.5	33.	00.0	00.	0.0
16	12	81	17	-12.7	.73	.86	1.8	32.	.8	2.	3.2	32.	00.0	00.	0.0
16	12	81	18	-13.3	.63	.85	1.5	33.	1.1	1.	3.5	32.	00.0	00.	0.0
16	12	81	19	-13.8	.54	.84	2.3	32.	1.1	2.	3.2	31.	00.0	00.	0.0
16	12	81	20	-14.3	.48	.83	1.7	32.	.8	2.	2.8	32.	00.0	00.	0.0
16	12	81	21	-13.9	.30	.84	1.9	32.	.7	2.	2.8	32.	00.0	00.	0.0
16	12	81	22	-14.0	.23	.84	1.6	32.	.9	2.	2.5	31.	00.0	00.	0.0
16	12	81	23	-14.5	.29	.83	1.7	32.	.8	2.	3.2	30.	00.0	00.	0.0
16	12	81	24	-14.4	.29	.83	1.5	31.	.7	1.	2.8	31.	00.0	00.	0.0
17	12	81	1	-14.7	.33	.83	1.5	32.	.5	2.	3.2	31.	00.0	00.	0.0
17	12	81	2	-15.0	.37	.83	1.3	31.	.3	2.	2.8	30.	00.0	00.	0.0
17	12	81	3	-15.2	.55	.82	1.6	32.	.8	1.	2.8	31.	00.0	00.	0.0
17	12	81	4	-15.0	.46	.82	1.8	31.	.8	2.	3.2	31.	00.0	00.	0.0
17	12	81	5	-15.0	.56	.82	1.9	33.	.9	1.	3.5	32.	00.0	00.	0.0
17	12	81	6	-15.4	.81	.81	2.1	33.	.8	2.	3.2	32.	00.0	00.	0.0
17	12	81	7	-15.4	.57	.81	2.2	32.	.7	1.	2.8	32.	00.0	00.	0.0
17	12	81	8	-15.3	.54	.82	1.8	33.	.8	2.	3.5	32.	00.0	00.	0.0
17	12	81	9	-15.7	.64	.82	1.9	32.	.7	2.	3.2	30.	00.0	00.	0.0
17	12	81	10	-14.4	.18	.83	1.5	32.	.9	1.	3.2	31.	00.0	00.	0.0
17	12	81	11	-13.3	.02	.84	1.6	32.	.8	2.	2.8	32.	00.0	00.	0.0
17	12	81	12	-13.3	-.01	.84	1.3	32.	1.1	1.	3.5	34.	00.0	00.	0.0
17	12	81	13	-12.8	-.03	.85	1.1	31.	.9	1.	2.5	35.	00.0	00.	0.0
17	12	81	14	-12.8	.21	.85	1.4	31.	.9	2.	2.5	32.	00.0	00.	0.0
17	12	81	15	-13.3	.40	.84	1.4	32.	1.0	2.	2.8	32.	00.0	00.	0.0
17	12	81	16	-14.2	.60	.83	1.4	32.	1.1	2.	3.2	32.	00.0	00.	0.0
17	12	81	17	-14.3	.66	.83	1.6	31.	.7	2.	3.2	32.	00.0	00.	0.0
17	12	81	18	-14.0	.38	.83	1.5	32.	.9	2.	3.2	32.	00.0	00.	0.0
17	12	81	19	-14.2	.45	.83	2.1	31.	.8	2.	3.5	31.	00.0	00.	0.0
17	12	81	20	-14.3	.38	.83	2.0	32.	.7	2.	3.2	32.	00.0	00.	0.0
17	12	81	21	-14.0	.21	.83	1.5	31.	.9	2.	2.8	32.	00.0	00.	0.0
17	12	81	22	-13.9	.31	.84	1.5	31.	.9	2.	3.2	32.	00.0	00.	0.0
17	12	81	23	-14.3	.54	.83	2.3	32.	1.2	2.	2.8	31.	00.0	00.	0.0
17	12	81	24	-14.7	.92	.82	1.4	32.	1.1	2.	2.8	32.	00.0	00.	0.0
18	12	81	1	-14.6	.47	.82	1.5	32.	.8	2.	2.8	31.	00.0	00.	0.0
18	12	81	2	-13.8	1.23	.83	.6	32.	.8	2.	2.8	31.	00.0	00.	0.0
18	12	81	3	-12.5	.64	.85	1.0	32.	.9	2.	2.5	31.	00.0	00.	0.0
18	12	81	4	-12.0	2.53	.85	.3	1026.	.6	2.	2.8	31.	00.0	00.	0.0
18	12	81	5	-11.0	1.30	.86	.8	29.	.6	2.	1.8	00.	00.0	00.	0.0
18	12	81	6	-9.6	1.66	.83	1.3	16.	.7	2.	2.5	00.	00.0	00.	0.0
18	12	81	7	-8.5	1.15	.89	.8	23.	1.4	2.	2.1	32.	00.0	00.	0.0
18	12	81	8	-6.5	.58	.92	1.4	19.	1.1	2.	1.8	32.	00.0	00.	0.0
18	12	81	9	-4.8	.10	.93	2.4	20.	.7	2.	2.5	31.	00.0	00.	0.0
18	12	81	10	-4.3	.05	.93	1.9	20.	.6	1.	2.5	32.	00.0	00.	0.0
18	12	81	11	-3.7	.00	.94	2.9	20.	.9	1.	2.1	32.	.8	38.	0.0
18	12	81	12	-3.6	-.03	.95	3.4	20.	.7	20.	2.5	20.	2.1	21.	.3
18	12	81	13	-3.7	-.03	.94	4.0	20.	1.1	20.	3.5	19.	2.2	23.	.1
18	12	81	14	-3.9	.04	.93	2.9	20.	1.1	20.	3.2	18.	2.0	24.	.3
18	12	81	15	-4.2	.00	.93	3.0	20.	1.1	17.	3.2	18.	2.1	22.	.1
18	12	81	16	-4.5	.08	.92	2.3	21.	.9	20.	2.5	21.	1.9	24.	.1
18	12	81	17	-4.5	.12	.92	1.3	23.	.8	20.	2.5	22.	1.6	21.	.1
18	12	81	18	-5.0	.14	.92	.4	1023.	.6	29.	1.8	32.	1.0	22.	0.0
18	12	81	19	-5.2	.22	.92	.3	18.	.7	13.	2.1	18.	.8	23.	0.0
18	12	81	20	-5.7	.22	.91	.3	31.	1.1	2.	1.8	32.	.9	27.	0.0
18	12	81	21	-6.5	.17	.92	.7	7.	.8	2.	1.8	31.	.6	27.	0.0
18	12	81	22	-6.4	.38	.91	.9	6.	.8	3.	2.1	32.	0.0	37.	0.0
18	12	81	23	-6.4	.34	.91	1.4	1033.	1.1	2.	2.5	30.	0.0	37.	0.0
18	12	81	24	-6.7	.34	.90	1.5	0.	1.3	2.	2.5	31.	.5	3.	0.0

				T-RS	DT-RS	RH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
19	12	81	1	-6.7	.34	.90	1.7	34.	.9	2.	3.2	30.	0.0	37.	0.0
19	12	81	2	-6.8	.27	.90	1.6	35.	.7	2.	3.5	31.	.5	36.	0.0
19	12	81	3	-6.8	.11	.90	2.2	35.	1.3	2.	3.5	31.	1.6	2.	0.0
19	12	81	4	-6.7	.10	.89	2.4	35.	1.1	2.	3.5	31.	1.7	3.	0.0
19	12	81	5	-6.6	.02	.90	2.2	35.	1.5	2.	3.9	32.	1.2	36.	0.0
19	12	81	6	-7.1	-.02	.89	2.9	35.	1.7	3.	3.5	31.	2.0	36.	0.0
19	12	81	7	-7.8	.05	.88	2.8	34.	1.9	2.	3.2	31.	1.5	1.	0.0
19	12	81	8	-8.6	.19	.87	2.7	35.	1.4	2.	3.2	31.	1.4	2.	0.0
19	12	81	9	-9.7	.34	.85	2.2	0.	1.1	2.	3.2	31.	1.6	36.	0.0
19	12	81	10	-9.5	.36	.86	2.5	36.	.6	2.	3.2	31.	2.0	1.	0.0
19	12	81	11	-8.7	.13	.84	2.4	34.	.9	2.	3.5	31.	2.5	99.	0.0
19	12	81	12	-8.2	-.34	.87	2.4	32.	1.5	2.	4.2	31.	99.0	99.	0.0
19	12	81	13	-8.1	-.27	.87	2.7	33.	1.5	2.	4.2	32.	99.0	99.	0.0
19	12	81	14	-8.8	.13	.86	2.6	34.	.9	2.	3.2	32.	99.0	99.	0.0
19	12	81	15	-9.3	.30	.85	2.2	33.	.7	2.	3.5	31.	99.0	99.	0.0
19	12	81	16	-10.0	.41	.85	2.8	31.	.7	2.	3.2	31.	99.0	99.	0.0
19	12	81	17	-10.4	.48	.85	2.6	32.	1.1	2.	3.9	31.	99.0	99.	0.0
19	12	81	18	-11.2	.59	.84	2.6	34.	1.5	2.	3.9	31.	99.0	99.	0.0
19	12	81	19	-11.5	.49	.84	3.0	33.	1.3	2.	3.5	30.	99.0	99.	0.0
19	12	81	20	-12.0	.51	.83	3.4	34.	1.2	2.	3.9	30.	99.0	99.	0.0
19	12	81	21	-12.6	.51	.83	2.9	33.	1.3	2.	3.9	31.	99.0	99.	0.0
19	12	81	22	-13.1	.55	.83	2.3	33.	1.5	3.	3.9	31.	99.0	99.	0.0
19	12	81	23	-13.4	.50	.82	2.5	33.	1.3	2.	3.9	31.	99.0	99.	0.0
19	12	81	24	-13.8	.50	.82	2.4	35.	1.5	2.	3.5	31.	99.0	99.	0.0
20	12	81	1	-13.9	.45	.81	2.6	34.	1.1	2.	3.5	32.	99.0	99.	0.0
20	12	81	2	-14.2	.46	.81	2.3	34.	1.3	2.	3.2	32.	99.0	99.	0.0
20	12	81	3	-14.2	.47	.81	2.8	33.	1.1	2.	3.5	31.	99.0	99.	0.0
20	12	81	4	-14.5	.45	.80	2.7	34.	1.1	2.	3.9	30.	99.0	99.	0.0
20	12	81	5	-14.6	.43	.80	2.9	33.	1.4	2.	3.5	31.	99.0	99.	0.0
20	12	81	6	-14.9	.42	.80	3.0	34.	1.1	1.	3.5	31.	99.0	99.	0.0
20	12	81	7	-15.3	.39	.79	2.7	34.	1.5	2.	3.9	31.	99.0	99.	0.0
20	12	81	8	-15.6	.40	.79	3.0	34.	1.1	2.	3.9	31.	99.0	99.	0.0
20	12	81	9	-15.5	.36	.79	3.1	35.	1.3	2.	3.9	31.	99.0	99.	0.0
20	12	81	10	-15.2	.06	.79	3.3	34.	1.3	1.	3.9	31.	99.0	99.	0.0
20	12	81	11	-14.2	-.42	.80	3.0	34.	1.6	2.	3.9	31.	99.0	99.	0.0
20	12	81	12	-14.2	-.52	.80	2.7	34.	1.5	2.	3.9	31.	99.0	99.	0.0
20	12	81	13	-13.6	-.47	.81	2.9	34.	1.6	2.	4.2	31.	99.0	99.	0.0
20	12	81	14	-13.7	-.19	.80	3.1	34.	1.6	2.	4.6	31.	99.0	99.	0.0
20	12	81	15	-14.5	.39	.79	2.9	34.	1.4	2.	4.9	31.	99.0	99.	0.0
20	12	81	16	-15.4	.62	.79	2.4	35.	1.5	1.	4.6	31.	99.0	99.	0.0
20	12	81	17	-15.7	.58	.79	2.7	34.	1.3	2.	4.6	31.	99.0	99.	0.0
20	12	81	18	-15.3	.53	.80	3.3	33.	1.4	1.	4.9	29.	99.0	99.	0.0
20	12	81	19	-15.5	.65	.80	3.2	33.	1.4	1.	4.9	31.	99.0	99.	0.0
20	12	81	20	-15.8	.58	.79	3.2	32.	1.3	1.	4.6	31.	99.0	99.	0.0
20	12	81	21	-16.0	.64	.79	3.0	32.	1.3	2.	4.9	30.	99.0	99.	0.0
20	12	81	22	-16.1	.58	.79	2.7	32.	1.1	2.	5.6	29.	99.0	99.	0.0
20	12	81	23	-15.8	.59	.79	3.4	32.	1.3	2.	6.0	30.	99.0	99.	0.0
20	12	81	24	-16.0	.56	.79	3.0	32.	.9	2.	5.6	31.	99.0	99.	0.0
21	12	81	1	-15.7	.53	.79	2.9	34.	.9	2.	4.9	30.	99.0	99.	0.0
21	12	81	2	-15.0	.38	.78	3.3	35.	1.4	3.	6.0	31.	99.0	99.	0.0
21	12	81	3	-14.6	.53	.78	3.5	35.	.9	2.	6.0	31.	99.0	99.	0.0
21	12	81	4	-14.4	.61	.77	3.5	35.	1.1	2.	5.6	31.	99.0	99.	0.0
21	12	81	5	-13.8	.50	.77	4.2	36.	2.0	2.	6.0	29.	99.0	99.	0.0
21	12	81	6	-13.0	.26	.77	4.3	0.	2.4	2.	5.3	30.	99.0	99.	0.0
21	12	81	7	-12.2	.10	.76	4.2	2.	3.0	2.	6.7	32.	99.0	99.	0.0
21	12	81	8	-12.3	.10	.74	4.4	1.	2.9	2.	7.0	33.	99.0	99.	0.0
21	12	81	9	-12.6	.15	.71	3.2	0.	2.9	2.	6.0	33.	99.0	99.	0.0
21	12	81	10	-12.2	.08	.68	4.7	2.	4.1	2.	6.0	29.	99.0	99.	0.0
21	12	81	11	-11.2	-.03	.67	5.2	2.	4.9	2.	6.0	33.	99.0	99.	0.0
21	12	81	12	-10.5	-.08	.68	5.7	2.	5.6	2.	6.0	29.	99.0	99.	0.0
21	12	81	13	-10.0	-.09	.69	5.4	2.	7.2	2.	7.0	27.	99.0	99.	0.0
21	12	81	14	-10.0	-.10	.71	4.1	36.	6.6	2.	7.0	17.	99.0	99.	0.0
21	12	81	15	-10.2	-.06	.72	4.0	36.	6.6	2.	8.4	99.	99.0	99.	0.0
21	12	81	16	-10.5	-.01	.71	5.6	1.	6.7	2.	0.5	99.	99.0	99.	0.0
21	12	81	17	-10.4	-.05	.71	6.2	2.	7.3	1.	0.9	99.	99.0	99.	0.0
21	12	81	18	-10.6	-.04	.71	5.3	2.	8.4	1.	7.0	99.	99.0	99.	0.0
21	12	81	19	-10.7	-.04	.72	5.7	3.	8.6	2.	6.7	99.	99.0	99.	0.0
21	12	81	20	-10.6	-.05	.73	4.9	2.	7.9	1.	6.3	25.	99.0	99.	0.0
21	12	81	21	-10.6	-.06	.73	4.2	3.	5.9	2.	6.0	16.	99.0	99.	0.0
21	12	81	22	-10.8	-.04	.74	4.3	3.	7.3	2.	8.1	99.	99.0	99.	0.0
21	12	81	23	-10.7	-.04	.74	5.2	4.	7.2	2.	8.1	99.	99.0	99.	0.0
21	12	81	24	-10.5	-.06	.75	3.8	3.	6.3	2.	7.4	99.	99.0	99.	0.0

				T-RS	DT-RS	RH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
22	12	81	1	-10.1	-.06	.73	5.1	3.	7.9	2.	8.1	99.	00.0	00.	0.0
22	12	81	2	-10.0	-.03	.71	4.9	2.	6.8	2.	6.0	32.	00.0	00.	0.0
22	12	81	3	-10.0	.00	.73	4.0	1.	6.6	2.	5.6	32.	00.0	00.	0.0
22	12	81	4	-9.9	.03	.69	3.7	35.	3.3	2.	5.3	32.	00.0	00.	0.0
22	12	81	5	-9.4	.06	.69	3.7	35.	3.1	1.	4.6	30.	00.0	00.	0.0
22	12	81	6	-8.5	-.03	.73	3.9	36.	3.5	2.	6.0	33.	00.0	00.	0.0
22	12	81	7	-8.3	-.03	.74	3.8	0.	4.5	2.	6.0	33.	00.0	00.	0.0
22	12	81	8	-8.0	-.05	.73	4.1	1.	5.4	2.	5.3	32.	00.0	00.	0.0
22	12	81	9	-7.8	-.05	.78	3.8	1.	4.8	2.	4.6	31.	00.0	00.	0.0
22	12	81	10	-7.4	-.08	.80	4.1	2.	6.6	2.	4.2	29.	00.0	00.	0.0
22	12	81	11	-7.1	-.09	.81	3.6	2.	6.9	2.	7.0	00.	00.0	00.	0.0
22	12	81	12	-6.8	-.10	.81	3.8	1.	6.3	2.	6.7	00.	00.0	00.	0.0
22	12	81	13	-6.7	-.08	.80	3.9	2.	5.0	1.	6.7	00.	00.0	00.	0.0
22	12	81	14	-6.5	-.09	.81	3.4	3.	5.4	2.	6.0	00.	00.0	00.	0.0
22	12	81	15	-6.5	-.05	.81	2.9	1.	4.7	1.	6.0	00.	00.0	00.	0.0
22	12	81	16	-6.5	-.02	.81	3.6	1.	4.8	2.	5.6	00.	00.0	00.	0.0
22	12	81	17	-6.2	-.05	.80	3.9	1.	4.5	1.	5.3	00.	00.0	00.	0.0
22	12	81	18	-6.0	-.06	.81	3.1	0.	3.4	1.	4.9	00.	00.0	00.	0.0
22	12	81	19	-6.0	-.06	.82	3.4	2.	4.1	2.	5.6	00.	00.0	00.	0.0
22	12	81	20	-5.7	-.06	.81	3.3	2.	4.3	1.	6.0	00.	00.0	00.	0.0
22	12	81	21	-5.7	.01	.82	2.8	4.	4.4	2.	6.0	00.	00.0	00.	0.0
22	12	81	22	-6.0	.14	.84	2.9	4.	3.8	2.	5.6	00.	00.0	00.	0.0
22	12	81	23	-5.9	.02	.84	2.8	2.	5.6	2.	6.3	00.	00.0	00.	0.0
22	12	81	24	-5.6	-.04	.85	3.1	3.	4.9	2.	6.7	00.	00.0	00.	0.0
23	12	81	1	-5.3	-.05	.85	2.0	2.	4.6	2.	6.3	00.	00.0	00.	0.0
23	12	81	2	-5.0	-.02	.84	3.4	4.	5.6	2.	6.7	00.	00.0	00.	0.0
23	12	81	3	-4.6	-.03	.84	4.4	5.	6.6	2.	7.4	00.	00.0	00.	0.0
23	12	81	4	-4.4	-.05	.85	4.1	4.	6.6	2.	7.7	00.	00.0	00.	0.0
23	12	81	5	-4.4	-.05	.86	4.0	5.	6.9	2.	8.1	00.	00.0	00.	0.0
23	12	81	6	-4.0	-.05	.84	3.9	5.	5.9	2.	7.4	00.	00.0	00.	0.0
23	12	81	7	-3.7	-.08	.85	4.0	6.	5.4	2.	6.3	00.	00.0	00.	0.0
23	12	81	8	-3.5	-.06	.84	4.3	6.	5.3	3.	6.7	00.	00.0	00.	0.0
23	12	81	9	-3.5	-.08	.86	3.4	6.	5.4	2.	6.3	00.	00.0	00.	0.0
23	12	81	10	-3.4	-.08	.87	3.7	6.	5.9	3.	6.7	00.	00.0	00.	0.0
23	12	81	11	-3.3	-.14	.89	3.8	5.	5.9	2.	6.3	00.	00.0	00.	0.0
23	12	81	12	-3.2	-.13	.88	3.8	5.	6.6	2.	6.3	00.	00.0	00.	0.0
23	12	81	13	-3.2	-.15	.88	3.9	5.	6.2	2.	6.0	00.	00.0	00.	.1
23	12	81	14	-3.3	-.11	.88	4.0	5.	6.4	2.	7.0	00.	00.0	00.	.1
23	12	81	15	-3.3	-.08	.86	5.3	5.	7.4	2.	8.1	00.	00.0	00.	.1
23	12	81	16	-3.4	-.07	.87	5.0	4.	7.4	2.	7.4	00.	00.0	00.	0.0
23	12	81	17	-3.3	-.07	.86	4.9	5.	7.4	2.	6.0	00.	00.0	00.	0.0
23	12	81	18	-3.2	-.09	.87	3.8	4.	7.2	2.	5.6	00.	00.0	00.	0.0
23	12	81	19	-3.1	-.09	.88	3.7	5.	6.3	2.	6.3	00.	00.0	00.	0.0
23	12	81	20	-3.2	-.10	.88	3.5	3.	7.4	2.	6.7	00.	00.0	00.	0.0
23	12	81	21	-3.2	-.10	.87	3.4	4.	6.9	2.	7.0	00.	00.0	00.	0.0
23	12	81	22	-3.4	-.12	.89	3.9	5.	7.2	2.	7.4	00.	00.0	00.	0.0
23	12	81	23	-3.4	-.14	.92	4.6	7.	8.3	2.	7.4	00.	00.0	00.	0.0
23	12	81	24	-3.4	-.18	.91	6.1	6.	9.4	2.	7.7	00.	00.0	00.	0.0
24	12	81	1	-3.3	-.18	.90	6.9	7.	9.6	3.	7.0	00.	00.0	00.	0.0
24	12	81	2	-3.4	-.17	.90	6.4	6.	8.0	4.	6.7	00.	00.0	00.	0.0
24	12	81	3	-3.3	-.13	.86	6.7	7.	8.6	4.	7.0	00.	00.0	00.	0.0
24	12	81	4	-3.1	-.06	.78	7.4	7.	11.2	4.	6.7	00.	00.0	00.	0.0
24	12	81	5	-3.5	-.08	.80	5.8	7.	8.6	4.	6.3	00.	00.0	00.	0.0
24	12	81	6	-3.7	-.08	.79	4.8	6.	7.0	2.	6.3	00.	00.0	00.	0.0
24	12	81	7	-3.9	-.08	.80	5.3	6.	7.2	3.	6.7	00.	00.0	00.	0.0
24	12	81	8	-4.2	-.08	.84	5.3	5.	10.6	3.	6.7	00.	00.0	00.	0.0
24	12	81	9	-4.3	-.08	.84	4.4	4.	8.9	4.	6.0	00.	00.0	00.	0.0
24	12	81	10	-4.2	-.08	.84	4.9	3.	7.0	2.	7.0	00.	00.0	00.	0.0
24	12	81	11	-4.4	-.09	.85	4.3	3.	8.9	2.	7.7	00.	00.0	00.	0.0
24	12	81	12	-4.6	-.09	.85	7.0	4.	10.0	3.	8.1	00.	00.0	00.	0.0
24	12	81	13	-4.7	-.08	.83	8.1	4.	12.4	2.	7.7	00.	00.0	00.	0.0
24	12	81	14	-4.7	-.07	.81	7.9	4.	11.9	3.	7.7	00.	00.0	00.	0.0
24	12	81	15	-4.9	-.05	.82	7.2	4.	12.2	2.	7.7	00.	00.0	00.	0.0
24	12	81	16	-5.1	-.06	.82	5.4	4.	9.4	2.	7.7	00.	00.0	00.	0.0
24	12	81	17	-5.3	-.05	.82	4.4	3.	9.2	2.	7.4	00.	00.0	00.	0.0
24	12	81	18	-5.7	-.07	.81	5.1	2.	10.4	2.	7.4	00.	00.0	00.	0.0
24	12	81	19	-6.1	-.08	.80	4.9	3.	10.3	2.	7.4	00.	00.0	00.	0.0
24	12	81	20	-6.6	-.06	.78	6.3	2.	9.9	2.	7.4	00.	00.0	00.	0.0
24	12	81	21	-7.2	-.06	.75	6.6	3.	11.0	2.	7.4	00.	00.0	00.	0.0
24	12	81	22	-7.5	-.07	.74	6.7	4.	10.6	2.	7.4	00.	00.0	00.	0.0
24	12	81	23	-7.9	-.05	.72	6.9	3.	9.2	2.	7.0	00.	00.0	00.	0.0
24	12	81	24	-8.3	-.05	.71	6.5	3.	8.6	2.	7.0	00.	00.0	00.	0.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
25	12	81	1	-8.5	-.06	.71	6.5	3.	8.0	2.	6.7	00.	00.0	00.	0.0
25	12	81	2	-8.6	-.05	.71	6.2	3.	6.9	2.	6.7	00.	00.0	00.	0.0
25	12	81	3	-8.6	-.07	.71	6.4	2.	7.0	2.	6.3	00.	00.0	00.	0.0
25	12	81	4	-8.8	-.08	.73	6.1	2.	8.4	1.	6.3	00.	00.0	00.	0.0
25	12	81	5	-9.1	-.06	.73	5.5	3.	8.6	2.	6.7	00.	00.0	00.	0.0
25	12	81	6	-9.3	-.05	.71	6.2	3.	8.6	2.	6.7	00.	00.0	00.	0.0
25	12	81	7	-9.8	-.05	.70	5.3	2.	7.4	2.	6.3	00.	00.0	00.	0.0
25	12	81	8	-9.8	-.05	.69	5.8	2.	7.9	2.	6.3	00.	00.0	00.	0.0
25	12	81	9	-9.9	-.05	.69	6.9	3.	7.9	2.	7.0	11.	00.0	00.	0.0
25	12	81	10	-9.9	-.05	.68	7.0	2.	8.2	2.	6.7	11.	00.0	00.	0.0
25	12	81	11	-9.6	-.09	.64	6.6	2.	7.4	2.	7.0	00.	00.0	00.	0.0
25	12	81	12	-9.2	-.11	.63	6.2	2.	7.3	2.	7.0	00.	00.0	00.	0.0
25	12	81	13	-9.4	-.10	.63	6.1	2.	6.4	2.	7.7	00.	00.0	00.	0.0
25	12	81	14	-9.4	-.05	.63	6.2	2.	6.0	2.	6.0	11.	00.0	00.	0.0
25	12	81	15	-9.5	-.02	.63	5.5	4.	6.9	2.	5.6	11.	00.0	00.	0.0
25	12	81	16	-9.6	-.05	.65	4.0	2.	5.9	2.	6.0	12.	00.0	00.	0.0
25	12	81	17	-9.9	.01	.66	4.0	1.	4.6	1.	6.0	12.	00.0	00.	0.0
25	12	81	18	-10.0	.03	.66	3.3	0.	4.9	1.	5.6	10.	00.0	00.	0.0
25	12	81	19	-9.9	.03	.67	3.3	0.	3.9	1.	5.3	00.	00.0	00.	0.0
25	12	81	20	-9.4	-.01	.66	3.3	1.	3.1	1.	5.3	00.	00.0	00.	0.0
25	12	81	21	-9.0	-.03	.64	3.1	1.	3.3	1.	4.6	00.	00.0	00.	0.0
25	12	81	22	-8.9	-.03	.64	3.1	2.	2.4	4.	4.2	00.	00.0	00.	0.0
25	12	81	23	-8.8	-.02	.63	2.7	3.	3.6	4.	3.5	00.	00.0	00.	0.0
25	12	81	24	-8.8	-.05	.64	2.6	2.	4.1	3.	3.9	00.	00.0	00.	0.0
26	12	81	1	-8.8	-.03	.64	2.8	2.	3.7	2.	3.9	00.	00.0	00.	0.0
26	12	81	2	-8.8	.03	.63	3.0	4.	3.1	3.	3.2	00.	00.0	00.	0.0
26	12	81	3	-9.1	.02	.63	2.3	6.	3.3	4.	3.9	00.	00.0	00.	0.0
26	12	81	4	-9.2	-.01	.63	3.3	3.	3.9	2.	3.9	00.	00.0	00.	0.0
26	12	81	5	-9.2	-.02	.62	3.3	3.	2.6	2.	3.2	00.	00.0	00.	0.0
26	12	81	6	-9.5	.01	.63	2.7	3.	2.3	2.	3.2	00.	00.0	00.	0.0
26	12	81	7	-10.2	.09	.63	2.4	2.	2.3	2.	3.5	00.	00.0	00.	0.0
26	12	81	8	-11.3	.22	.64	2.4	1.	2.1	2.	3.5	00.	00.0	00.	0.0
26	12	81	9	-12.2	.35	.73	2.6	1.	2.1	2.	3.5	00.	00.0	00.	0.0
26	12	81	10	-11.9	.18	.81	2.2	34.	2.5	1.	3.9	00.	00.0	00.	0.0
26	12	81	11	-11.9	-.06	.83	1.9	34.	2.1	2.	3.2	00.	00.0	00.	0.0
26	12	81	12	-11.3	-.34	.80	1.8	33.	1.9	1.	3.9	00.	00.0	00.	0.0
26	12	81	13	-10.9	-.21	.82	2.0	32.	2.3	2.	3.2	00.	00.0	00.	0.0
26	12	81	14	-11.6	-.07	.80	1.8	1.	2.4	2.	2.5	00.	00.0	00.	0.0
26	12	81	15	-12.4	.38	.81	2.4	33.	2.1	1.	3.5	00.	00.0	00.	0.0
26	12	81	16	-12.8	.29	.84	2.7	33.	2.0	2.	3.9	00.	00.0	00.	0.0
26	12	81	17	-13.6	.37	.82	2.3	33.	1.5	2.	3.9	00.	00.0	00.	0.0
26	12	81	18	-13.6	.30	.84	2.3	32.	1.7	2.	3.9	00.	00.0	00.	0.0
26	12	81	19	-13.9	.24	.83	2.6	32.	1.5	1.	3.9	00.	00.0	00.	0.0
26	12	81	20	-14.2	.24	.82	2.5	33.	1.9	2.	3.2	00.	00.0	00.	0.0
26	12	81	21	-14.7	.30	.81	2.3	33.	1.9	2.	2.8	00.	00.0	00.	0.0
26	12	81	22	-14.5	.29	.81	3.0	34.	2.1	1.	2.8	00.	00.0	00.	0.0
26	12	81	23	-14.7	.26	.81	2.7	33.	1.5	2.	3.5	00.	00.0	00.	0.0
26	12	81	24	-15.1	.37	.81	2.3	32.	1.1	1.	3.5	00.	00.0	00.	0.0
27	12	81	1	-15.1	.50	.81	2.6	31.	.6	2.	3.5	00.	00.0	00.	0.0
27	12	81	2	-15.3	.56	.81	2.9	32.	.9	1.	3.9	00.	00.0	00.	0.0
27	12	81	3	-14.9	.50	.81	2.1	32.	.7	2.	3.0	00.	00.0	00.	0.0
27	12	81	4	-13.7	.49	.82	1.8	32.	.8	2.	3.5	00.	00.0	00.	0.0
27	12	81	5	-12.7	1.18	.83	2.3	31.	.4	28.	3.9	00.	00.0	00.	0.0
27	12	81	6	-11.9	1.10	.84	2.1	33.	.5	8.	3.2	00.	00.0	00.	0.0
27	12	81	7	-11.1	1.10	.85	2.2	34.	.5	6.	3.2	00.	00.0	00.	0.0
27	12	81	8	-10.1	.77	.86	1.9	34.	.5	8.	3.2	00.	00.0	00.	0.0
27	12	81	9	-9.4	.60	.86	2.1	30.	.8	13.	3.2	00.	00.0	00.	0.0
27	12	81	10	-8.8	.66	.87	1.8	34.	.3	2.	3.5	00.	00.0	00.	0.0
27	12	81	11	-8.0	.43	.88	2.0	33.	.6	8.	3.2	00.	00.0	00.	0.0
27	12	81	12	-7.3	.41	.88	2.1	34.	.9	4.	3.2	00.	00.0	00.	0.0
27	12	81	13	-6.7	.18	.89	1.5	33.	.5	6.	2.8	00.	00.0	00.	0.0
27	12	81	14	-6.5	.21	.89	1.4	31.	.5	8.	2.8	00.	00.0	00.	0.0
27	12	81	15	-6.6	.19	.89	1.8	32.	.7	6.	3.5	00.	00.0	00.	0.0
27	12	81	16	-6.6	.25	.89	1.3	33.	.7	8.	3.2	00.	00.0	00.	0.0
27	12	81	17	-6.5	.19	.90	1.3	32.	1.0	6.	2.8	00.	00.0	00.	0.0
27	12	81	18	-6.9	.25	.89	1.6	32.	1.1	2.	2.5	00.	00.0	00.	0.0
27	12	81	19	-6.4	.10	.89	1.4	29.	2.1	26.	1.8	00.	00.0	00.	0.0
27	12	81	20	-6.8	.17	.89	1.6	32.	1.1	32.	2.5	00.	00.0	00.	0.0
27	12	81	21	-6.7	.16	.89	2.0	33.	1.6	2.	2.5	00.	00.0	00.	0.0
27	12	81	22	-6.8	.13	.90	1.6	33.	2.2	2.	2.8	00.	00.0	00.	0.0
27	12	81	23	-6.7	.14	.89	2.2	35.	1.4	2.	1.8	00.	00.0	00.	0.0
27	12	81	24	-6.8	.34	.89	.9	32.	.5	2.	1.8	00.	00.0	00.	0.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
28	12	81	1	-6.8	.33	.90	1.1	35.	.6	2.	2.5	00.	00.0	00.	0.0
28	12	81	2	-6.9	.51	.89	1.0	4.	.7	2.	1.8	32.	00.0	00.	0.0
28	12	81	3	-6.9	.46	.89	1.0	1.	1.3	2.	1.8	31.	00.0	00.	0.0
28	12	81	4	-6.9	.28	.88	.8	35.	1.4	4.	2.1	32.	00.0	00.	0.0
28	12	81	5	-6.9	.18	.89	1.1	33.	1.3	2.	2.1	31.	00.0	00.	0.0
28	12	81	6	-7.0	.17	.89	1.1	33.	1.2	2.	2.5	31.	00.0	00.	0.0
28	12	81	7	-7.1	.14	.89	1.2	32.	1.2	3.	2.5	31.	00.0	00.	0.0
28	12	81	8	-7.1	.10	.89	1.3	32.	1.6	2.	2.5	31.	00.0	00.	0.0
28	12	81	9	-7.2	.16	.89	1.0	31.	1.1	2.	1.8	31.	00.0	00.	0.0
28	12	81	10	-7.0	.07	.90	.4	32.	.9	10.	2.1	32.	00.0	00.	0.0
28	12	81	11	-6.3	-.08	.90	.5	33.	1.1	4.	2.1	32.	00.0	00.	0.0
28	12	81	12	-6.4	-.08	.90	.6	33.	1.3	6.	2.1	31.	00.0	00.	0.0
28	12	81	13	-6.3	-.11	.90	.6	32.	1.2	6.	2.1	32.	00.0	00.	0.0
28	12	81	14	-7.0	-.16	.89	1.0	33.	1.5	3.	2.5	32.	00.0	00.	0.0
28	12	81	15	-8.5	.29	.89	1.4	33.	1.5	2.	2.5	31.	00.0	00.	0.0
28	12	81	16	-9.1	.51	.89	1.0	33.	1.5	2.	2.8	32.	00.0	00.	0.0
28	12	81	17	-10.0	1.38	.88	1.2	35.	1.8	2.	3.2	32.	00.0	00.	0.0
28	12	81	18	-10.1	.35	.87	2.3	33.	1.6	2.	3.2	32.	00.0	00.	0.0
28	12	81	19	-10.2	.32	.86	3.4	35.	1.9	2.	3.2	32.	00.0	00.	0.0
28	12	81	20	-10.6	.43	.85	3.0	35.	1.5	1.	1.8	32.	00.0	00.	0.0
28	12	81	21	-10.7	.50	.85	2.2	34.	.9	2.	2.5	00.	00.0	00.	0.0
28	12	81	22	-10.3	.36	.86	2.1	34.	1.4	2.	2.5	00.	00.0	00.	0.0
28	12	81	23	-9.4	.12	.86	2.3	34.	1.7	2.	2.8	00.	00.0	00.	0.0
28	12	81	24	-9.1	.08	.87	1.8	33.	1.1	2.	2.8	00.	00.0	00.	0.0
29	12	81	1	-8.7	.10	.87	2.2	35.	2.0	1.	1.4	00.	00.0	00.	0.0
29	12	81	2	-8.4	-.02	.88	1.9	36.	2.1	1.	2.8	35.	00.0	00.	0.0
29	12	81	3	-8.2	.00	.88	2.1	0.	2.9	2.	2.8	35.	00.0	00.	0.0
29	12	81	4	-8.0	-.02	.88	2.0	3.	2.9	2.	2.8	35.	00.0	00.	0.0
29	12	81	5	-7.8	-.16	.88	1.9	1.	3.1	2.	3.2	35.	00.0	00.	0.0
29	12	81	6	-7.7	-.17	.87	2.1	0.	3.3	2.	3.9	35.	00.0	00.	0.0
29	12	81	7	-7.5	-.11	.87	2.2	36.	2.1	2.	4.6	35.	00.0	00.	0.0
29	12	81	8	-7.4	-.05	.87	1.9	1.	2.6	2.	3.9	35.	00.0	00.	0.0
29	12	81	9	-7.1	-.04	.87	2.4	3.	3.1	1.	3.9	35.	00.0	00.	0.0
29	12	81	10	-6.8	-.06	.87	2.5	1.	2.9	1.	4.2	35.	00.0	00.	0.0
29	12	81	11	-6.5	-.10	.87	2.8	1.	5.4	2.	3.9	35.	00.0	00.	0.0
29	12	81	12	-6.4	-.11	.85	3.3	3.	5.4	2.	3.5	34.	00.0	00.	0.0
29	12	81	13	-6.6	-.09	.82	3.6	3.	6.6	2.	6.0	00.	00.0	00.	0.0
29	12	81	14	-6.5	-.06	.81	3.5	4.	5.9	2.	00.0	00.	00.0	00.	0.0
29	12	81	15	-6.6	-.07	.81	4.4	3.	7.6	2.	8.1	00.	00.0	00.	0.0
29	12	81	16	-6.4	-.06	.80	3.6	5.	7.0	2.	7.0	00.	00.0	00.	0.0
29	12	81	17	-6.2	-.06	.81	3.9	2.	7.4	2.	8.8	00.	00.0	00.	0.0
29	12	81	18	-6.1	-.06	.80	4.5	3.	7.9	2.	8.4	00.	00.0	00.	0.0
29	12	81	19	-6.0	-.08	.81	4.7	3.	8.3	2.	8.1	00.	00.0	00.	0.0
29	12	81	20	-5.6	-.07	.81	4.6	3.	7.9	2.	8.8	00.	00.0	00.	0.0
29	12	81	21	-5.4	-.06	.81	4.5	5.	8.4	2.	8.8	00.	00.0	00.	0.0
29	12	81	22	-5.2	-.08	.82	4.3	4.	8.4	2.	9.5	00.	00.0	00.	0.0
29	12	81	23	-4.8	-.05	.83	4.1	3.	9.8	2.	9.1	00.	00.0	00.	0.0
29	12	81	24	-4.5	-.07	.83	4.2	3.	8.4	2.	9.1	00.	00.0	00.	0.0
30	12	81	1	-4.4	-.05	.84	2.5	34.	6.9	1.	8.1	00.	00.0	00.	0.0
30	12	81	2	-4.3	-.05	.86	3.1	1.	8.9	2.	7.7	00.	00.0	00.	0.0
30	12	81	3	-4.2	-.04	.87	2.6	1.	8.4	1.	7.0	00.	00.0	00.	0.0
30	12	81	4	-4.0	-.06	.88	3.6	2.	9.3	2.	7.0	00.	00.0	00.	0.0
30	12	81	5	-3.9	-.04	.88	2.9	0.	6.4	2.	6.7	00.	00.0	00.	0.0
30	12	81	6	-3.6	-.02	.87	3.0	0.	5.9	2.	7.0	00.	00.0	00.	0.0
30	12	81	7	-3.4	-.01	.86	2.9	2.	5.9	2.	7.0	00.	00.0	00.	0.0
30	12	81	8	-3.0	-.03	.87	2.3	2.	7.2	2.	6.7	00.	00.0	00.	0.0
30	12	81	9	-2.7	-.03	.88	2.7	2.	6.2	2.	6.3	00.	00.0	00.	.2
30	12	81	10	-2.6	-.03	.88	2.9	2.	6.2	2.	6.7	00.	00.0	00.	.3
30	12	81	11	-2.3	-.03	.89	2.5	1003.	6.2	2.	6.3	00.	00.0	00.	.3
30	12	81	12	-1.9	-.02	.90	3.7	4.	4.5	2.	5.6	00.	00.0	00.	.3
30	12	81	13	-1.5	-.05	.88	3.8	6.	6.0	2.	00.0	00.	00.0	00.	.6
30	12	81	14	-1.5	-.06	.90	3.6	5.	6.9	3.	00.0	00.	00.0	00.	.8
30	12	81	15	-1.7	-.08	.91	3.5	5.	6.4	3.	00.0	00.	00.0	00.	.7
30	12	81	16	-1.4	-.07	.91	4.3	6.	6.6	3.	00.0	00.	00.0	00.	.8
30	12	81	17	-1.1	-.05	.89	3.8	5.	5.6	2.	00.0	00.	00.0	00.	.2
30	12	81	18	-1.0	-.07	.87	4.3	6.	5.4	2.	00.0	00.	00.0	00.	1.2
30	12	81	19	-1.1	-.08	.87	3.8	6.	5.2	2.	00.0	00.	00.0	00.	.8
30	12	81	20	-1.1	-.06	.86	3.8	5.	5.6	3.	00.0	00.	00.0	00.	.5
30	12	81	21	-1.2	-.09	.85	4.4	6.	6.4	3.	4.2	00.	00.0	00.	1.0
30	12	81	22	-1.3	-.08	.85	4.6	6.	6.0	3.	4.6	00.	00.0	00.	.9
30	12	81	23	-1.4	-.08	.84	3.9	6.	7.0	3.	4.2	00.	00.0	00.	.5
30	12	81	24	-1.6	-.09	.82	4.9	5.	6.4	2.	4.2	00.	00.0	00.	0.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
31	12	81	1	-1.7	-.07	.82	4.7	4.	7.2	2.	3.9	99.	99.0	99.	.4
31	12	81	2	-1.8	-.05	.81	4.6	5.	6.4	2.	3.9	99.	99.0	99.	.3
31	12	81	3	-1.9	-.05	.79	5.4	5.	7.4	2.	3.9	99.	99.0	99.	.2
31	12	81	4	-1.8	-.06	.78	6.0	5.	6.9	2.	3.5	99.	99.0	99.	.1
31	12	81	5	-1.8	-.05	.79	5.1	4.	6.9	2.	99.0	99.	99.0	99.	.1
31	12	81	6	-1.9	-.05	.78	4.6	4.	6.4	2.	4.2	99.	99.0	99.	.1
31	12	81	7	-1.9	-.05	.78	5.0	5.	6.4	2.	4.2	99.	99.0	99.	.1
31	12	81	8	-1.9	-.05	.79	4.6	4.	6.6	2.	99.0	99.	99.0	99.	.2
31	12	81	9	-1.8	-.05	.79	4.7	4.	6.9	2.	99.0	99.	99.0	99.	.1
31	12	81	10	-1.6	-.06	.77	5.4	5.	7.5	2.	99.0	99.	99.0	99.	.3
31	12	81	11	-1.6	-.08	.77	5.3	4.	7.3	1.	99.0	99.	99.0	99.	.2
31	12	81	12	-1.5	-.08	.76	4.6	5.	7.5	2.	99.0	99.	99.0	99.	.7
31	12	81	13	-1.5	-.08	.76	5.4	3.	7.5	2.	99.0	99.	99.0	99.	.3
31	12	81	14	-1.9	-.08	.79	4.2	3.	8.5	2.	99.0	99.	99.0	99.	0.0
31	12	81	15	-2.1	-.08	.80	4.6	4.	8.6	2.	99.0	99.	99.0	99.	0.0
31	12	81	16	-2.1	-.06	.80	4.3	3.	8.5	2.	99.0	99.	99.0	99.	.2
31	12	81	17	-2.2	-.08	.80	4.8	2.	8.6	2.	99.0	99.	99.0	99.	.3
31	12	81	18	-2.2	-.06	.79	4.4	3.	8.0	2.	99.0	99.	99.0	99.	.2
31	12	81	19	-2.2	-.06	.78	4.5	3.	8.0	2.	99.0	99.	99.0	99.	.2
31	12	81	20	-2.2	-.07	.78	4.3	3.	7.4	2.	99.0	99.	99.0	99.	0.0
31	12	81	21	-2.3	-.08	.78	4.6	3.	7.5	2.	99.0	99.	99.0	99.	.1
31	12	81	22	-2.4	-.08	.81	3.9	4.	7.5	2.	99.0	99.	99.0	99.	0.0
31	12	81	23	-2.6	-.08	.83	3.9	3.	7.6	2.	99.0	99.	99.0	99.	0.0
31	12	81	24	-2.6	-.07	.79	4.9	4.	8.5	2.	99.0	99.	99.0	99.	0.0
1	1	82	1	-2.8	-.09	.81	4.9	4.	7.9	3.	99.0	99.	99.0	99.	0.0
1	1	82	2	-2.9	-.09	.82	5.0	3.	8.2	1.	99.0	99.	99.0	99.	0.0
1	1	82	3	-2.8	-.09	.82	4.6	4.	7.4	1.	99.0	99.	99.0	99.	0.0
1	1	82	4	-2.9	-.09	.83	4.4	4.	6.3	2.	99.0	99.	99.0	99.	0.0
1	1	82	5	-3.0	-.09	.83	4.3	3.	7.6	2.	99.0	99.	99.0	99.	0.0
1	1	82	6	-3.1	-.09	.84	4.3	4.	6.9	2.	99.0	99.	99.0	99.	0.0
1	1	82	7	-3.2	-.09	.83	3.9	3.	6.3	2.	99.0	99.	99.0	99.	0.0
1	1	82	8	-3.3	-.08	.81	4.0	4.	6.0	1.	99.0	99.	99.0	99.	0.0
1	1	82	9	-3.7	-.07	.84	3.8	4.	5.2	1.	99.0	99.	99.0	99.	0.0
1	1	82	10	-3.9	-.08	.86	3.6	3.	5.8	1.	99.0	99.	99.0	99.	0.0
1	1	82	11	-3.9	-.10	.86	3.7	3.	5.3	1.	2.5	99.	99.0	99.	0.0
1	1	82	12	-3.9	-.09	.86	3.6	2.	5.3	2.	1.8	99.	99.0	99.	0.0
1	1	82	13	-3.8	-.10	.85	3.5	3.	5.5	2.	2.1	6.	99.0	99.	0.0
1	1	82	14	-3.9	-.09	.85	3.2	3.	5.7	2.	2.5	99.	99.0	99.	0.0
1	1	82	15	-3.9	-.09	.83	3.3	3.	6.8	2.	3.2	99.	99.0	99.	0.0
1	1	82	16	-4.1	-.07	.83	3.1	4.	6.1	2.	3.5	99.	99.0	99.	0.0
1	1	82	17	-4.3	-.08	.81	3.2	4.	6.6	2.	3.5	99.	99.0	99.	0.0
1	1	82	18	-4.5	-.06	.81	3.5	3.	5.3	2.	99.0	99.	99.0	99.	0.0
1	1	82	19	-4.7	-.07	.82	3.2	3.	5.6	1.	99.0	99.	99.0	99.	0.0
1	1	82	20	-4.9	-.08	.80	3.1	2.	5.2	1.	99.0	99.	99.0	99.	0.0
1	1	82	21	-5.1	-.08	.80	3.0	4.	5.0	1.	99.0	99.	99.0	99.	0.0
1	1	82	22	-5.5	-.08	.82	3.0	5.	5.2	1.	99.0	99.	99.0	99.	0.0
1	1	82	23	-5.9	-.07	.83	2.7	4.	5.8	1.	99.0	99.	99.0	99.	0.0
1	1	82	24	-6.4	-.05	.83	2.7	2.	5.4	1.	99.0	99.	99.0	99.	0.0
2	1	82	1	-6.6	-.05	.80	2.8	3.	5.4	1.	2.8	6.	99.0	99.	0.0
2	1	82	2	-6.8	-.05	.80	3.5	4.	5.0	2.	2.5	5.	99.0	99.	0.0
2	1	82	3	-7.0	-.05	.79	2.7	4.	3.5	1.	2.8	5.	99.0	99.	0.0
2	1	82	4	-7.3	-.02	.80	2.3	5.	3.9	1.	2.5	6.	99.0	99.	0.0
2	1	82	5	-7.9	.01	.81	2.3	4.	3.3	1.	2.8	6.	99.0	99.	0.0
2	1	82	6	-8.3	.04	.80	1.6	3.	3.1	1.	2.5	6.	99.0	99.	0.0
2	1	82	7	-9.0	.11	.82	1.8	4.	3.4	2.	2.5	6.	99.0	99.	0.0
2	1	82	8	-8.8	0.00	.81	1.7	3.	2.9	3.	2.1	6.	99.0	99.	0.0
2	1	82	9	-8.6	-.02	.81	1.5	3.	2.5	3.	1.9	6.	99.0	99.	0.0
2	1	82	10	-8.3	-.08	.80	1.4	4.	2.1	2.	1.8	39.	99.0	99.	0.0
2	1	82	11	-7.7	-.18	.80	.7	34.	2.0	3.	1.8	38.	99.0	99.	0.0
2	1	82	12	-7.5	-.22	.81	1.0	4.	1.5	3.	1.8	6.	99.0	99.	0.0
2	1	82	13	-7.7	-.14	.81	.8	3.	2.2	3.	1.8	7.	99.0	99.	0.0
2	1	82	14	-7.5	-.16	.82	.6	4.	1.6	2.	1.4	6.	99.0	99.	0.0
2	1	82	15	-7.5	-.14	.82	.3	5.	1.3	5.	1.4	13.	99.0	99.	0.0
2	1	82	16	-7.7	-.10	.83	.7	14.	1.2	12.	2.1	12.	99.0	99.	0.0
2	1	82	17	-7.9	-.06	.83	1.6	12.	1.4	5.	1.4	8.	99.0	99.	0.0
2	1	82	18	-7.8	-.02	.84	.7	33.	1.8	2.	1.8	8.	99.0	99.	0.0
2	1	82	19	-7.6	.04	.84	1.1	1.	2.5	3.	1.8	6.	99.0	99.	0.0
2	1	82	20	-7.7	.12	.85	.8	6.	2.6	1.	2.5	31.	99.0	99.	0.0
2	1	82	21	-7.4	.02	.84	2.0	35.	3.3	1.	1.4	31.	99.0	99.	0.0
2	1	82	22	-7.3	.07	.86	1.7	2.	2.4	1.	1.8	30.	99.0	99.	0.0
2	1	82	23	-7.0	.13	.87	1.4	1.	2.5	1.	1.4	30.	99.0	99.	0.0
2	1	82	24	-6.6	-.03	.83	1.2	0.	2.1	1.	1.8	31.	99.0	99.	0.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HFR	D-HFR	F-RA	D-RA	F-SA	D-SA	P-TA
3	1	82	1	-6.4	.05	.89	1.0	1.	2.5	1.	2.1	31.	00.0	00.	0.0
3	1	82	2	-6.2	-.01	.89	2.1	36.	3.1	1.	1.8	30.	00.0	00.	0.0
3	1	82	3	-5.8	-.00	.89	1.3	1.	3.1	1.	1.8	31.	00.0	00.	0.0
3	1	82	4	-5.6	-.04	.89	1.7	2.	3.4	1.	3.5	32.	00.0	00.	0.0
3	1	82	5	-5.6	-.05	.88	2.0	3.	4.2	1.	3.5	00.	00.0	00.	0.0
3	1	82	6	-5.6	-.05	.86	3.1	3.	4.5	1.	00.0	00.	00.0	00.	0.0
3	1	82	7	-5.9	-.06	.85	3.3	3.	7.3	2.	00.0	00.	00.0	00.	0.0
3	1	82	8	-6.3	-.08	.81	3.0	3.	7.8	2.	00.0	00.	00.0	00.	0.0
3	1	82	9	-7.0	-.06	.77	4.8	3.	8.6	2.	00.0	00.	00.0	00.	0.0
3	1	82	10	-7.4	-.11	.75	4.5	3.	9.2	3.	3.5	00.	00.0	00.	0.0
3	1	82	11	-7.7	-.09	.71	5.9	2.	7.8	3.	3.5	7.	00.0	00.	0.0
3	1	82	12	-8.0	-.09	.69	5.9	3.	9.1	3.	3.9	00.	00.0	00.	0.0
3	1	82	13	-8.1	-.09	.67	5.5	2.	6.7	3.	3.9	00.	00.0	00.	0.0
3	1	82	14	-8.3	-.10	.66	6.2	2.	8.5	3.	4.2	00.	00.0	00.	0.0
3	1	82	15	-8.6	-.09	.64	6.0	2.	6.3	2.	4.2	00.	00.0	00.	0.0
3	1	82	16	-8.6	-.09	.62	5.2	2.	4.5	2.	3.9	00.	00.0	00.	0.0
3	1	82	17	-8.6	-.07	.60	5.5	2.	5.5	3.	5.3	00.	00.0	00.	0.0
3	1	82	18	-8.8	-.08	.58	6.2	2.	4.6	3.	5.6	00.	00.0	00.	0.0
3	1	82	19	-9.4	-.06	.56	4.9	3.	4.1	3.	5.3	00.	00.0	00.	0.0
3	1	82	20	-10.2	-.07	.53	5.2	4.	5.1	3.	5.6	00.	00.0	00.	0.0
3	1	82	21	-11.5	-.05	.56	4.7	3.	4.4	2.	4.6	00.	00.0	00.	0.0
3	1	82	22	-12.4	.03	.57	4.5	2.	3.7	2.	3.5	00.	00.0	00.	0.0
3	1	82	23	-13.0	.09	.58	3.3	1.	3.4	2.	3.2	30.	00.0	00.	0.0
3	1	82	24	-13.2	.07	.58	3.4	1.	3.6	1.	3.2	31.	00.0	00.	0.0
4	1	82	1	-13.3	.08	.57	4.3	2.	1.9	1.	2.5	31.	00.0	00.	0.0
4	1	82	2	-14.0	.08	.57	3.4	2.	1.2	4.	1.8	32.	00.0	00.	0.0
4	1	82	3	-14.2	.07	.57	3.9	2.	1.1	3.	2.5	32.	00.0	00.	0.0
4	1	82	4	-14.7	.05	.57	3.5	2.	4.3	2.	3.2	32.	00.0	00.	0.0
4	1	82	5	-14.6	-.01	.57	2.8	2.	5.0	2.	3.2	32.	00.0	00.	.1
4	1	82	6	-14.7	-.00	.57	4.3	1.	5.1	1.	3.2	32.	00.0	00.	0.0
4	1	82	7	-14.8	-.01	.57	3.2	2.	4.3	1.	3.2	32.	00.0	00.	0.0
4	1	82	8	-14.9	-.02	.57	4.1	2.	4.3	1.	3.2	31.	00.0	00.	0.0
4	1	82	9	-14.8	-.04	.57	3.9	2.	3.4	3.	3.5	31.	00.0	00.	0.0
4	1	82	10	-14.7	-.05	.58	4.1	2.	3.5	1.	3.9	30.	00.0	00.	0.0
4	1	82	11	-14.4	-.07	.57	3.9	2.	4.6	1.	3.2	32.	00.0	00.	00.0
4	1	82	12	-14.4	-.08	.57	4.2	1.	5.1	1.	2.8	31.	00.0	00.	00.0
4	1	82	13	-14.4	-.10	.56	5.1	2.	4.2	3.	3.2	38.	00.0	00.	00.0
4	1	82	14	-14.5	-.08	.57	4.2	3.	6.2	3.	3.5	32.	00.0	00.	00.0
4	1	82	15	-15.2	-.02	.58	3.7	4.	4.4	3.	2.8	32.	00.0	00.	00.0
4	1	82	16	-15.6	.01	.58	3.2	2.	2.9	3.	3.5	31.	00.0	00.	00.0
4	1	82	17	-15.7	.02	.59	3.6	2.	3.7	2.	4.2	31.	00.0	00.	00.0
4	1	82	18	-16.0	.06	.59	3.5	36.	2.8	2.	4.2	31.	00.0	00.	00.0
4	1	82	19	-16.7	.19	.61	3.0	36.	2.4	2.	3.9	31.	00.0	00.	00.0
4	1	82	20	-17.1	.18	.61	2.9	36.	2.6	2.	4.2	32.	00.0	00.	00.0
4	1	82	21	-17.6	.19	.62	2.8	36.	2.1	2.	3.5	32.	00.0	00.	00.0
4	1	82	22	-17.8	.26	.62	3.2	36.	1.2	3.	3.2	32.	00.0	00.	00.0
4	1	82	23	-18.7	.40	.69	2.2	35.	2.1	1.	3.5	32.	00.0	00.	00.0
4	1	82	24	-19.2	.47	.71	2.7	35.	1.9	1.	3.2	33.	00.0	00.	00.0
5	1	82	1	-19.3	.40	.73	2.4	34.	1.0	1.	2.5	32.	00.0	00.	00.0
5	1	82	2	-20.1	.41	.76	1.8	33.	1.7	1.	2.5	31.	00.0	00.	00.0
5	1	82	3	-19.7	.33	.77	2.2	32.	1.5	1.	2.8	32.	00.0	00.	00.0
5	1	82	4	-19.7	.30	.78	2.3	32.	1.2	1.	2.5	30.	00.0	00.	00.0
5	1	82	5	-19.8	.26	.79	2.0	31.	1.1	1.	2.5	29.	00.0	00.	00.0
5	1	82	6	-20.1	.27	.78	2.3	32.	1.6	2.	4.6	31.	00.0	00.	00.0
5	1	82	7	-20.1	.26	.74	3.5	35.	.9	2.	3.9	30.	00.0	00.	00.0
5	1	82	8	-19.9	.40	.75	3.0	33.	1.0	3.	3.2	31.	00.0	00.	00.0
5	1	82	9	-20.0	.32	.75	1.9	32.	.6	5.	3.2	31.	00.0	00.	00.0
5	1	82	10	-18.6	.05	.74	2.6	31.	1.0	2.	2.8	30.	00.0	00.	00.0
5	1	82	11	-16.9	-.20	.76	1.6	32.	1.1	3.	2.5	31.	00.0	00.	00.0
5	1	82	12	-16.6	-.41	.74	1.9	33.	1.2	3.	3.2	31.	00.0	00.	00.0
5	1	82	13	-15.8	-.34	.65	2.3	36.	1.8	3.	3.9	31.	00.0	00.	00.0
5	1	82	14	-15.5	-.19	.58	2.8	1.	3.8	1.	4.2	31.	00.0	00.	00.0
5	1	82	15	-16.5	-.01	.57	2.9	36.	5.6	1.	4.2	31.	00.0	00.	00.0
5	1	82	16	-17.2	.14	.58	3.3	36.	5.1	1.	3.9	30.	00.0	00.	00.0
5	1	82	17	-17.6	.18	.60	4.0	36.	4.7	1.	3.9	31.	00.0	00.	00.0
5	1	82	18	-17.6	.15	.61	3.8	36.	4.7	1.	4.2	31.	00.0	00.	00.0
5	1	82	19	-17.8	.16	.61	3.2	35.	3.9	2.	4.9	32.	00.0	00.	00.0
5	1	82	20	-17.6	.15	.62	3.4	36.	3.3	2.	4.9	32.	00.0	00.	00.0
5	1	82	21	-16.6	.08	.62	3.9	35.	4.0	2.	4.6	33.	00.0	00.	00.0
5	1	82	22	-16.3	.05	.63	3.9	35.	4.3	1.	4.6	33.	00.0	00.	00.0
5	1	82	23	-15.7	-.01	.66	4.4	36.	3.8	1.	4.9	33.	00.0	00.	00.0
5	1	82	24	-15.3	-.02	.69	4.4	1.	5.3	2.	5.3	35.	00.0	00.	00.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
6	1	82	1	-15.0	-.03	.72	3.6	1.	6.3	1.	5.6	00.	00.0	00.	00.0
6	1	82	2	-14.6	-.03	.76	4.2	1.	6.4	1.	5.3	33.	00.0	00.	00.0
6	1	82	3	-14.4	-.03	.76	4.5	1.	7.1	1.	6.7	33.	00.0	00.	00.0
6	1	82	4	-14.2	-.03	.75	4.7	0.	6.8	1.	6.7	00.	00.0	00.	00.0
6	1	82	5	-13.9	-.03	.74	5.4	0.	8.8	1.	6.3	00.	00.0	00.	00.0
6	1	82	6	-13.6	-.03	.73	5.6	1.	7.4	1.	6.0	00.	00.0	00.	00.0
6	1	82	7	-13.4	-.04	.71	6.0	0.	7.0	1.	5.3	00.	00.0	00.	00.0
6	1	82	8	-13.3	-.02	.67	6.1	0.	8.0	1.	5.3	00.	00.0	00.	00.0
6	1	82	9	-13.3	.04	.53	5.8	0.	6.5	1.	6.7	00.	00.0	00.	00.0
6	1	82	10	-13.0	-.01	.55	6.1	1.	7.0	1.	00.0	00.	00.0	00.	00.0
6	1	82	11	-12.6	-.10	.53	4.7	1.	7.5	1.	00.0	00.	00.0	00.	00.0
6	1	82	12	-12.6	-.14	.53	4.8	0.	8.5	1.	6.3	00.	00.0	00.	00.0
6	1	82	13	-12.6	-.12	.54	5.1	1.	8.4	1.	5.3	34.	00.0	00.	00.0
6	1	82	14	-12.4	-.13	.54	3.7	35.	4.8	1.	00.0	00.	00.0	00.	00.0
6	1	82	15	-12.5	-.08	.58	3.9	35.	3.7	2.	3.9	00.	00.0	00.	00.0
6	1	82	16	-13.1	.04	.60	4.3	36.	3.0	2.	4.2	31.	00.0	00.	00.0
6	1	82	17	-13.5	.10	.62	3.6	36.	2.0	36.	3.9	32.	00.0	00.	00.0
6	1	82	18	-13.6	.15	.59	3.9	35.	4.5	1.	3.9	29.	00.0	00.	00.0
6	1	82	19	-13.8	.10	.58	3.9	34.	1.9	34.	3.9	31.	00.0	00.	00.0
6	1	82	20	-14.3	.15	.57	4.1	35.	2.5	5.	3.2	31.	00.0	00.	00.0
6	1	82	21	-14.7	.13	.58	4.0	35.	2.4	4.	3.2	32.	00.0	00.	00.0
6	1	82	22	-15.0	.14	.59	3.8	35.	2.1	2.	3.5	32.	00.0	00.	00.0
6	1	82	23	-15.2	.24	.59	3.7	35.	2.2	36.	4.6	31.	00.0	00.	00.0
6	1	82	24	-15.8	.22	.64	3.2	33.	3.5	33.	3.5	32.	00.0	00.	00.0
7	1	82	1	-16.5	.15	.71	3.6	33.	2.1	3.	3.5	31.	00.0	00.	00.0
7	1	82	2	-17.9	.32	.73	2.9	35.	1.9	3.	2.8	31.	00.0	00.	00.0
7	1	82	3	-18.2	.24	.74	2.8	32.	2.1	3.	3.2	31.	00.0	00.	00.0
7	1	82	4	-18.9	.28	.76	3.3	33.	2.0	2.	3.9	32.	00.0	00.	00.0
7	1	82	5	-19.8	.41	.74	2.8	33.	1.8	2.	4.2	32.	00.0	00.	00.0
7	1	82	6	-19.6	.32	.77	3.5	32.	1.8	2.	3.9	31.	00.0	00.	00.0
7	1	82	7	-19.8	.29	.77	3.2	33.	1.8	2.	3.5	31.	00.0	00.	00.0
7	1	82	8	-20.1	.30	.77	3.0	32.	1.7	1.	3.5	31.	00.0	00.	00.0
7	1	82	9	-20.2	.33	.77	2.9	32.	1.7	1.	3.5	31.	00.0	00.	00.0
7	1	82	10	-19.5	.13	.77	3.4	31.	1.9	3.	2.8	31.	00.0	00.	00.0
7	1	82	11	-18.4	-.11	.75	2.8	32.	2.0	3.	2.8	31.	00.0	00.	00.0
7	1	82	12	-17.8	-.25	.74	2.9	32.	2.0	2.	3.5	31.	00.0	00.	00.0
7	1	82	13	-16.5	-.37	.70	3.0	33.	1.9	2.	3.5	32.	00.0	00.	00.0
7	1	82	14	-16.0	-.26	.67	3.1	33.	2.2	3.	2.5	31.	00.0	00.	00.0
7	1	82	15	-16.5	-.02	.67	3.6	33.	1.5	1.	2.8	32.	00.0	00.	00.0
7	1	82	16	-17.4	.24	.69	3.6	33.	2.1	3.	2.5	31.	00.0	00.	00.0
7	1	82	17	-17.9	.35	.70	3.7	33.	1.5	2.	2.8	31.	00.0	00.	00.0
7	1	82	18	-18.1	.26	.72	4.3	32.	1.9	2.	3.2	31.	00.0	00.	00.0
7	1	82	19	-18.4	.27	.72	4.5	33.	1.9	1.	3.2	31.	00.0	00.	00.0
7	1	82	20	-19.0	.30	.73	3.5	33.	2.0	2.	3.2	31.	00.0	00.	00.0
7	1	82	21	-19.2	.28	.74	3.6	33.	2.1	1.	3.2	31.	00.0	00.	00.0
7	1	82	22	-19.7	.30	.74	3.3	33.	2.1	1.	3.5	32.	00.0	00.	00.0
7	1	82	23	-19.7	.23	.74	3.4	33.	1.9	1.	2.8	32.	00.0	00.	00.0
7	1	82	24	-19.6	.23	.74	3.8	34.	1.8	1.	3.2	31.	00.0	00.	00.0
8	1	82	1	-19.9	.22	.74	3.4	34.	1.9	1.	3.2	31.	00.0	00.	00.0
8	1	82	2	-20.0	.18	.74	3.4	33.	1.9	1.	2.8	31.	00.0	00.	00.0
8	1	82	3	-20.3	.24	.73	3.4	33.	2.0	1.	2.5	31.	00.0	00.	00.0
8	1	82	4	-20.4	.22	.73	3.5	34.	1.7	1.	2.5	31.	00.0	00.	00.0
8	1	82	5	-20.5	.25	.73	3.3	34.	1.8	1.	2.5	31.	00.0	00.	00.0
8	1	82	6	-20.9	.25	.73	2.8	34.	2.0	1.	2.8	31.	00.0	00.	00.0
8	1	82	7	-20.9	.25	.73	3.7	35.	2.1	1.	2.8	31.	00.0	00.	00.0
8	1	82	8	-21.2	.19	.73	3.9	34.	1.7	1.	2.5	31.	00.0	00.	00.0
8	1	82	9	-21.3	.25	.72	3.2	34.	1.7	1.	2.1	31.	00.0	00.	00.0
8	1	82	10	-21.1	.09	.73	2.9	34.	1.7	1.	2.1	31.	00.0	00.	00.0
8	1	82	11	-19.6	-.27	.72	2.5	34.	2.4	1.	1.8	32.	00.0	00.	00.0
8	1	82	12	-19.0	-.37	.70	2.7	34.	2.7	1.	1.8	31.	00.0	00.	00.0
8	1	82	13	-17.8	-.49	.67	2.4	33.	2.5	2.	1.8	31.	00.0	00.	00.0
8	1	82	14	-17.1	-.36	.65	2.4	33.	2.2	2.	2.1	31.	00.0	00.	00.0
8	1	82	15	-17.3	-.24	.65	1.6	33.	2.0	1.	2.1	31.	00.0	00.	00.0
8	1	82	16	-18.7	.19	.68	2.9	32.	1.3	3.	2.8	31.	00.0	00.	00.0
8	1	82	17	-19.6	.36	.70	3.0	31.	2.4	2.	2.5	31.	00.0	00.	00.0
8	1	82	18	-20.5	.30	.74	3.4	33.	1.8	2.	2.5	30.	00.0	00.	00.0
8	1	82	19	-21.2	.27	.75	3.0	32.	1.2	2.	3.2	31.	00.0	00.	00.0
8	1	82	20	-21.9	.32	.76	2.4	32.	1.1	3.	2.8	31.	00.0	00.	00.0
8	1	82	21	-22.6	.55	.75	3.0	33.	2.0	1.	2.8	00.	00.0	00.	00.0
8	1	82	22	-22.1	.27	.76	3.0	33.	1.7	1.	2.8	30.	00.0	00.	00.0
8	1	82	23	-22.6	.32	.75	3.1	32.	.9	34.	3.2	30.	00.0	00.	00.0
8	1	82	24	-22.7	.59	.75	3.1	32.	.7	36.	2.8	31.	00.0	00.	00.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-WER	D-WER	F-RA	D-RA	F-SA	D-SA	P-TA
9	1	82	1	-23.1	1.02	.74	2.9	32.	1.6	1.	3.2	30.	99.0	99.	99.0
9	1	82	2	-22.3	.64	.74	2.9	34.	1.2	1.	3.2	29.	99.0	99.	99.0
9	1	82	3	-22.3	.62	.75	2.7	33.	1.2	1.	2.5	29.	99.0	99.	99.0
9	1	82	4	-22.3	.60	.74	2.9	33.	1.3	1.	3.2	29.	99.0	99.	99.0
9	1	82	5	-21.7	.66	.75	2.6	33.	1.2	1.	2.8	29.	99.0	99.	99.0
9	1	82	6	-22.1	.81	.74	3.1	33.	.8	1.	2.5	31.	99.0	99.	99.0
9	1	82	7	-22.1	1.28	.74	2.8	33.	1.3	1.	2.5	31.	99.0	99.	99.0
9	1	82	8	-21.3	.77	.75	3.0	34.	1.5	1.	2.8	31.	99.0	99.	99.0
9	1	82	9	-21.8	.78	.75	3.4	34.	1.5	36.	2.5	31.	99.0	99.	99.0
9	1	82	10	-19.7	.56	.76	3.1	33.	1.2	1.	2.1	32.	99.0	99.	99.0
9	1	82	11	-17.5	-.10	.77	2.1	33.	1.1	1.	1.8	32.	99.0	99.	99.0
9	1	82	12	-14.3	-.06	.79	1.8	33.	1.1	2.	2.1	32.	99.0	99.	99.0
9	1	82	13	-15.3	.18	.80	2.1	32.	1.1	2.	99.0	32.	99.0	99.	99.0
9	1	82	14	-13.0	.75	.81	3.1	32.	1.1	1.	2.5	0.	99.0	99.	99.0
9	1	82	15	-12.1	1.23	.82	1.8	34.	.8	4.	2.1	32.	99.0	99.	99.0
9	1	82	16	-10.3	1.20	.78	3.6	32.	1.0	36.	1.8	32.	99.0	99.	99.0
9	1	82	17	-10.4	1.19	.75	3.6	32.	1.2	1.	1.8	32.	99.0	99.	99.0
9	1	82	18	-10.5	1.29	.75	4.1	32.	1.7	1.	2.1	32.	99.0	99.	99.0
9	1	82	19	-9.9	.81	.74	3.5	33.	.8	1.	2.1	32.	99.0	99.	99.0
9	1	82	20	-9.5	1.28	.73	4.8	32.	.9	1.	2.5	31.	99.0	99.	99.0
9	1	82	21	-8.9	1.09	.72	4.3	32.	1.2	1.	2.1	31.	99.0	99.	99.0
9	1	82	22	-8.8	.81	.71	3.9	32.	2.0	1.	2.1	32.	99.0	99.	99.0
9	1	82	23	-9.1	.92	.72	3.7	33.	1.1	1.	2.5	32.	99.0	99.	99.0
9	1	82	24	-8.8	.70	.71	3.7	32.	.6	2.	2.1	33.	99.0	99.	99.0
10	1	82	1	-10.2	.81	.75	3.3	33.	1.7	1.	2.1	32.	99.0	99.	99.0
10	1	82	2	-10.1	.75	.76	2.9	33.	1.2	2.	1.8	32.	99.0	99.	99.0
10	1	82	3	-10.4	.71	.77	3.1	32.	1.8	1.	1.4	31.	99.0	99.	99.0
10	1	82	4	-10.7	1.01	.78	3.3	32.	2.1	1.	34.7	33.	99.0	99.	99.0
10	1	82	5	-10.1	1.58	.78	3.6	32.	1.9	1.	99.0	0.	99.0	99.	99.0
10	1	82	6	-9.8	1.29	.77	1.4	32.	1.3	1.	1.4	0.	99.0	99.	99.0
10	1	82	7	-9.2	.92	.77	1.0	25.	1.4	2.	99.0	0.	99.0	99.	99.0
10	1	82	8	-8.7	.72	.73	.7	1009.	1.3	2.	1.4	0.	99.0	99.	99.0
10	1	82	9	-8.0	1.14	.75	1.3	12.	1.5	1.	99.0	0.	99.0	99.	99.0
10	1	82	10	-7.3	1.11	.75	.9	10.	1.5	1.	1.8	0.	99.0	99.	99.0
10	1	82	11	-6.3	.87	.74	1.1	1025.	1.2	3.	1.8	0.	99.0	99.	99.0
10	1	82	12	-6.8	1.37	.76	1.7	1011.	1.3	2.	2.1	0.	99.0	99.	99.0
10	1	82	13	-5.9	1.61	.76	3.1	26.	1.6	0.	1.8	0.	99.0	99.	99.0
10	1	82	14	-3.8	.72	.74	3.8	27.	1.7	1.	1.8	33.	99.0	99.	99.0
10	1	82	15	-5.1	1.38	.74	3.7	30.	2.1	1.	1.4	33.	99.0	99.	99.0
10	1	82	16	-5.5	1.20	.69	3.6	29.	1.4	2.	1.8	6.	99.0	99.	99.0
10	1	82	17	-4.1	.81	.71	2.6	29.	.7	2.	1.4	5.	99.0	99.	99.0
10	1	82	18	-4.0	.64	.67	2.3	30.	1.6	1.	1.4	5.	99.0	99.	99.0
10	1	82	19	-4.9	.66	.72	1.7	1001.	1.1	2.	99.0	99.	99.0	99.	99.0
10	1	82	20	-4.1	.90	.68	1.3	36.	1.3	1.	99.0	99.	99.0	99.	99.0
10	1	82	21	-4.4	1.67	.68	2.7	29.	1.0	1.	99.0	99.	99.0	99.	99.0
10	1	82	22	-2.9	.64	.54	2.3	31.	0.0	37.	99.0	99.	99.0	99.	99.0
10	1	82	23	-5.3	.87	.66	2.5	29.	.6	8.	99.0	99.	99.0	99.	99.0
10	1	82	24	-3.1	1.10	.52	3.9	27.	.7	2.	99.0	99.	99.0	99.	99.0
11	1	82	1	-3.0	.53	.48	1.6	24.	.6	3.	99.0	99.	99.0	99.	99.0
11	1	82	2	-4.0	.56	.53	1.6	27.	.9	2.	99.0	99.	99.0	99.	99.0
11	1	82	3	-5.3	1.19	.61	3.6	28.	.6	3.	99.0	99.	99.0	99.	99.0
11	1	82	4	-6.0	.98	.63	4.2	28.	.6	2.	99.0	99.	99.0	99.	99.0
11	1	82	5	-5.7	.77	.53	3.9	31.	.9	1.	99.0	99.	99.0	99.	99.0
11	1	82	6	-6.1	.70	.53	4.0	30.	.6	36.	99.0	99.	99.0	99.	99.0
11	1	82	7	-5.8	.51	.51	3.9	30.	1.8	36.	99.0	99.	99.0	99.	99.0
11	1	82	8	-7.4	.75	.53	2.4	33.	1.1	33.	99.0	99.	99.0	99.	99.0
11	1	82	9	-5.9	.61	.43	4.1	32.	1.1	29.	99.0	99.	99.0	99.	99.0
11	1	82	10	-6.5	.67	.47	4.1	30.	1.3	23.	99.0	99.	99.0	99.	99.0
11	1	82	11	-4.1	.24	.42	3.5	29.	1.8	31.	99.0	99.	99.0	99.	0.0
11	1	82	12	-3.6	-.19	.42	3.0	30.	1.5	36.	99.0	99.	99.0	99.	0.0
11	1	82	13	-2.1	-.32	.37	3.1	32.	.9	28.	99.0	99.	99.0	99.	0.0
11	1	82	14	-1.5	-.21	.34	3.5	31.	3.5	29.	99.0	99.	99.0	99.	0.0
11	1	82	15	-2.3	-.13	.38	2.8	30.	4.5	30.	99.0	99.	99.0	99.	0.0
11	1	82	16	-3.8	.18	.42	1.2	1001.	1.5	23.	99.0	99.	99.0	99.	0.0
11	1	82	17	-3.1	.20	.40	4.0	30.	1.6	30.	99.0	99.	99.0	99.	0.0
11	1	82	18	-4.5	.45	.44	3.6	31.	1.1	1.	99.0	99.	99.0	99.	0.0
11	1	82	19	-5.1	.43	.48	4.2	30.	2.1	36.	99.0	99.	99.0	99.	0.0
11	1	82	20	-5.1	.45	.49	3.3	31.	1.5	36.	99.0	99.	99.0	99.	0.0
11	1	82	21	-4.5	.37	.47	3.7	31.	1.5	1.	99.0	99.	99.0	99.	0.0
11	1	82	22	-5.0	.50	.48	3.5	32.	1.2	1.	99.0	99.	99.0	99.	0.0
11	1	82	23	-5.6	.46	.50	3.4	32.	2.3	1.	99.0	99.	99.0	99.	0.0
11	1	82	24	-6.0	.64	.53	4.0	32.	1.4	2.	99.0	99.	99.0	99.	0.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
12	1	82	1	-6.4	.53	.55	3.5	33.	.7	36.	00.0	00.	00.0	00.	0.0
12	1	82	2	-6.9	.89	.57	3.6	30.	1.0	1.	00.0	00.	00.0	00.	0.0
12	1	82	3	-7.3	.93	.58	3.7	31.	1.0	1.	00.0	00.	00.0	00.	0.0
12	1	82	4	-7.7	1.13	.60	4.0	31.	1.7	1.	00.0	00.	00.0	00.	0.0
12	1	82	5	-8.3	1.00	.62	3.3	32.	1.8	1.	00.0	00.	00.0	00.	0.0
12	1	82	6	-8.6	.72	.63	3.1	33.	2.3	1.	00.0	00.	00.0	00.	0.0
12	1	82	7	-10.0	.85	.68	3.5	33.	2.4	1.	00.0	00.	00.0	00.	0.0
12	1	82	8	-10.3	.78	.70	3.6	33.	2.6	1.	00.0	00.	00.0	00.	0.0
12	1	82	9	-11.7	1.39	.75	4.1	33.	2.3	1.	00.0	00.	00.0	00.	0.0
12	1	82	10	-10.9	1.23	.74	4.5	33.	2.4	1.	00.0	00.	00.0	00.	0.0
12	1	82	11	-9.9	1.23	.74	3.7	34.	2.4	1.	00.0	00.	00.0	00.	0.0
12	1	82	12	-9.3	1.70	.73	2.8	33.	1.4	1.	00.0	00.	00.0	00.	0.0
12	1	82	13	-7.6	.86	.64	1.7	32.	1.4	3.	00.0	00.	00.0	00.	0.0
12	1	82	14	-6.7	.47	.62	2.6	31.	1.2	1.	00.0	00.	00.0	00.	0.0
12	1	82	15	-6.8	.29	.64	2.0	32.	1.7	1.	00.0	00.	00.0	00.	0.0
12	1	82	16	-7.7	.86	.66	2.5	32.	2.3	1.	00.0	00.	00.0	00.	0.0
12	1	82	17	-8.0	.89	.70	2.3	34.	2.0	1.	00.0	00.	00.0	00.	0.0
12	1	82	18	-7.6	.61	.68	2.3	32.	1.4	2.	00.0	00.	00.0	00.	0.0
12	1	82	19	-7.9	1.42	.75	1.5	30.	1.1	3.	00.0	00.	00.0	00.	0.0
12	1	82	20	-7.2	1.81	.72	1.6	30.	1.2	2.	00.0	00.	00.0	00.	0.0
12	1	82	21	-6.3	1.92	.68	1.7	24.	1.5	2.	00.0	00.	00.0	00.	0.0
12	1	82	22	-7.3	2.03	.79	2.7	30.	2.4	1.	00.0	00.	00.0	00.	0.0
12	1	82	23	-6.4	1.37	.73	2.1	32.	2.2	1.	00.0	00.	00.0	00.	0.0
12	1	82	24	-5.8	1.49	.69	2.9	32.	2.4	1.	00.0	00.	00.0	00.	0.0
13	1	82	1	-6.0	1.50	.68	1.4	34.	1.3	1.	00.0	00.	00.0	00.	0.0
13	1	82	2	-5.9	1.91	.70	2.7	33.	1.2	2.	00.0	00.	00.0	00.	0.0
13	1	82	3	-6.2	1.55	.74	3.7	28.	2.8	2.	00.0	00.	00.0	00.	0.0
13	1	82	4	-6.7	1.24	.81	2.7	32.	1.8	1.	00.0	00.	00.0	00.	0.0
13	1	82	5	-7.7	1.73	.82	2.3	33.	2.6	1.	00.0	00.	00.0	00.	0.0
13	1	82	6	-7.7	2.03	.83	2.7	31.	2.0	1.	00.0	00.	00.0	00.	0.0
13	1	82	7	-8.1	1.57	.85	2.9	34.	2.6	1.	00.0	00.	00.0	00.	0.0
13	1	82	8	-8.2	1.94	.86	2.4	36.	2.2	1.	00.0	00.	00.0	00.	0.0
13	1	82	9	-7.9	2.53	.85	1.8	1.	2.0	1.	00.0	00.	00.0	00.	0.0
13	1	82	10	-8.2	2.70	.85	2.8	34.	1.3	2.	00.0	00.	00.0	00.	0.0
13	1	82	11	-6.4	.44	.83	1.7	34.	1.9	1.	00.0	00.	00.0	00.	0.0
13	1	82	12	-5.3	.62	.79	1.8	32.	2.0	1.	00.0	00.	00.0	00.	0.0
13	1	82	13	-2.4	.06	.72	1.7	31.	1.5	1.	00.0	00.	00.0	00.	0.0
13	1	82	14	-1.6	.81	.69	.7	1019.	2.2	1.	00.0	00.	00.0	00.	0.0
13	1	82	15	-1.5	.66	.75	2.6	21.	1.6	1.	00.0	00.	00.0	00.	0.0
13	1	82	16	-1.7	.74	.82	2.2	22.	1.8	2.	00.0	00.	00.0	00.	0.0
13	1	82	17	-1.5	1.01	.83	2.6	22.	1.3	2.	00.0	00.	00.0	00.	0.0
13	1	82	18	-.2	.63	.76	2.8	21.	1.5	2.	00.0	00.	00.0	00.	0.0
13	1	82	19	-.1	.79	.74	3.0	22.	1.0	26.	00.0	00.	00.0	00.	0.0
13	1	82	20	.8	.37	.73	1.6	19.	1.4	23.	00.0	00.	00.0	00.	0.0
13	1	82	21	.5	.73	.75	2.3	18.	1.5	22.	00.0	00.	00.0	00.	0.0
13	1	82	22	1.9	.26	.65	3.5	25.	1.5	24.	00.0	00.	00.0	00.	0.0
13	1	82	23	1.9	.24	.63	3.5	26.	1.6	21.	00.0	00.	00.0	00.	0.0
13	1	82	24	.8	.46	.68	2.3	21.	2.1	19.	00.0	00.	00.0	00.	0.0
14	1	82	1	.4	.27	.72	3.5	21.	2.1	17.	00.0	00.	00.0	00.	0.0
14	1	82	2	.1	.34	.75	3.2	21.	1.7	19.	00.0	00.	00.0	00.	0.0
14	1	82	3	.6	.18	.76	3.7	21.	1.7	23.	00.0	00.	00.0	00.	0.0
14	1	82	4	.5	.21	.77	3.3	23.	1.7	20.	00.0	00.	00.0	00.	0.0
14	1	82	5	.5	.13	.77	4.4	22.	2.9	20.	00.0	00.	00.0	00.	0.0
14	1	82	6	.3	.11	.75	4.0	21.	2.1	20.	00.0	00.	00.0	00.	0.0
14	1	82	7	.6	.27	.72	3.7	23.	2.1	19.	00.0	00.	00.0	00.	0.0
14	1	82	8	.6	.34	.72	2.5	21.	3.3	18.	00.0	00.	00.0	00.	0.0
14	1	82	9	1.3	.12	.70	3.9	21.	2.5	20.	00.0	00.	00.0	00.	0.0
14	1	82	10	1.6	.05	.68	4.8	21.	2.5	20.	00.0	00.	00.0	00.	0.0
14	1	82	11	1.8	.02	.67	5.1	22.	2.7	19.	00.0	00.	00.0	00.	0.0
14	1	82	12	1.9	-.02	.65	3.9	22.	2.8	18.	00.0	00.	00.0	00.	0.0
14	1	82	13	2.1	-.04	.62	3.1	21.	3.5	17.	00.0	00.	00.0	00.	0.0
14	1	82	14	2.2	-.02	.62	4.7	22.	4.3	17.	00.0	00.	00.0	00.	0.0
14	1	82	15	2.3	.05	.62	5.3	22.	4.1	20.	00.0	00.	00.0	00.	0.0
14	1	82	16	2.0	.07	.64	4.7	22.	2.2	15.	00.0	00.	00.0	00.	0.0
14	1	82	17	1.4	.17	.67	2.7	14.	1.7	18.	00.0	00.	00.0	00.	0.0
14	1	82	18	1.9	.32	.66	2.8	23.	2.2	20.	00.0	00.	00.0	00.	0.0
14	1	82	19	2.6	.19	.66	2.8	24.	2.0	19.	00.0	00.	00.0	00.	0.0
14	1	82	20	2.8	.13	.68	2.1	25.	1.6	22.	00.0	00.	00.0	00.	0.0
14	1	82	21	3.2	.14	.66	3.0	25.	1.5	28.	00.0	00.	00.0	00.	0.0
14	1	82	22	2.4	.78	.69	2.3	1031.	2.2	1.	00.0	00.	00.0	00.	0.0
14	1	82	23	.5	1.10	.80	1.8	1010.	1.6	1.	00.0	00.	00.0	00.	0.0
14	1	82	24	.1	2.56	.86	2.1	16.	.8	3.	00.0	00.	00.0	00.	0.0

				T-RS	DT-RS	RH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
15	1	82	1	1.3	1.41	.82	2.8	22.	2.1	2.	00.0	00.	00.0	00.	0.0
15	1	82	2	-.0	.66	.88	1.3	22.	.6	10.	00.0	00.	00.0	00.	0.0
15	1	82	3	.9	.81	.85	2.3	22.	.6	6.	00.0	00.	00.0	00.	0.0
15	1	82	4	1.1	.80	.84	1.5	19.	1.8	2.	00.0	00.	00.0	00.	0.0
15	1	82	5	.7	.69	.87	2.2	13.	1.4	1.	00.0	00.	00.0	00.	0.0
15	1	82	6	.5	.96	.89	2.3	12.	.6	3.	00.0	00.	00.0	00.	0.0
15	1	82	7	.3	1.00	.90	1.8	14.	1.5	1.	00.0	00.	00.0	00.	0.0
15	1	82	8	.6	.61	.91	1.3	14.	2.5	2.	00.0	00.	00.0	00.	0.0
15	1	82	9	-.5	1.20	.93	1.3	1.	1.6	1.	00.0	00.	00.0	00.	0.0
15	1	82	10	.4	.47	.88	2.2	35.	.8	3.	00.0	00.	00.0	00.	0.0
15	1	82	11	.8	.40	.86	2.0	34.	1.6	1.	00.0	00.	00.0	00.	0.0
15	1	82	12	1.5	.49	.84	2.5	34.	1.6	1.	00.0	00.	00.0	00.	0.0
15	1	82	13	2.2	.47	.80	1.9	1034.	.9	16.	00.0	00.	00.0	00.	0.0
15	1	82	14	3.6	-.44	.74	1.7	15.	.6	6.	00.0	00.	00.0	00.	0.0
15	1	82	15	2.5	-.24	.84	1.8	13.	1.3	12.	00.0	00.	00.0	00.	0.0
15	1	82	16	.6	-.03	.95	3.6	13.	2.4	15.	00.0	00.	00.0	00.	0.0
15	1	82	17	-.4	-.02	.95	3.9	13.	1.9	13.	00.0	00.	00.0	00.	0.0
15	1	82	18	-.7	-.03	.94	3.5	13.	2.7	14.	00.0	00.	00.0	00.	0.0
15	1	82	19	-1.1	-.02	.94	3.3	15.	2.7	13.	00.0	00.	00.0	00.	0.0
15	1	82	20	-1.9	-.03	.93	2.9	15.	3.1	15.	00.0	00.	00.0	00.	0.0
15	1	82	21	-2.4	-.04	.91	2.0	16.	2.0	15.	00.0	00.	00.0	00.	0.0
15	1	82	22	-2.7	-.04	.91	99.0	15.	2.2	14.	00.0	00.	00.0	00.	0.0
15	1	82	23	-2.8	-.02	.90	99.0	17.	2.0	13.	00.0	00.	00.0	00.	0.0
15	1	82	24	-3.1	-.03	.90	99.0	15.	2.2	14.	00.0	00.	00.0	00.	0.0
16	1	82	1	-3.1	-.04	.89	99.0	15.	2.3	14.	00.0	00.	00.0	00.	0.0
16	1	82	2	-3.6	-.03	.89	99.0	14.	1.8	14.	00.0	00.	00.0	00.	0.0
16	1	82	3	-4.0	-.03	.88	99.0	13.	2.0	15.	00.0	00.	00.0	00.	0.0
16	1	82	4	-4.3	-.03	.88	99.0	14.	1.8	15.	00.0	00.	00.0	00.	0.0
16	1	82	5	-4.6	-.03	.88	99.0	16.	1.8	15.	00.0	00.	00.0	00.	0.0
16	1	82	6	-4.9	-.04	.87	99.0	16.	1.4	12.	00.0	00.	00.0	00.	0.0
16	1	82	7	-4.9	-.02	.87	99.0	16.	1.4	9.	00.0	00.	00.0	00.	0.0
16	1	82	8	-4.8	0.00	.87	99.0	16.	1.8	3.	00.0	00.	00.0	00.	0.0
16	1	82	9	-4.7	-.03	.87	99.0	16.	1.8	3.	00.0	00.	00.0	00.	0.0
16	1	82	10	-4.7	-.02	.87	99.0	16.	1.5	5.	00.0	00.	00.0	00.	0.0
16	1	82	11	-4.3	.13	.87	99.0	16.	.6	9.	00.0	00.	00.0	00.	0.0
16	1	82	12	-3.8	.02	.87	99.0	16.	.7	0.	00.0	00.	00.0	00.	0.0
16	1	82	13	-3.3	-.20	.88	99.0	16.	1.1	38.	00.0	00.	00.0	00.	0.0
16	1	82	14	-3.1	-.25	.88	99.0	16.	1.5	38.	00.0	00.	00.0	00.	0.0
16	1	82	15	-3.8	-.01	.88	99.0	16.	.9	6.	00.0	00.	00.0	00.	0.0
16	1	82	16	-4.1	.05	.88	99.0	16.	1.5	2.	00.0	00.	00.0	00.	0.0
16	1	82	17	-3.8	-.03	.88	99.0	16.	2.2	2.	00.0	00.	00.0	00.	0.0
16	1	82	18	-4.7	.20	.87	99.0	16.	1.4	15.	00.0	00.	00.0	00.	0.0
16	1	82	19	-4.9	.35	.87	99.0	16.	1.6	4.	00.0	00.	00.0	00.	0.0
16	1	82	20	-4.1	.11	.88	99.0	16.	2.0	1.	00.0	00.	00.0	00.	0.0
16	1	82	21	-3.7	.03	.88	99.0	16.	1.5	24.	00.0	00.	00.0	00.	0.0
16	1	82	22	-3.7	-.00	.88	99.0	16.	3.2	1.	00.0	00.	00.0	00.	0.0
16	1	82	23	-3.6	-.01	.88	99.0	16.	2.3	2.	00.0	00.	00.0	00.	0.0
16	1	82	24	-3.7	.07	.88	99.0	16.	1.5	3.	00.0	00.	00.0	00.	0.0
17	1	82	1	-3.6	.11	.88	99.0	14.	1.0	15.	00.0	00.	00.0	00.	0.0
17	1	82	2	-3.2	.04	.88	99.0	14.	1.5	4.	00.0	00.	00.0	00.	0.0
17	1	82	3	-3.3	.02	.88	99.0	15.	1.4	7.	00.0	00.	00.0	00.	0.0
17	1	82	4	-3.3	-.01	.88	99.0	15.	2.2	3.	00.0	00.	00.0	00.	0.0
17	1	82	5	-3.4	-.05	.88	99.0	15.	2.1	2.	00.0	00.	00.0	00.	0.0
17	1	82	6	-3.5	-.03	.88	99.0	15.	2.4	1.	00.0	00.	00.0	00.	0.0
17	1	82	7	-3.7	-.03	.88	99.0	15.	2.8	1.	00.0	00.	00.0	00.	0.0
17	1	82	8	-3.9	-.03	.88	99.0	15.	2.6	1.	00.0	00.	00.0	00.	0.0
17	1	82	9	-4.0	-.01	.88	99.0	15.	2.8	2.	00.0	00.	00.0	00.	0.0
17	1	82	10	-4.1	.01	.88	99.0	1015.	3.5	2.	99.0	00.	00.0	00.	0.0
17	1	82	11	-4.0	-.02	.88	00.0	1.	3.1	2.	00.0	00.	00.0	00.	0.0
17	1	82	12	-3.8	-.05	.87	00.0	0.	2.8	2.	00.0	00.	00.0	00.	0.0
17	1	82	13	-3.3	-.05	.88	00.0	0.	1.7	4.	00.0	00.	00.0	00.	0.0
17	1	82	14	-3.2	-.04	.88	00.0	1.	1.2	3.	00.0	00.	00.0	00.	0.0
17	1	82	15	-3.3	-.04	.88	00.0	1004.	2.0	1.	00.0	00.	00.0	00.	0.0
17	1	82	16	-3.6	-.05	.88	00.0	33.	2.0	2.	00.0	00.	00.0	00.	0.0
17	1	82	17	-3.7	.02	.88	00.0	33.	2.3	1.	00.0	00.	00.0	00.	0.0
17	1	82	18	-3.8	.02	.88	00.0	33.	2.8	1.	00.0	00.	00.0	00.	0.0
17	1	82	19	-4.0	-.04	.87	00.0	34.	3.1	1.	00.0	00.	00.0	00.	0.0
17	1	82	20	-4.5	-.04	.87	00.0	1.	2.8	1.	00.0	00.	00.0	00.	0.0
17	1	82	21	-4.8	-.02	.87	00.0	3.	1.1	2.	00.0	00.	00.0	00.	0.0
17	1	82	22	-4.8	-.00	.87	00.0	1.	2.7	1.	00.0	00.	00.0	00.	0.0
17	1	82	23	-5.0	-.04	.87	00.0	32.	2.1	2.	00.0	00.	00.0	00.	0.0
17	1	82	24	-5.2	-.00	.87	00.0	32.	2.1	3.	00.0	00.	00.0	00.	0.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
18	1	82	1	-4.9	.03	.87	99.0	32.	1.6	3.	99.0	99.	99.0	99.	0.0
18	1	82	2	-4.6	-.04	.87	99.0	32.	1.8	3.	99.0	99.	99.0	99.	0.0
18	1	82	3	-5.0	.05	.87	99.0	32.	1.5	4.	99.0	99.	99.0	99.	0.0
18	1	82	4	-5.7	.26	.86	99.0	32.	1.4	5.	99.0	99.	99.0	99.	0.0
18	1	82	5	-5.4	.24	.87	99.0	32.	1.2	5.	99.0	99.	99.0	99.	0.0
18	1	82	6	-5.6	.24	.86	99.0	32.	.8	4.	99.0	99.	99.0	99.	0.0
18	1	82	7	-5.6	.13	.86	99.0	32.	.8	5.	99.0	99.	99.0	99.	0.0
18	1	82	8	-5.7	.30	.86	99.0	32.	.7	9.	99.0	99.	99.0	99.	0.0
18	1	82	9	-5.7	.11	.86	99.0	32.	.7	7.	99.0	99.	99.0	99.	0.0
18	1	82	10	-5.3	.02	.87	99.0	32.	1.0	38.	99.0	99.	99.0	99.	99.0
18	1	82	11	-4.9	-.06	.87	99.0	32.	.8	38.	99.0	99.	99.0	99.	99.0
18	1	82	12	-4.8	-.06	.87	99.0	32.	1.1	3.	99.0	99.	99.0	99.	99.0
18	1	82	13	-4.8	-.13	.87	99.0	32.	1.6	3.	99.0	99.	99.0	99.	99.0
18	1	82	14	-5.0	-.10	.87	99.0	32.	1.3	2.	99.0	99.	99.0	99.	99.0
18	1	82	15	-5.1	-.03	.87	99.0	32.	2.1	1.	99.0	99.	99.0	99.	99.0
18	1	82	16	-5.4	.33	.87	99.0	34.	1.8	1.	99.0	99.	99.0	99.	99.0
18	1	82	17	-5.2	.36	.87	99.0	35.	.6	2.	99.0	99.	99.0	99.	99.0
18	1	82	18	-5.4	.50	.87	99.0	34.	0.0	37.	99.0	99.	99.0	99.	99.0
18	1	82	19	-5.3	.32	.87	99.0	32.	1.3	4.	99.0	99.	99.0	99.	99.0
18	1	82	20	-5.0	.27	.87	99.0	33.	2.5	1.	99.0	99.	99.0	99.	99.0
18	1	82	21	-5.0	.04	.87	99.0	32.	2.1	2.	99.0	99.	99.0	99.	99.0
18	1	82	22	-5.7	.10	.86	99.0	31.	1.7	2.	99.0	99.	99.0	99.	99.0
18	1	82	23	-6.3	.23	.86	99.0	33.	1.7	1.	99.0	99.	99.0	99.	99.0
18	1	82	24	-5.6	.18	.86	99.0	31.	1.7	3.	99.0	99.	99.0	99.	99.0
19	1	82	1	-5.7	.10	.86	99.0	31.	1.7	2.	99.0	99.	99.0	99.	99.0
19	1	82	2	-6.0	.48	.86	99.0	0.	2.1	2.	99.0	99.	99.0	99.	99.0
19	1	82	3	-6.2	.16	.86	99.0	36.	1.7	3.	99.0	99.	99.0	99.	99.0
19	1	82	4	-6.8	.47	.86	99.0	0.	1.4	3.	99.0	99.	99.0	99.	99.0
19	1	82	5	-7.2	.29	.85	99.0	0.	1.6	2.	99.0	99.	99.0	99.	99.0
19	1	82	6	-7.5	.51	.85	99.0	0.	1.2	3.	99.0	99.	99.0	99.	99.0
19	1	82	7	-7.6	.10	.85	99.0	0.	0.0	37.	99.0	99.	99.0	99.	99.0
19	1	82	8	-7.8	.00	.85	99.0	0.	.7	11.	99.0	99.	99.0	99.	99.0
19	1	82	9	-8.3	-.01	.84	99.0	0.	.8	13.	99.0	99.	99.0	99.	99.0
19	1	82	10	-8.4	-.05	.84	99.0	3.	.8	12.	99.0	99.	99.0	99.	99.0
19	1	82	11	-8.1	-.03	.84	99.0	4.	.7	12.	99.0	99.	99.0	99.	99.0
19	1	82	12	-7.8	-.03	.85	99.0	4.	.9	12.	99.0	99.	99.0	99.	99.0
19	1	82	13	-7.5	-.00	.85	99.0	4.	.9	12.	99.0	99.	99.0	99.	99.0
19	1	82	14	-7.5	-.04	.85	99.0	4.	1.1	13.	99.0	99.	99.0	99.	99.0
19	1	82	15	-7.3	-.07	.85	99.0	4.	1.1	13.	99.0	99.	99.0	99.	99.0
19	1	82	16	-7.3	-.05	.85	99.0	4.	1.0	10.	99.0	99.	99.0	99.	99.0
19	1	82	17	-7.5	-.05	.85	99.0	4.	.6	9.	99.0	99.	99.0	99.	99.0
19	1	82	18	-7.8	-.03	.85	99.0	4.	.9	8.	99.0	99.	99.0	99.	99.0
19	1	82	19	-8.2	-.02	.84	99.0	4.	1.1	3.	99.0	99.	99.0	99.	99.0
19	1	82	20	-8.4	-.03	.84	99.0	4.	.9	7.	99.0	99.	99.0	99.	99.0
19	1	82	21	-8.6	-.05	.84	99.0	4.	.6	10.	99.0	99.	99.0	99.	99.0
19	1	82	22	-8.7	-.05	.84	99.0	4.	1.0	9.	99.0	99.	99.0	99.	99.0
19	1	82	23	-8.8	-.05	.84	99.0	4.	.9	8.	99.0	99.	99.0	99.	99.0
19	1	82	24	-8.8	-.05	.84	99.0	4.	1.5	3.	99.0	99.	99.0	99.	99.0
20	1	82	1	-9.1	-.04	.84	99.0	4.	1.1	8.	99.0	99.	99.0	99.	99.0
20	1	82	2	-9.5	-.05	.83	99.0	4.	1.3	6.	99.0	99.	99.0	99.	99.0
20	1	82	3	-9.5	-.05	.83	99.0	4.	1.3	2.	99.0	99.	99.0	99.	99.0
20	1	82	4	-9.6	-.05	.83	99.0	4.	.9	7.	99.0	99.	99.0	99.	99.0
20	1	82	5	-9.8	-.05	.83	99.0	4.	1.0	8.	99.0	99.	99.0	99.	99.0
20	1	82	6	-9.9	-.03	.83	99.0	4.	1.0	7.	99.0	99.	99.0	99.	99.0
20	1	82	7	-10.1	-.06	.83	99.0	4.	1.0	9.	99.0	99.	99.0	99.	99.0
20	1	82	8	-10.3	-.05	.83	99.0	4.	1.0	5.	99.0	99.	99.0	99.	99.0
20	1	82	9	-10.2	-.05	.83	99.0	4.	1.4	2.	99.0	99.	99.0	99.	99.0
20	1	82	10	-10.0	-.02	.83	99.0	4.	1.6	1.	99.0	99.	99.0	99.	99.0
20	1	82	11	-9.9	.11	.83	99.0	4.	1.4	2.	99.0	99.	99.0	99.	99.0
20	1	82	12	-9.7	.11	.83	99.0	4.	1.4	3.	99.0	99.	99.0	99.	99.0
20	1	82	13	-9.6	.09	.83	99.0	4.	1.4	3.	99.0	99.	99.0	99.	99.0
20	1	82	14	-9.7	.05	.83	99.0	4.	1.2	4.	99.0	99.	99.0	99.	99.0
20	1	82	15	-9.7	-.03	.83	99.0	4.	1.2	7.	99.0	99.	99.0	99.	99.0
20	1	82	16	-10.0	-.03	.83	99.0	4.	1.4	6.	99.0	99.	99.0	99.	99.0
20	1	82	17	-10.2	-.05	.83	99.0	4.	1.4	6.	99.0	99.	99.0	99.	99.0
20	1	82	18	-10.6	-.02	.82	99.0	4.	1.1	7.	99.0	99.	99.0	99.	99.0
20	1	82	19	-10.8	-.02	.82	99.0	4.	1.0	5.	99.0	99.	99.0	99.	99.0
20	1	82	20	-11.0	0.00	.82	99.0	4.	1.3	3.	99.0	99.	99.0	99.	99.0
20	1	82	21	-10.9	.09	.82	99.0	4.	1.5	3.	99.0	99.	99.0	99.	99.0
20	1	82	22	-10.9	.03	.82	99.0	4.	1.5	3.	99.0	99.	99.0	99.	99.0
20	1	82	23	-11.3	-.01	.82	99.0	4.	.9	7.	99.0	99.	99.0	99.	99.0
20	1	82	24	-11.7	0.00	.81	99.0	4.	.8	7.	99.0	99.	99.0	99.	99.0

				T-RS	DT-RS	RH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
21	1	82	1	-12.5	.00	.81	00.0	4.	0.0	37.	00.0	00.	00.0	00.	00.0
21	1	82	2	-12.4	.03	.81	00.0	4.	0.0	37.	00.0	00.	00.0	00.	00.0
21	1	82	3	-12.3	.10	.81	00.0	4.	.0	6.	00.0	00.	00.0	00.	00.0
21	1	82	4	-12.1	.12	.81	00.0	4.	1.6	3.	00.0	00.	00.0	00.	00.0
21	1	82	5	-12.1	-.02	.81	00.0	4.	1.3	6.	00.0	00.	00.0	00.	00.0
21	1	82	6	-12.4	-.02	.81	00.0	4.	1.2	3.	00.0	00.	00.0	00.	00.0
21	1	82	7	-12.4	-.03	.81	00.0	4.	.9	7.	00.0	00.	00.0	00.	00.0
21	1	82	8	-12.1	.05	.81	00.0	4.	1.2	3.	00.0	00.	00.0	00.	00.0
21	1	82	9	-11.9	-.01	.81	00.0	4.	1.4	2.	00.0	00.	00.0	00.	00.0
21	1	82	10	-10.8	-.11	.82	00.0	4.	1.0	2.	00.0	00.	00.0	00.	00.0
21	1	82	11	-9.8	-.15	.83	00.0	4.	1.1	2.	00.0	00.	00.0	00.	00.0
21	1	82	12	-9.4	.05	.83	00.0	4.	.6	5.	00.0	00.	00.0	00.	00.0
21	1	82	13	-9.2	.21	.84	00.0	4.	.8	3.	00.0	00.	00.0	00.	00.0
21	1	82	14	-8.3	-.10	.84	00.0	4.	.9	2.	00.0	00.	00.0	00.	00.0
21	1	82	15	-7.9	-.14	.85	00.0	4.	.9	3.	00.0	00.	00.0	00.	00.0
21	1	82	16	-8.1	-.02	.84	00.0	4.	.8	2.	00.0	00.	00.0	00.	00.0
21	1	82	17	-8.0	-.03	.84	00.0	4.	.9	2.	00.0	00.	00.0	00.	00.0
21	1	82	18	-7.9	-.07	.84	00.0	4.	0.0	37.	00.0	00.	00.0	00.	00.0
21	1	82	19	-7.6	-.09	.85	00.0	4.	.8	4.	00.0	00.	00.0	00.	00.0
21	1	82	20	-7.4	0.00	.85	00.0	4.	1.0	3.	00.0	00.	00.0	00.	00.0
21	1	82	21	-7.3	.04	.85	00.0	4.	.9	1.	00.0	00.	00.0	00.	00.0
21	1	82	22	-7.0	-.06	.85	00.0	4.	1.0	3.	00.0	00.	00.0	00.	00.0
21	1	82	23	-7.0	-.05	.85	00.0	4.	.7	4.	00.0	00.	00.0	00.	00.0
21	1	82	24	-6.9	-.03	.85	00.0	4.	1.0	3.	00.0	00.	00.0	00.	00.0
22	1	82	1	-6.6	-.01	.85	00.0	4.	.7	3.	00.0	00.	00.0	00.	00.0
22	1	82	2	-6.3	.00	.85	00.0	4.	1.0	2.	00.0	00.	00.0	00.	00.0
22	1	82	3	-6.1	-.02	.86	00.0	4.	1.1	2.	00.0	00.	00.0	00.	00.0
22	1	82	4	-6.1	-.05	.86	00.0	1030.	1.3	1.	00.0	00.	00.0	00.	00.0
22	1	82	5	-6.0	-.02	.86	00.0	33.	1.6	1.	00.0	00.	00.0	00.	00.0
22	1	82	6	-5.9	.00	.86	00.0	32.	1.0	2.	00.0	00.	00.0	00.	00.0
22	1	82	7	-5.6	.05	.86	00.0	32.	1.2	1.	00.0	00.	00.0	00.	00.0
22	1	82	8	-5.5	.02	.86	00.0	32.	1.2	1.	00.0	00.	00.0	00.	00.0
22	1	82	9	-5.4	.02	.86	00.0	32.	1.3	1.	00.0	00.	00.0	00.	00.0
22	1	82	10	-5.1	.03	.86	00.0	32.	1.4	1.	00.0	00.	00.0	00.	00.0
22	1	82	11	-4.7	-.04	.87	00.0	33.	1.6	1.	00.0	00.	00.0	00.	00.0
22	1	82	12	-4.5	.01	.87	00.0	32.	1.3	1.	00.0	00.	00.0	00.	00.0
22	1	82	13	-4.2	.03	.87	00.0	34.	1.3	2.	00.0	00.	00.0	00.	00.0
22	1	82	14	-3.9	.01	.88	00.0	34.	1.2	1.	00.0	00.	00.0	00.	00.0
22	1	82	15	-3.7	.03	.88	00.0	30.	1.2	2.	00.0	00.	00.0	00.	00.0
22	1	82	16	-3.6	.13	.88	00.0	30.	1.6	2.	00.0	00.	00.0	00.	00.0
22	1	82	17	-3.5	.10	.88	00.0	32.	1.7	2.	00.0	00.	00.0	00.	00.0
22	1	82	18	-3.2	-.00	.88	00.0	2.	1.9	1.	00.0	00.	00.0	00.	00.0
22	1	82	19	-3.1	.01	.88	00.0	2.	2.0	1.	00.0	00.	00.0	00.	00.0
22	1	82	20	-3.1	.02	.88	00.0	1.	1.4	1.	00.0	00.	00.0	00.	00.0
22	1	82	21	-3.1	-.03	.88	00.0	1.	1.7	1.	00.0	00.	00.0	00.	00.0
22	1	82	22	-3.2	-.03	.88	00.0	1.	.9	2.	00.0	00.	00.0	00.	00.0
22	1	82	23	-3.4	.03	.88	00.0	31.	1.2	3.	00.0	00.	00.0	00.	00.0
22	1	82	24	-3.4	-.01	.88	00.0	31.	.9	3.	00.0	00.	00.0	00.	00.0
23	1	82	1	-3.4	-.02	.88	00.0	30.	1.3	3.	00.0	00.	00.0	00.	00.0
23	1	82	2	-3.5	.01	.88	00.0	30.	.9	4.	00.0	00.	00.0	00.	00.0
23	1	82	3	-3.5	-.02	.88	00.0	29.	.6	4.	00.0	00.	00.0	00.	00.0
23	1	82	4	-4.0	.11	.87	00.0	29.	1.4	1.	00.0	00.	00.0	00.	00.0
23	1	82	5	-4.7	.23	.87	00.0	30.	1.0	3.	00.0	00.	00.0	00.	00.0
23	1	82	6	-5.3	.26	.86	00.0	30.	.9	2.	00.0	00.	00.0	00.	00.0
23	1	82	7	-5.8	.37	.86	00.0	29.	1.3	2.	00.0	00.	00.0	00.	00.0
23	1	82	8	-5.7	.28	.86	00.0	29.	1.2	1.	00.0	00.	00.0	00.	00.0
23	1	82	9	-6.5	.47	.85	00.0	29.	1.1	1.	00.0	00.	00.0	00.	00.0
23	1	82	10	-6.9	.35	.85	00.0	30.	.9	1.	00.0	00.	00.0	00.	00.0
23	1	82	11	-5.9	.31	.86	00.0	30.	.6	3.	00.0	00.	00.0	00.	00.0
23	1	82	12	-5.1	.10	.86	00.0	30.	0.0	37.	00.0	00.	00.0	00.	00.0
23	1	82	13	-4.1	.84	.88	00.0	28.	0.0	37.	00.0	00.	00.0	00.	00.0
23	1	82	14	-2.8	-.02	.90	00.0	29.	0.0	37.	00.0	00.	00.0	00.	00.0
23	1	82	15	-3.0	.24	.89	00.0	29.	0.0	37.	00.0	00.	00.0	00.	00.0
23	1	82	16	-4.3	.48	.88	00.0	29.	0.0	37.	00.0	00.	00.0	00.	00.0
23	1	82	17	-5.7	.38	.87	00.0	29.	0.0	37.	00.0	00.	00.0	00.	00.0
23	1	82	18	-4.9	.22	.87	00.0	29.	0.0	37.	00.0	00.	00.0	00.	00.0
23	1	82	19	-4.8	.21	.87	00.0	29.	0.0	37.	00.0	00.	00.0	00.	00.0
23	1	82	20	-4.6	.05	.87	00.0	29.	1.4	26.	00.0	00.	00.0	00.	00.0
23	1	82	21	-4.7	.08	.87	00.0	29.	.0	1.	00.0	00.	00.0	00.	00.0
23	1	82	22	-4.4	.01	.87	00.0	29.	0.0	37.	00.0	00.	00.0	00.	00.0
23	1	82	23	-4.3	-.03	.87	00.0	29.	0.0	37.	00.0	00.	00.0	00.	00.0
23	1	82	24	-4.4	.03	.87	00.0	29.	.6	38.	00.0	00.	00.0	00.	00.0

				T-RS	DT-RS	RH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
24	1	82	1	-4.6	.14	.87	99.0	29.	.7	27.	99.0	99.	99.0	99.	99.0
24	1	82	2	-4.5	.06	.87	99.0	29.	0.0	37.	99.0	99.	99.0	99.	99.0
24	1	82	3	-4.4	.05	.87	99.0	29.	1.9	2.	99.0	99.	99.0	99.	99.0
24	1	82	4	-4.3	-.02	.87	99.0	29.	1.6	1.	99.0	99.	99.0	99.	99.0
24	1	82	5	-4.4	-.02	.87	99.0	29.	1.3	1.	99.0	99.	99.0	99.	99.0
24	1	82	6	-4.4	.01	.87	99.0	29.	1.1	1.	99.0	99.	99.0	99.	99.0
24	1	82	7	-4.5	.01	.87	99.0	29.	1.0	2.	99.0	99.	99.0	99.	99.0
24	1	82	8	-4.6	.02	.87	99.0	29.	1.3	1.	99.0	99.	99.0	99.	99.0
24	1	82	9	-5.0	.12	.86	99.0	29.	1.3	1.	99.0	99.	99.0	99.	99.0
24	1	82	10	-5.3	.22	.86	99.0	29.	1.2	1.	99.0	99.	99.0	99.	99.0
24	1	82	11	-3.6	-.24	.87	99.0	29.	1.1	2.	99.0	99.	99.0	99.	99.0
24	1	82	12	-4.0	-.29	.88	99.0	29.	1.2	1.	99.0	99.	99.0	99.	99.0
24	1	82	13	-3.6	.62	.90	99.0	29.	.9	1.	99.0	99.	99.0	99.	99.0
24	1	82	14	-3.2	.22	.91	99.0	29.	.7	2.	99.0	99.	99.0	99.	99.0
24	1	82	15	-3.2	-.37	.91	99.0	29.	0.0	37.	99.0	99.	99.0	99.	99.0
24	1	82	16	-4.6	.08	.88	99.0	29.	0.0	37.	99.0	99.	99.0	99.	99.0
24	1	82	17	-4.8	.06	.87	99.0	29.	.7	2.	99.0	99.	99.0	99.	99.0
24	1	82	18	-5.1	.02	.87	99.0	29.	.7	1.	99.0	99.	99.0	99.	99.0
24	1	82	19	-5.4	.02	.86	99.0	29.	.7	14.	99.0	99.	99.0	99.	99.0
24	1	82	20	-5.9	.00	.86	99.0	29.	1.1	16.	99.0	99.	99.0	99.	99.0
24	1	82	21	-5.6	.00	.86	99.0	29.	1.0	17.	99.0	99.	99.0	99.	99.0
24	1	82	22	-5.5	.06	.86	99.0	29.	1.0	24.	99.0	99.	99.0	99.	99.0
24	1	82	23	-5.3	0.00	.86	99.0	29.	0.0	37.	99.0	99.	99.0	99.	99.0
24	1	82	24	-5.3	.07	.86	99.0	29.	1.4	1.	99.0	99.	99.0	99.	99.0
25	1	82	1	-5.1	-.02	.87	99.0	29.	.8	28.	99.0	99.	99.0	99.	99.0
25	1	82	2	-5.4	-.02	.86	99.0	29.	1.1	26.	99.0	99.	99.0	99.	99.0
25	1	82	3	-6.1	-.05	.86	99.0	29.	.8	29.	99.0	99.	99.0	99.	99.0
25	1	82	4	-6.6	-.06	.86	99.0	29.	1.2	1.	99.0	99.	99.0	99.	99.0
25	1	82	5	-6.9	-.06	.85	99.0	29.	1.4	1.	99.0	99.	99.0	99.	99.0
25	1	82	6	-7.1	-.04	.85	99.0	30.	1.0	1.	99.0	99.	99.0	99.	99.0
25	1	82	7	-7.1	-.05	.85	99.0	33.	.7	2.	99.0	99.	99.0	99.	99.0
25	1	82	8	-7.0	-.06	.85	99.0	34.	0.0	37.	99.0	99.	99.0	99.	99.0
25	1	82	9	-6.7	-.10	.86	99.0	34.	.7	27.	99.0	99.	99.0	99.	99.0
25	1	82	10	-6.2	-.15	.86	99.0	34.	1.2	3.	99.0	99.	99.0	99.	99.0
25	1	82	11	-5.4	-.23	.87	99.0	34.	1.5	2.	99.0	99.	99.0	99.	99.0
25	1	82	12	-4.6	-.31	.87	99.0	34.	1.4	1.	99.0	99.	99.0	99.	99.0
25	1	82	13	-3.5	-.15	.89	99.0	34.	1.1	1.	99.0	99.	99.0	99.	99.0
25	1	82	14	-3.5	.10	.89	99.0	34.	1.4	2.	99.0	99.	99.0	99.	99.0
25	1	82	15	-3.1	.39	.89	99.0	34.	1.7	1.	99.0	99.	99.0	99.	99.0
25	1	82	16	-3.1	.41	.88	99.0	34.	.9	1.	99.0	99.	99.0	99.	99.0
25	1	82	17	-3.4	.55	.88	99.0	34.	1.2	2.	99.0	99.	99.0	99.	99.0
25	1	82	18	-3.5	.18	.88	99.0	34.	1.1	1.	99.0	99.	99.0	99.	99.0
25	1	82	19	-3.4	.41	.88	99.0	34.	1.6	1.	99.0	99.	99.0	99.	99.0
25	1	82	20	-3.5	.38	.88	99.0	34.	1.1	1.	99.0	99.	99.0	99.	99.0
25	1	82	21	-3.6	.03	.87	99.0	34.	1.6	1.	99.0	99.	99.0	99.	99.0
25	1	82	22	-3.6	.06	.87	99.0	34.	1.1	1.	99.0	99.	99.0	99.	99.0
25	1	82	23	-3.7	-.02	.87	99.0	34.	1.0	2.	99.0	99.	99.0	99.	99.0
25	1	82	24	-3.6	.01	.87	99.0	34.	1.3	2.	99.0	99.	99.0	99.	99.0
26	1	82	1	-3.5	.02	.87	99.0	34.	1.5	1.	99.0	99.	99.0	99.	99.0
26	1	82	2	-3.5	0.00	.87	99.0	34.	1.1	2.	99.0	99.	99.0	99.	99.0
26	1	82	3	-3.7	.03	.87	99.0	34.	.9	2.	99.0	99.	99.0	99.	99.0
26	1	82	4	-3.4	.15	.87	99.0	34.	1.5	1.	99.0	99.	99.0	99.	99.0
26	1	82	5	-2.9	.04	.88	99.0	34.	1.5	1.	99.0	99.	99.0	99.	99.0
26	1	82	6	-2.8	-.03	.88	99.0	34.	1.0	1.	99.0	99.	99.0	99.	99.0
26	1	82	7	-2.5	-.10	.88	99.0	33.	1.3	1.	99.0	99.	99.0	99.	99.0
26	1	82	8	-2.3	-.12	.88	99.0	33.	1.8	1.	99.0	99.	99.0	99.	99.0
26	1	82	9	-2.1	-.05	.89	99.0	35.	1.8	1.	99.0	99.	99.0	99.	99.0
26	1	82	10	-2.2	-.08	.88	99.0	34.	1.6	1.	99.0	99.	99.0	99.	99.0
26	1	82	11	-1.8	-.10	.89	99.0	33.	1.6	1.	99.0	99.	99.0	99.	99.0
26	1	82	12	-1.3	-.04	.89	99.0	35.	1.2	1.	99.0	99.	99.0	99.	99.0
26	1	82	13	-1.0	-.17	.90	99.0	36.	1.4	1.	99.0	99.	99.0	99.	99.0
26	1	82	14	-.8	-.09	.90	99.0	3.	1.3	1.	99.0	99.	99.0	99.	99.0
26	1	82	15	-.6	-.09	.90	99.0	36.	.9	3.	99.0	99.	99.0	99.	99.0
26	1	82	16	-.8	-.07	.90	99.0	34.	.7	3.	99.0	99.	99.0	99.	99.0
26	1	82	17	-.7	.03	.90	99.0	2.	1.0	3.	99.0	99.	99.0	99.	99.0
26	1	82	18	-1.0	-.01	.89	99.0	5.	2.4	3.	99.0	99.	99.0	99.	99.0
26	1	82	19	-2.1	-.02	.89	99.0	2.	3.0	2.	99.0	99.	99.0	99.	99.0
26	1	82	20	-2.7	-.04	.90	99.0	2.	4.5	2.	99.0	99.	99.0	99.	99.0
26	1	82	21	-3.1	-.02	.90	99.0	2.	4.0	2.	99.0	99.	99.0	99.	99.0
26	1	82	22	-3.2	-.06	.90	99.0	1.	2.7	1.	99.0	99.	99.0	99.	99.0
26	1	82	23	-3.4	-.66	.86	99.0	3.	3.9	1.	99.0	99.	99.0	99.	99.0
26	1	82	24	-4.2	.24	.75	99.0	2.	2.8	36.	99.0	99.	99.0	99.	99.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
27	1	82	1	-4.2	.37	.44	99.0	1.	3.4	1.	99.0	99.	99.0	99.	99.0
27	1	82	2	-3.8	.31	.64	99.0	3.	2.5	36.	99.0	99.	99.0	99.	99.0
27	1	82	3	-4.8	.70	.66	99.0	34.	1.4	1.	99.0	99.	99.0	99.	99.0
27	1	82	4	-5.2	.53	.73	99.0	31.	1.4	36.	99.0	99.	99.0	99.	99.0
27	1	82	5	-5.6	.40	.77	99.0	30.	1.5	1.	99.0	99.	99.0	99.	99.0
27	1	82	6	-6.2	.46	.79	99.0	32.	1.6	35.	99.0	99.	99.0	99.	99.0
27	1	82	7	-7.1	.55	.81	99.0	32.	1.7	1.	99.0	99.	99.0	99.	99.0
27	1	82	8	-7.8	.75	.82	99.0	33.	2.1	2.	99.0	99.	99.0	99.	99.0
27	1	82	9	-8.5	.94	.82	99.0	33.	1.7	1.	99.0	99.	99.0	99.	99.0
27	1	82	10	-7.3	.85	.83	99.0	32.	1.6	2.	99.0	99.	99.0	99.	99.0
27	1	82	11	-5.3	.03	.79	99.0	32.	1.6	1.	99.0	99.	99.0	99.	99.0
27	1	82	12	-3.9	-.89	.73	99.0	32.	1.5	1.	99.0	99.	99.0	99.	99.0
27	1	82	13	-3.0	-.64	.67	99.0	32.	2.4	1.	99.0	99.	99.0	99.	99.0
27	1	82	14	-1.6	-.23	.63	99.0	31.	2.1	1.	99.0	99.	99.0	99.	99.0
27	1	82	15	-1.5	-.86	.65	99.0	1033.	2.3	34.	99.0	99.	99.0	99.	99.0
27	1	82	16	-1.5	.16	.61	99.0	32.	1.5	36.	99.0	99.	99.0	99.	99.0
27	1	82	17	-2.9	.29	.57	99.0	33.	2.6	29.	99.0	99.	99.0	99.	99.0
27	1	82	18	-4.3	.53	.60	3.8	33.	1.9	30.	99.0	99.	99.0	99.	99.0
27	1	82	19	-4.5	.38	.59	2.2	30.	1.6	36.	99.0	99.	99.0	99.	99.0
27	1	82	20	-4.3	.32	.58	3.9	31.	1.4	36.	99.0	99.	99.0	99.	99.0
27	1	82	21	-5.2	.52	.57	3.6	32.	1.0	36.	99.0	99.	99.0	99.	99.0
27	1	82	22	-6.2	.81	.58	3.5	31.	.8	0.	99.0	99.	99.0	99.	99.0
27	1	82	23	-6.6	.97	.58	3.8	31.	1.0	3.	99.0	99.	99.0	99.	99.0
27	1	82	24	-7.4	.95	.58	3.4	31.	.8	4.	99.0	99.	99.0	99.	99.0
28	1	82	1	-8.2	1.04	.58	3.2	31.	2.0	2.	99.0	99.	99.0	99.	99.0
28	1	82	2	-9.4	2.05	.58	2.7	33.	2.0	1.	99.0	99.	99.0	99.	99.0
28	1	82	3	-10.3	2.19	.57	2.3	33.	1.9	1.	99.0	99.	99.0	99.	99.0
28	1	82	4	-10.5	1.66	.58	1.9	35.	1.6	1.	99.0	99.	99.0	99.	99.0
28	1	82	5	-11.2	1.68	.57	1.3	31.	1.8	1.	99.0	99.	99.0	99.	99.0
28	1	82	6	-10.8	.89	.57	1.2	32.	1.6	1.	99.0	99.	99.0	99.	99.0
28	1	82	7	-10.7	1.61	.59	.8	1001.	2.6	1.	99.0	99.	99.0	99.	99.0
28	1	82	8	-10.2	.88	.79	.7	1012.	1.6	1.	99.0	99.	99.0	99.	99.0
28	1	82	9	-9.8	.83	.80	.7	15.	1.4	1.	99.0	99.	99.0	99.	99.0
28	1	82	10	-8.6	.76	.81	2.0	14.	1.5	1.	99.0	99.	99.0	99.	99.0
28	1	82	11	-6.9	.27	.83	3.3	13.	2.5	1.	99.0	99.	99.0	99.	99.0
28	1	82	12	-4.9	.24	.84	4.5	13.	1.7	1.	99.0	99.	99.0	99.	99.0
28	1	82	13	-2.0	0.00	.86	5.1	15.	2.0	15.	99.0	99.	99.0	99.	99.0
28	1	82	14	-1.2	-.04	.85	4.5	15.	2.5	16.	99.0	99.	99.0	99.	99.0
28	1	82	15	-1.1	-.05	.85	4.0	14.	2.1	15.	99.0	99.	99.0	99.	99.0
28	1	82	16	-3.4	-.05	.82	3.7	1031.	3.5	2.	99.0	99.	99.0	99.	99.0
28	1	82	17	-5.1	-.02	.81	3.5	31.	2.7	2.	99.0	99.	99.0	99.	99.0
28	1	82	18	-5.4	-.06	.80	2.6	31.	2.6	2.	99.0	99.	99.0	99.	99.0
28	1	82	19	-5.4	-.05	.80	1.9	33.	2.9	2.	99.0	99.	99.0	99.	99.0
28	1	82	20	-5.4	-.07	.80	2.0	33.	2.5	2.	99.0	99.	99.0	99.	99.0
28	1	82	21	-5.5	-.05	.80	2.3	34.	2.5	1.	99.0	99.	99.0	99.	99.0
28	1	82	22	-5.5	.00	.80	2.2	33.	2.4	1.	99.0	99.	99.0	99.	99.0
28	1	82	23	-5.4	-.03	.81	1.8	33.	2.6	1.	99.0	99.	99.0	99.	99.0
28	1	82	24	-5.5	-.01	.81	2.3	34.	2.8	1.	99.0	99.	99.0	99.	99.0
29	1	82	1	-5.3	-.00	.81	2.6	35.	2.4	1.	99.0	99.	99.0	99.	99.0
29	1	82	2	-5.5	-.08	.81	2.3	0.	2.6	1.	99.0	99.	99.0	99.	99.0
29	1	82	3	-5.5	-.07	.81	2.7	36.	2.3	1.	99.0	99.	99.0	99.	99.0
29	1	82	4	-5.4	.07	.80	2.8	35.	2.2	33.	99.0	99.	99.0	99.	99.0
29	1	82	5	-5.5	.04	.80	2.2	33.	1.6	1.	99.0	99.	99.0	99.	99.0
29	1	82	6	-5.5	.04	.79	1.8	32.	1.7	1.	99.0	99.	99.0	99.	99.0
29	1	82	7	-5.3	.11	.78	2.1	32.	1.8	2.	99.0	99.	99.0	99.	99.0
29	1	82	8	-6.4	.22	.78	2.4	33.	1.2	4.	99.0	99.	99.0	99.	99.0
29	1	82	9	-6.6	.28	.78	2.1	32.	1.5	2.	99.0	99.	99.0	99.	99.0
29	1	82	10	-4.9	-.19	.77	1.5	33.	1.6	3.	99.0	99.	99.0	99.	99.0
29	1	82	11	-4.0	-.37	.74	1.1	32.	.7	7.	99.0	99.	99.0	99.	99.0
29	1	82	12	-2.5	-1.04	.70	1.3	32.	0.0	37.	99.0	99.	99.0	99.	99.0
29	1	82	13	-2.6	-.45	.65	1.9	29.	1.1	3.	99.0	99.	99.0	99.	99.0
29	1	82	14	-2.3	-.47	.68	1.0	32.	1.9	2.	99.0	99.	99.0	99.	99.0
29	1	82	15	-3.4	-.16	.73	.3	30.	2.0	1.	99.0	99.	99.0	99.	99.0
29	1	82	16	-4.1	-.10	.78	.5	29.	2.1	1.	99.0	99.	99.0	99.	99.0
29	1	82	17	-5.4	.17	.81	.9	26.	1.8	1.	99.0	99.	99.0	99.	99.0
29	1	82	18	-6.0	.51	.83	.5	1024.	2.2	1.	99.0	99.	99.0	99.	99.0
29	1	82	19	-6.0	.62	.81	1.0	11.	2.2	2.	99.0	99.	99.0	99.	99.0
29	1	82	20	-5.8	.53	.80	1.9	13.	1.3	2.	99.0	99.	99.0	99.	99.0
29	1	82	21	-5.1	.34	.81	2.3	14.	1.9	1.	99.0	99.	99.0	99.	99.0
29	1	82	22	-5.0	.19	.82	1.9	13.	1.8	1.	99.0	99.	99.0	99.	99.0
29	1	82	23	-4.9	.18	.83	2.3	13.	1.2	3.	99.0	99.	99.0	99.	99.0
29	1	82	24	-4.9	.13	.83	3.2	13.	1.3	12.	99.0	99.	99.0	99.	99.0

				T-RS	DT-RS	RH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
30	1	82	1	-4.4	-.03	.83	4.0	13.	1.4	11.	00.0	00.	00.0	00.	00.0
30	1	82	2	-4.8	-.02	.83	3.0	12.	1.4	4.	00.0	00.	00.0	00.	00.0
30	1	82	3	-4.9	-.05	.83	2.8	11.	1.6	3.	00.0	00.	00.0	00.	00.0
30	1	82	4	-4.9	-.03	.83	1.5	10.	1.9	2.	00.0	00.	00.0	00.	00.0
30	1	82	5	-5.0	-.06	.83	1.1	3.	2.8	2.	00.0	00.	00.0	00.	00.0
30	1	82	6	-5.2	-.08	.82	.8	3.	2.8	2.	00.0	00.	00.0	00.	00.0
30	1	82	7	-5.2	-.08	.82	.9	2.	2.4	1.	00.0	00.	00.0	00.	00.0
30	1	82	8	-5.1	-.08	.82	2.2	36.	2.3	36.	00.0	00.	00.0	00.	00.0
30	1	82	9	-5.0	-.07	.82	2.0	33.	1.8	29.	00.0	00.	00.0	00.	00.0
30	1	82	10	-4.7	-.06	.83	2.9	32.	2.5	1.	00.0	00.	00.0	00.	00.0
30	1	82	11	-4.0	-.16	.83	2.5	34.	1.6	1.	00.0	00.	00.0	00.	00.0
30	1	82	12	-3.1	-.50	.82	1.6	34.	1.9	2.	00.0	00.	00.0	00.	00.0
30	1	82	13	-1.8	-.62	.79	.9	4.	1.8	2.	00.0	00.	00.0	00.	00.0
30	1	82	14	-1.3	-.62	.77	.9	22.	1.1	15.	00.0	00.	00.0	00.	00.0
30	1	82	15	-1.8	-.58	.76	1.2	18.	1.8	15.	00.0	00.	00.0	00.	00.0
30	1	82	16	-3.4	-.21	.80	1.9	15.	2.1	13.	00.0	00.	00.0	00.	00.0
30	1	82	17	-5.0	.18	.84	1.1	18.	1.6	13.	00.0	00.	00.0	00.	00.0
30	1	82	18	-5.8	.46	.84	.5	22.	1.2	13.	00.0	00.	00.0	00.	00.0
30	1	82	19	-6.1	.35	.83	2.0	31.	1.5	4.	00.0	00.	00.0	00.	00.0
30	1	82	20	-5.5	.10	.84	2.7	32.	1.5	2.	00.0	00.	00.0	00.	00.0
30	1	82	21	-6.0	-.00	.84	1.8	32.	1.7	3.	00.0	00.	00.0	00.	00.0
30	1	82	22	-6.7	.01	.83	3.0	32.	2.5	1.	00.0	00.	00.0	00.	00.0
30	1	82	23	-7.7	.10	.82	1.9	33.	1.9	1.	00.0	00.	00.0	00.	00.0
30	1	82	24	-8.9	.54	.80	1.3	34.	1.5	3.	00.0	00.	00.0	00.	00.0
31	1	82	1	-8.1	.82	.80	2.4	31.	.9	4.	00.0	00.	00.0	00.	00.0
31	1	82	2	-6.9	1.02	.77	4.0	33.	1.6	36.	00.0	00.	00.0	00.	00.0
31	1	82	3	-6.1	1.08	.73	4.3	33.	1.2	36.	00.0	00.	00.0	00.	00.0
31	1	82	4	-5.3	.65	.65	4.1	31.	.9	36.	00.0	00.	00.0	00.	00.0
31	1	82	5	-5.1	.73	.59	3.1	32.	.7	7.	00.0	00.	00.0	00.	00.0
31	1	82	6	-5.2	.67	.60	3.0	34.	1.7	3.	00.0	00.	00.0	00.	00.0
31	1	82	7	-6.1	.93	.66	3.0	33.	.9	1.	00.0	00.	00.0	00.	00.0
31	1	82	8	-5.7	.89	.63	3.5	33.	1.6	3.	00.0	00.	00.0	00.	00.0
31	1	82	9	-5.8	1.20	.66	4.3	32.	.8	4.	00.0	00.	00.0	00.	00.0
31	1	82	10	-4.3	1.17	.65	3.6	32.	.8	2.	00.0	00.	00.0	00.	00.0
31	1	82	11	-2.5	.41	.59	3.2	32.	.6	5.	00.0	00.	00.0	00.	00.0
31	1	82	12	-2.0	.31	.57	3.6	31.	2.1	1.	00.0	00.	00.0	00.	00.0
31	1	82	13	-1.2	-.61	.55	2.6	33.	2.3	1.	00.0	00.	00.0	00.	00.0
31	1	82	14	.7	-.48	.53	2.7	33.	1.3	1.	00.0	00.	00.0	00.	00.0
31	1	82	15	.3	-.16	.53	3.0	31.	1.5	1.	00.0	00.	00.0	00.	00.0
31	1	82	16	-.3	.06	.56	2.7	32.	1.8	1.	00.0	00.	00.0	00.	00.0
31	1	82	17	-3.0	.70	.66	2.1	34.	2.0	1.	00.0	00.	00.0	00.	00.0
31	1	82	18	-4.6	1.59	.74	1.6	34.	2.0	1.	00.0	00.	00.0	00.	00.0
31	1	82	19	-5.7	1.79	.75	2.8	34.	2.3	1.	00.0	00.	00.0	00.	00.0
31	1	82	20	-6.5	1.37	.78	2.5	33.	2.1	1.	00.0	00.	00.0	00.	00.0
31	1	82	21	-7.5	1.15	.82	2.9	33.	2.5	1.	00.0	00.	00.0	00.	00.0
31	1	82	22	-8.2	1.18	.82	2.5	33.	2.5	1.	00.0	00.	00.0	00.	00.0
31	1	82	23	-8.8	1.40	.82	2.5	33.	2.0	36.	00.0	00.	00.0	00.	00.0
31	1	82	24	-9.5	1.07	.82	2.0	33.	1.9	1.	00.0	00.	00.0	00.	00.0
1	2	82	1	-9.4	.91	.81	2.0	33.	1.8	1.	00.0	00.	00.0	00.	00.0
1	2	82	2	-10.2	1.12	.81	1.9	33.	1.8	1.	00.0	00.	00.0	00.	00.0
1	2	82	3	-10.3	.60	.81	2.1	32.	1.6	1.	00.0	00.	00.0	00.	00.0
1	2	82	4	-10.2	1.01	.81	2.1	33.	1.5	1.	00.0	00.	00.0	00.	00.0
1	2	82	5	-10.5	1.24	.80	2.1	34.	1.5	1.	00.0	00.	00.0	00.	00.0
1	2	82	6	-10.5	1.61	.80	1.8	34.	1.4	1.	00.0	00.	00.0	00.	00.0
1	2	82	7	-10.0	1.42	.80	1.7	33.	1.3	1.	00.0	00.	00.0	00.	00.0
1	2	82	8	-9.5	1.66	.81	.9	32.	1.4	1.	00.0	00.	00.0	00.	00.0
1	2	82	9	-9.5	1.80	.81	.9	32.	1.1	2.	00.0	00.	00.0	00.	00.0
1	2	82	10	-8.3	2.14	.81	1.1	21.	.9	1.	00.0	00.	00.0	00.	00.0
1	2	82	11	-6.0	1.87	.81	1.3	14.	.7	2.	00.0	00.	00.0	00.	00.0
1	2	82	12	-5.3	.99	.80	1.2	13.	1.2	2.	00.0	00.	00.0	00.	00.0
1	2	82	13	-4.5	.40	.80	1.7	14.	.7	2.	00.0	00.	00.0	00.	00.0
1	2	82	14	-3.8	.38	.80	1.7	14.	1.2	2.	00.0	00.	00.0	00.	00.0
1	2	82	15	-3.1	-.08	.82	2.4	13.	1.1	0.	00.0	00.	00.0	00.	00.0
1	2	82	16	-2.8	-.05	.84	3.1	13.	1.6	14.	00.0	00.	00.0	00.	00.0
1	2	82	17	-2.6	.03	.86	2.9	14.	1.7	14.	00.0	00.	00.0	00.	00.0
1	2	82	18	-2.1	.08	.85	1.6	14.	1.6	16.	00.0	00.	00.0	00.	00.0
1	2	82	19	-1.4	.06	.84	2.2	19.	1.5	15.	00.0	00.	00.0	00.	00.0
1	2	82	20	-1.0	-.03	.84	2.7	21.	2.2	16.	00.0	00.	00.0	00.	00.0
1	2	82	21	-.6	-.08	.84	3.6	21.	2.2	17.	00.0	00.	00.0	00.	00.0
1	2	82	22	-.3	-.05	.83	4.8	21.	2.6	17.	00.0	00.	00.0	00.	00.0
1	2	82	23	-.4	-.04	.83	3.9	20.	2.7	16.	00.0	00.	00.0	00.	00.0
1	2	82	24	-.3	-.06	.82	4.5	21.	2.1	16.	00.0	00.	00.0	00.	00.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
2	2	82	1	-.4	-.06	.83	5.3	21.	2.0	18.	00.0	00.	00.0	00.	00.0
2	2	82	2	-.4	-.05	.83	4.0	20.	3.2	18.	00.0	00.	00.0	00.	00.0
2	2	82	3	-.3	-.06	.82	3.0	21.	3.9	17.	00.0	00.	00.0	00.	00.0
2	2	82	4	-.3	-.05	.82	3.3	21.	2.5	18.	00.0	00.	00.0	00.	00.0
2	2	82	5	-.3	-.03	.82	3.7	21.	1.5	18.	00.0	00.	00.0	00.	00.0
2	2	82	6	-.3	-.03	.82	3.2	22.	1.5	17.	00.0	00.	00.0	00.	00.0
2	2	82	7	-.3	-.02	.83	2.7	21.	2.2	16.	00.0	00.	00.0	00.	00.0
2	2	82	8	-.4	-.04	.83	2.1	19.	2.0	16.	00.0	00.	00.0	00.	00.0
2	2	82	9	-.5	-.02	.83	2.6	16.	2.8	16.	00.0	00.	00.0	00.	00.0
2	2	82	10	-.5	-.03	.83	2.2	18.	2.8	17.	00.0	00.	00.0	00.	00.0
2	2	82	11	-.3	-.05	.82	2.3	20.	2.8	17.	00.0	00.	00.0	00.	00.0
2	2	82	12	-.2	-.05	.83	2.2	16.	2.2	16.	00.0	00.	00.0	00.	00.0
2	2	82	13	-.3	-.07	.84	2.0	16.	2.3	14.	00.0	00.	00.0	00.	00.0
2	2	82	14	-.3	-.09	.83	2.2	17.	2.5	14.	00.0	00.	00.0	00.	00.0
2	2	82	15	-.4	-.06	.83	1.6	15.	1.7	16.	00.0	00.	00.0	00.	00.0
2	2	82	16	-.4	-.06	.83	1.0	18.	1.9	14.	00.0	00.	00.0	00.	00.0
2	2	82	17	-.5	-.03	.83	1.6	18.	2.3	15.	00.0	00.	00.0	00.	00.0
2	2	82	18	-.9	-.00	.83	2.4	14.	2.2	13.	00.0	00.	00.0	00.	00.0
2	2	82	19	-.7	.05	.83	2.4	15.	2.6	14.	00.0	00.	00.0	00.	00.0
2	2	82	20	-.8	.00	.84	2.0	16.	2.1	13.	00.0	00.	00.0	00.	00.0
2	2	82	21	-.9	0.00	.83	2.1	15.	1.9	14.	00.0	00.	00.0	00.	00.0
2	2	82	22	-.9	-.03	.83	2.1	17.	1.8	14.	00.0	00.	00.0	00.	00.0
2	2	82	23	-.9	-.04	.83	1.7	18.	1.8	14.	00.0	00.	00.0	00.	00.0
2	2	82	24	-1.0	-.02	.83	1.3	17.	2.1	14.	00.0	00.	00.0	00.	00.0
3	2	82	1	-1.3	-.04	.83	2.0	17.	2.1	14.	00.0	00.	00.0	00.	00.0
3	2	82	2	-1.5	-.06	.83	1.4	18.	2.7	14.	00.0	00.	00.0	00.	00.0
3	2	82	3	-1.7	-.03	.83	1.3	17.	2.1	15.	00.0	00.	00.0	00.	00.0
3	2	82	4	-1.9	-.06	.82	1.5	19.	2.1	16.	00.0	00.	00.0	00.	00.0
3	2	82	5	-2.3	-.06	.82	1.4	19.	1.8	16.	00.0	00.	00.0	00.	00.0
3	2	82	6	-2.5	-.04	.82	1.1	22.	2.2	21.	00.0	00.	00.0	00.	00.0
3	2	82	7	-2.6	-.06	.81	1.2	23.	1.6	22.	00.0	00.	00.0	00.	00.0
3	2	82	8	-2.7	-.10	.80	.8	21.	1.3	24.	00.0	00.	00.0	00.	00.0
3	2	82	9	-2.8	-.13	.78	.9	20.	1.7	20.	00.0	00.	00.0	00.	00.0
3	2	82	10	-2.9	-.21	.77	1.3	20.	1.8	23.	00.0	00.	00.0	00.	00.0
3	2	82	11	-2.6	-.24	.75	1.5	23.	1.5	20.	00.0	00.	00.0	00.	00.0
3	2	82	12	-2.2	-.35	.74	1.2	22.	1.6	20.	00.0	00.	00.0	00.	00.0
3	2	82	13	-2.2	-.33	.72	1.2	22.	2.2	26.	00.0	00.	00.0	00.	00.0
3	2	82	14	-1.9	-.45	.71	.7	20.	2.1	26.	00.0	00.	00.0	00.	00.0
3	2	82	15	-2.2	-.38	.72	.7	1015.	1.5	26.	00.0	00.	00.0	00.	00.0
3	2	82	16	-3.2	-.16	.76	1.6	13.	2.1	12.	00.0	00.	00.0	00.	00.0
3	2	82	17	-3.4	-.11	.76	1.3	19.	2.5	14.	00.0	00.	00.0	00.	00.0
3	2	82	18	-3.5	-.09	.76	1.6	29.	3.1	26.	00.0	00.	00.0	00.	00.0
3	2	82	19	-3.5	-.06	.77	1.8	31.	2.5	26.	00.0	00.	00.0	00.	00.0
3	2	82	20	-3.5	-.05	.78	1.8	31.	1.3	28.	00.0	00.	00.0	00.	00.0
3	2	82	21	-3.4	-.06	.78	1.9	31.	1.1	29.	00.0	00.	00.0	00.	00.0
3	2	82	22	-3.4	-.06	.78	1.3	32.	.9	2.	00.0	00.	00.0	00.	00.0
3	2	82	23	-3.6	-.08	.78	1.7	32.	1.8	2.	00.0	00.	00.0	00.	00.0
3	2	82	24	-3.8	-.08	.79	1.0	34.	2.6	2.	00.0	00.	00.0	00.	00.0
4	2	82	1	-4.2	-.04	.79	1.5	35.	2.5	2.	00.0	00.	00.0	00.	00.0
4	2	82	2	-4.6	-.06	.80	1.6	1.	3.1	2.	00.0	00.	00.0	00.	00.0
4	2	82	3	-4.8	-.08	.79	2.4	0.	3.2	2.	00.0	00.	00.0	00.	00.0
4	2	82	4	-5.0	-.07	.79	2.0	0.	2.1	2.	00.0	00.	00.0	00.	00.0
4	2	82	5	-5.1	-.03	.80	1.4	1.	1.4	7.	00.0	00.	00.0	00.	00.0
4	2	82	6	-5.2	.03	.80	1.2	36.	2.1	6.	00.0	00.	00.0	00.	00.0
4	2	82	7	-5.1	-.03	.80	1.9	34.	1.9	32.	00.0	00.	00.0	00.	00.0
4	2	82	8	-5.1	-.07	.80	1.8	33.	2.1	32.	00.0	00.	00.0	00.	00.0
4	2	82	9	-5.2	-.08	.80	1.7	35.	2.6	2.	00.0	00.	00.0	00.	00.0
4	2	82	10	-5.1	-.17	.80	1.6	34.	3.4	2.	00.0	00.	00.0	00.	00.0
4	2	82	11	-4.8	-.18	.78	1.3	35.	3.3	2.	00.0	00.	00.0	00.	00.0
4	2	82	12	-4.4	-.26	.77	1.4	36.	3.1	2.	00.0	00.	00.0	00.	00.0
4	2	82	13	-4.1	-.25	.75	1.2	1.	2.6	1.	00.0	00.	00.0	00.	00.0
4	2	82	14	-3.4	-.24	.74	.7	2.	2.5	1.	00.0	00.	00.0	00.	00.0
4	2	82	15	-3.5	-.22	.74	.3	35.	2.3	2.	00.0	00.	00.0	00.	00.0
4	2	82	16	-3.8	-.18	.76	.5	1023.	1.7	2.	00.0	00.	00.0	00.	00.0
4	2	82	17	-4.3	-.11	.79	.9	23.	1.3	2.	00.0	00.	00.0	00.	00.0
4	2	82	18	-4.5	-.10	.80	1.0	22.	1.1	3.	00.0	00.	00.0	00.	00.0
4	2	82	19	-4.7	-.10	.81	1.0	25.	1.8	27.	00.0	00.	00.0	00.	00.0
4	2	82	20	-5.1	-.09	.82	.8	22.	2.2	26.	00.0	00.	00.0	00.	00.0
4	2	82	21	-5.2	-.09	.83	1.1	24.	2.1	26.	00.0	00.	00.0	00.	00.0
4	2	82	22	-5.3	-.08	.83	1.0	26.	2.1	26.	00.0	00.	00.0	00.	00.0
4	2	82	23	-5.5	-.06	.83	1.1	28.	2.1	26.	00.0	00.	00.0	00.	00.0
4	2	82	24	-5.8	-.05	.83	1.7	28.	2.3	2.	00.0	00.	00.0	00.	00.0

				T-RS	DT-RS	RH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
5	2	82	1	-6.2	.02	.83	2.2	31.	2.1	2.	00.0	00.	00.0	00.	00.0
5	2	82	2	-6.8	-.03	.81	2.1	34.	4.2	2.	00.0	00.	00.0	00.	00.0
5	2	82	3	-7.5	.01	.81	2.1	1.	4.3	2.	00.0	00.	00.0	00.	00.0
5	2	82	4	-7.9	-.04	.81	2.1	34.	3.8	2.	00.0	00.	00.0	00.	00.0
5	2	82	5	-8.2	-.03	.81	2.4	35.	2.9	2.	00.0	00.	00.0	00.	00.0
5	2	82	6	-7.9	-.02	.81	1.9	34.	2.6	2.	00.0	00.	00.0	00.	00.0
5	2	82	7	-7.9	-.05	.81	2.2	33.	2.5	2.	00.0	00.	00.0	00.	00.0
5	2	82	8	-7.9	-.05	.81	1.7	33.	2.3	2.	00.0	00.	00.0	00.	00.0
5	2	82	9	-8.0	-.07	.81	2.0	32.	2.9	2.	00.0	00.	00.0	00.	00.0
5	2	82	10	-7.8	-.11	.80	1.7	32.	2.4	2.	00.0	00.	00.0	00.	00.0
5	2	82	11	-7.8	-.12	.80	2.8	32.	2.8	2.	00.0	00.	00.0	00.	00.0
5	2	82	12	-7.1	-.19	.79	1.6	33.	3.1	1.	00.0	00.	00.0	00.	00.0
5	2	82	13	-6.5	-.20	.78	1.9	33.	3.1	1.	00.0	00.	00.0	00.	00.0
5	2	82	14	-5.8	-.26	.74	1.5	34.	3.2	2.	00.0	00.	00.0	00.	00.0
5	2	82	15	-5.6	-.33	.74	1.3	34.	2.7	1.	00.0	00.	00.0	00.	00.0
5	2	82	16	-5.7	-.38	.76	.8	1.	2.5	1.	00.0	00.	00.0	00.	00.0
5	2	82	17	-6.2	-.21	.78	.8	34.	2.7	1.	00.0	00.	00.0	00.	00.0
5	2	82	18	-6.3	-.12	.78	1.4	33.	2.8	1.	00.0	00.	00.0	00.	00.0
5	2	82	19	-6.5	-.11	.79	1.7	34.	3.6	1.	00.0	00.	00.0	00.	00.0
5	2	82	20	-6.6	-.11	.80	1.0	1.	3.0	1.	00.0	00.	00.0	00.	00.0
5	2	82	21	-6.7	.01	.81	2.0	34.	2.5	1.	00.0	00.	00.0	00.	00.0
5	2	82	22	-6.8	-.03	.80	1.7	34.	2.8	1.	00.0	00.	00.0	00.	00.0
5	2	82	23	-6.8	.00	.80	1.6	33.	2.3	1.	00.0	00.	00.0	00.	00.0
5	2	82	24	-6.8	-.12	.79	1.8	34.	2.7	1.	00.0	00.	00.0	00.	00.0
6	2	82	1	-6.4	.06	.81	1.3	31.	1.7	2.	00.0	00.	00.0	00.	00.0
6	2	82	2	-6.3	-.07	.82	2.0	32.	2.6	2.	00.0	00.	00.0	00.	00.0
6	2	82	3	-5.3	-.04	.83	1.0	1001.	1.9	2.	00.0	00.	00.0	00.	00.0
6	2	82	4	-4.8	.18	.83	.7	1032.	2.6	1.	00.0	00.	00.0	00.	00.0
6	2	82	5	-4.1	.11	.84	.8	1009.	2.1	1.	00.0	00.	00.0	00.	00.0
6	2	82	6	-4.0	-.08	.83	1.7	32.	2.9	1.	00.0	00.	00.0	00.	00.0
6	2	82	7	-3.9	-.05	.83	1.7	0.	2.7	1.	00.0	00.	00.0	00.	00.0
6	2	82	8	-4.2	-.04	.82	2.0	36.	2.1	2.	00.0	00.	00.0	00.	00.0
6	2	82	9	-4.5	-.06	.82	2.4	33.	2.2	1.	00.0	00.	00.0	00.	00.0
6	2	82	10	-4.4	-.07	.82	1.9	32.	2.5	1.	00.0	00.	00.0	00.	00.0
6	2	82	11	-4.1	-.15	.82	1.9	32.	1.6	2.	00.0	00.	00.0	00.	00.0
6	2	82	12	-3.1	-.52	.79	1.6	31.	1.1	2.	00.0	00.	00.0	00.	00.0
6	2	82	13	-1.4	-.96	.74	1.7	32.	1.3	3.	00.0	00.	00.0	00.	00.0
6	2	82	14	.9	-1.09	.68	1.0	29.	1.4	2.	00.0	00.	00.0	00.	00.0
6	2	82	15	.9	-.93	.68	.6	28.	1.8	2.	00.0	00.	00.0	00.	00.0
6	2	82	16	-1.8	-.06	.80	.7	28.	2.1	2.	00.0	00.	00.0	00.	00.0
6	2	82	17	-3.3	.11	.84	.6	28.	1.1	2.	00.0	00.	00.0	00.	00.0
6	2	82	18	-3.8	.36	.84	1.2	28.	2.5	2.	00.0	00.	00.0	00.	00.0
6	2	82	19	-3.7	.17	.82	2.7	28.	2.2	2.	00.0	00.	00.0	00.	00.0
6	2	82	20	-4.4	.29	.82	1.8	28.	1.4	2.	00.0	00.	00.0	00.	00.0
6	2	82	21	-5.2	.65	.83	1.0	28.	1.9	2.	00.0	00.	00.0	00.	00.0
6	2	82	22	-4.9	.28	.83	1.0	28.	2.1	1.	00.0	00.	00.0	00.	00.0
6	2	82	23	-4.5	.32	.82	1.8	28.	1.4	1.	00.0	00.	00.0	00.	00.0
6	2	82	24	-4.6	.06	.83	2.0	28.	1.8	1.	00.0	00.	00.0	00.	00.0
7	2	82	1	-4.4	-.01	.83	1.5	28.	1.7	3.	00.0	00.	00.0	00.	00.0
7	2	82	2	-4.4	.02	.83	1.7	28.	1.4	4.	00.0	00.	00.0	00.	00.0
7	2	82	3	-4.2	.01	.83	1.9	28.	2.3	2.	00.0	00.	00.0	00.	00.0
7	2	82	4	-3.7	-.03	.84	1.8	28.	2.9	2.	00.0	00.	00.0	00.	00.0
7	2	82	5	-4.0	-.11	.82	1.2	28.	2.1	2.	00.0	00.	00.0	00.	00.0
7	2	82	6	-4.2	-.18	.81	1.6	28.	1.3	2.	00.0	00.	00.0	00.	00.0
7	2	82	7	-4.0	-.08	.80	1.2	28.	1.6	2.	00.0	00.	00.0	00.	00.0
7	2	82	8	-4.0	-.00	.79	1.7	28.	1.7	2.	00.0	00.	00.0	00.	00.0
7	2	82	9	-3.8	-.05	.81	1.4	28.	1.4	3.	00.0	00.	00.0	00.	00.0
7	2	82	10	-5.3	-.16	.82	.6	28.	.8	3.	00.0	00.	00.0	00.	00.0
7	2	82	11	-2.4	-.29	.83	.4	28.	.7	6.	00.0	00.	00.0	00.	00.0
7	2	82	12	-2.0	-.23	.84	.5	28.	1.4	27.	00.0	00.	00.0	00.	00.0
7	2	82	13	-1.8	-.31	.84	.8	28.	1.2	12.	00.0	00.	00.0	00.	00.0
7	2	82	14	-2.0	-.18	.85	1.6	28.	1.7	12.	00.0	00.	00.0	00.	00.0
7	2	82	15	-2.4	-.10	.85	1.6	28.	2.1	14.	00.0	00.	00.0	00.	00.0
7	2	82	16	-2.5	-.04	.84	1.4	28.	1.9	14.	00.0	00.	00.0	00.	00.0
7	2	82	17	-2.8	.02	.83	1.2	28.	2.1	13.	00.0	00.	00.0	00.	00.0
7	2	82	18	-2.9	.04	.82	1.4	28.	1.9	13.	00.0	00.	00.0	00.	00.0
7	2	82	19	-3.2	-.03	.81	1.9	28.	1.5	12.	00.0	00.	00.0	00.	00.0
7	2	82	20	-3.4	-.03	.81	1.3	28.	1.5	12.	00.0	00.	00.0	00.	00.0
7	2	82	21	-3.5	-.03	.81	1.0	28.	.9	12.	00.0	00.	00.0	00.	00.0
7	2	82	22	-3.7	-.04	.81	1.0	28.	1.1	12.	00.0	00.	00.0	00.	00.0
7	2	82	23	-4.0	-.04	.81	1.4	28.	1.6	8.	00.0	00.	00.0	00.	00.0
7	2	82	24	-4.1	-.03	.81	1.2	28.	1.4	2.	00.0	00.	00.0	00.	00.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
8	2	82	1	-4.1	-.03	.81	1.2	23.	2.4	2.	00.0	00.	00.0	00.	00.0
8	2	32	2	-4.0	-.03	.81	1.8	28.	2.4	2.	00.0	00.	00.0	00.	00.0
8	2	82	3	-4.0	-.03	.81	1.3	23.	2.9	2.	00.0	00.	00.0	00.	00.0
8	2	82	4	-4.2	-.05	.81	1.8	28.	3.4	2.	00.0	00.	00.0	00.	00.0
8	2	82	5	-4.4	-.04	.81	1.7	23.	2.9	2.	00.0	00.	00.0	00.	00.0
8	2	82	6	-4.5	-.04	.81	1.1	28.	3.8	3.	00.0	00.	00.0	00.	00.0
8	2	82	7	-4.6	-.03	.81	1.9	28.	3.7	2.	00.0	00.	00.0	00.	00.0
8	2	82	8	-4.7	-.03	.81	1.7	28.	3.9	2.	00.0	00.	00.0	00.	00.0
8	2	82	9	-4.8	-.04	.81	1.9	28.	3.3	2.	00.0	00.	00.0	00.	00.0
8	2	32	10	-4.8	-.06	.81	2.7	28.	3.6	2.	00.0	00.	00.0	00.	00.0
8	2	82	11	-4.6	-.08	.81	2.4	23.	2.7	3.	00.0	00.	00.0	00.	00.0
8	2	82	12	-4.5	-.10	.82	2.3	28.	4.1	2.	00.0	00.	00.0	00.	00.0
8	2	82	13	-4.5	-.11	.82	2.4	28.	3.4	2.	00.0	00.	00.0	00.	00.0
8	2	82	14	-4.4	-.18	.82	1.7	28.	3.0	3.	00.0	00.	00.0	00.	00.0
8	2	82	15	-4.6	-.18	.82	1.7	28.	3.6	3.	00.0	00.	00.0	00.	00.0
8	2	82	16	-4.9	-.14	.82	2.4	28.	2.4	3.	00.0	00.	00.0	00.	00.0
8	2	82	17	-5.1	-.12	.81	1.7	28.	3.3	2.	00.0	00.	00.0	00.	00.0
8	2	82	18	-5.2	-.08	.81	1.0	28.	2.7	2.	00.0	00.	00.0	00.	00.0
8	2	82	19	-5.3	-.12	.81	1.1	28.	2.5	2.	00.0	00.	00.0	00.	00.0
8	2	82	20	-5.4	-.18	.80	1.1	28.	2.9	2.	00.0	00.	00.0	00.	00.0
8	2	82	21	-5.4	-.15	.81	1.0	28.	1.9	2.	00.0	00.	00.0	00.	00.0
8	2	82	22	-5.3	-.12	.81	.5	28.	2.4	3.	00.0	00.	00.0	00.	00.0
8	2	82	23	-5.3	-.08	.81	.7	28.	2.4	1.	00.0	00.	00.0	00.	00.0
8	2	32	24	-5.2	-.05	.81	.9	28.	2.5	1.	00.0	00.	00.0	00.	00.0
9	2	82	1	-5.1	-.01	.81	.5	28.	1.7	2.	00.0	00.	00.0	00.	00.0
9	2	82	2	-4.7	.07	.81	1.2	28.	.9	4.	00.0	00.	00.0	00.	00.0
9	2	82	3	-3.9	.17	.82	1.5	28.	.9	20.	00.0	00.	00.0	00.	00.0
9	2	82	4	-3.6	.61	.82	.5	28.	.6	20.	00.0	00.	00.0	00.	00.0
9	2	82	5	-2.4	.38	.82	2.0	28.	1.1	8.	00.0	00.	00.0	00.	00.0
9	2	82	6	-.9	.03	.82	2.8	1027.	1.9	17.	00.0	00.	00.0	00.	00.0
9	2	82	7	-.4	-.01	.82	4.0	18.	3.7	17.	00.0	00.	00.0	00.	00.0
9	2	82	8	-.4	-.03	.82	3.6	17.	4.1	16.	00.0	00.	00.0	00.	00.0
9	2	82	9	-.3	-.02	.82	4.5	17.	4.7	16.	00.0	00.	00.0	00.	00.0
9	2	82	10	-.3	-.04	.82	4.8	17.	3.8	16.	00.0	00.	00.0	00.	00.0
9	2	82	11	-.3	-.03	.82	4.2	16.	2.9	16.	00.0	00.	00.0	00.	00.0
9	2	82	12	-.3	-.03	.82	4.0	16.	2.9	14.	00.0	00.	00.0	00.	00.0
9	2	82	13	-.2	.01	.81	3.7	14.	2.2	13.	00.0	00.	00.0	00.	00.0
9	2	82	14	-.1	.01	.82	2.3	13.	2.1	14.	00.0	00.	00.0	00.	00.0
9	2	82	15	.1	-.06	.82	1.6	15.	1.4	13.	00.0	00.	00.0	00.	00.0
9	2	82	16	.2	-.05	.83	1.1	1008.	1.1	4.	00.0	00.	00.0	00.	00.0
9	2	82	17	.1	.07	.84	.5	5.	1.3	4.	00.0	00.	00.0	00.	00.0
9	2	82	18	.0	.03	.84	1.7	30.	1.5	32.	00.0	00.	00.0	00.	00.0
9	2	82	19	-.1	0.00	.84	2.1	31.	1.6	30.	00.0	00.	00.0	00.	00.0
9	2	82	20	-.1	.00	.84	2.3	31.	1.9	26.	00.0	00.	00.0	00.	00.0
9	2	82	21	-.2	.03	.84	1.8	30.	.9	28.	00.0	00.	00.0	00.	00.0
9	2	82	22	-.2	-.01	.84	1.0	28.	1.2	26.	00.0	00.	00.0	00.	00.0
9	2	82	23	-.3	.06	.84	.0	26.	1.5	27.	00.0	00.	00.0	00.	00.0
9	2	82	24	-.2	.07	.84	.5	2.	1.2	10.	00.0	00.	00.0	00.	00.0
10	2	82	1	-.2	.03	.84	.1	11.	.9	13.	00.0	00.	00.0	00.	00.0
10	2	82	2	-.3	.02	.84	1.7	11.	.9	6.	00.0	00.	00.0	00.	00.0
10	2	82	3	-.2	.02	.83	1.3	9.	1.0	2.	00.0	00.	00.0	00.	00.0
10	2	32	4	-.1	.04	.83	.3	1008.	1.6	3.	00.0	00.	00.0	00.	00.0
10	2	82	5	-.1	.08	.84	.0	1009.	1.1	2.	00.0	00.	00.0	00.	00.0
10	2	82	6	-.1	.06	.84	.0	32.	1.2	4.	00.0	00.	00.0	00.	00.0
10	2	82	7	-.1	.04	.84	1.0	30.	1.7	32.	00.0	00.	00.0	00.	00.0
10	2	82	8	-.0	.02	.84	2.0	33.	2.3	2.	00.0	00.	00.0	00.	00.0
10	2	82	9	.1	-.07	.85	1.7	33.	1.7	2.	00.0	00.	00.0	00.	00.0
10	2	82	10	.3	-.16	.84	.6	29.	1.4	2.	00.0	00.	00.0	00.	00.0
10	2	82	11	.6	-.16	.85	.0	30.	.0	12.	00.0	00.	00.0	00.	00.0
10	2	82	12	1.2	-.31	.85	.5	32.	1.5	3.	00.0	00.	00.0	00.	00.0
10	2	82	13	.8	-.16	.85	1.0	35.	1.9	2.	00.0	00.	00.0	00.	00.0
10	2	82	14	.7	-.07	.85	.4	1004.	1.4	2.	00.0	00.	00.0	00.	00.0
10	2	82	15	.6	-.02	.84	.6	12.	1.1	3.	00.0	00.	00.0	00.	00.0
10	2	82	16	.4	.01	.84	1.2	14.	.7	6.	00.0	00.	00.0	00.	00.0
10	2	82	17	.3	.06	.84	1.2	12.	.6	6.	00.0	00.	00.0	00.	00.0
10	2	82	18	.2	.04	.84	2.6	12.	1.2	12.	00.0	00.	00.0	00.	00.0
10	2	82	19	.2	.04	.84	2.5	14.	1.0	14.	00.0	00.	00.0	00.	00.0
10	2	82	20	.2	.21	.84	2.1	15.	1.5	13.	00.0	00.	00.0	00.	00.0
10	2	82	21	.2	.05	.84	2.7	13.	1.7	13.	00.0	00.	00.0	00.	00.0
10	2	82	22	.2	.17	.85	1.2	17.	1.2	12.	00.0	00.	00.0	00.	00.0
10	2	82	23	.2	.26	.84	1.2	14.	1.1	8.	00.0	00.	00.0	00.	00.0
10	2	82	24	.1	.06	.86	2.0	12.	1.1	10.	00.0	00.	00.0	00.	00.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
11	2	82	1	.0	.01	.87	2.0	11.	1.4	10.	00.0	00.	00.0	00.	00.0
11	2	82	2	.2	.07	.87	2.0	12.	1.7	16.	00.0	00.	00.0	00.	00.0
11	2	82	3	.1	.05	.87	2.1	12.	1.5	14.	00.0	00.	00.0	00.	00.0
11	2	82	4	.0	.05	.87	2.0	13.	1.1	12.	00.0	00.	00.0	00.	00.0
11	2	82	5	.1	.02	.87	1.7	13.	1.1	8.	00.0	00.	00.0	00.	00.0
11	2	82	6	.0	.02	.87	1.4	12.	1.2	14.	00.0	00.	00.0	00.	00.0
11	2	82	7	.2	.06	.86	2.3	13.	1.3	15.	00.0	00.	00.0	00.	00.0
11	2	82	8	.4	.08	.86	2.3	14.	1.6	16.	00.0	00.	00.0	00.	00.0
11	2	82	9	.5	.08	.86	.8	10.	.9	10.	00.0	00.	00.0	00.	00.0
11	2	82	10	.8	.05	.86	1.1	4.	1.7	2.	00.0	00.	00.0	00.	00.0
11	2	82	11	.9	.03	.86	1.1	1034.	1.5	2.	00.0	00.	00.0	00.	00.0
11	2	82	12	1.0	-.03	.86	.7	15.	1.1	16.	00.0	00.	00.0	00.	00.0
11	2	82	13	.8	-.05	.86	1.0	18.	1.6	16.	00.0	00.	00.0	00.	00.0
11	2	82	14	.6	-.05	.86	1.4	18.	1.7	16.	00.0	00.	00.0	00.	00.0
11	2	82	15	.4	-.01	.86	1.4	14.	1.7	16.	00.0	00.	00.0	00.	00.0
11	2	82	16	.3	.01	.86	1.9	15.	1.9	16.	00.0	00.	00.0	00.	00.0
11	2	82	17	-.2	.00	.86	2.1	12.	1.9	13.	00.0	00.	00.0	00.	00.0
11	2	82	18	-.0	.04	.86	2.6	13.	1.6	14.	00.0	00.	00.0	00.	00.0
11	2	82	19	.2	.04	.86	2.7	13.	1.6	13.	00.0	00.	00.0	00.	00.0
11	2	82	20	.4	.04	.87	3.1	13.	2.6	14.	00.0	00.	00.0	00.	00.0
11	2	82	21	.4	.05	.87	2.8	13.	2.5	14.	00.0	00.	00.0	00.	00.0
11	2	82	22	.9	.06	.87	2.7	15.	2.1	15.	00.0	00.	00.0	00.	00.0
11	2	82	23	1.3	.02	.87	2.8	17.	2.8	16.	00.0	00.	00.0	00.	00.0
11	2	82	24	1.2	.04	.87	2.7	17.	1.7	16.	00.0	00.	00.0	00.	00.0
12	2	82	1	1.1	.05	.87	2.1	16.	1.6	15.	00.0	00.	00.0	00.	00.0
12	2	82	2	1.1	.06	.87	2.0	18.	1.6	15.	00.0	00.	00.0	00.	00.0
12	2	82	3	1.2	.06	.87	1.4	25.	1.8	24.	00.0	00.	00.0	00.	00.0
12	2	82	4	1.3	.08	.87	1.7	28.	1.6	26.	00.0	00.	00.0	00.	00.0
12	2	82	5	.7	.38	.87	.7	14.	1.3	24.	00.0	00.	00.0	00.	00.0
12	2	82	6	1.0	.22	.87	2.4	25.	1.4	29.	00.0	00.	00.0	00.	00.0
12	2	82	7	.1	.39	.87	.8	22.	1.1	26.	00.0	00.	00.0	00.	00.0
12	2	82	8	-.2	.51	.88	1.4	20.	2.3	16.	00.0	00.	00.0	00.	00.0
12	2	82	9	.7	.07	.86	1.8	18.	1.8	16.	00.0	00.	00.0	00.	00.0
12	2	82	10	2.7	-.53	.86	1.6	19.	1.6	16.	00.0	00.	00.0	00.	00.0
12	2	82	11	4.0	-.74	.75	1.5	14.	1.5	14.	00.0	00.	00.0	00.	00.0
12	2	82	12	2.9	-.28	.77	2.1	12.	2.0	14.	00.0	00.	00.0	00.	00.0
12	2	82	13	3.9	-.38	.73	1.8	17.	1.9	16.	00.0	00.	00.0	00.	00.0
12	2	82	14	5.8	-.51	.62	2.3	22.	3.1	24.	00.0	00.	00.0	00.	00.0
12	2	82	15	5.6	-.29	.60	2.7	23.	2.7	24.	00.0	00.	00.0	00.	00.0
12	2	82	16	4.9	-.18	.60	2.9	1023.	2.4	23.	00.0	00.	00.0	00.	00.0
12	2	82	17	2.0	.66	.80	2.8	16.	2.6	16.	00.0	00.	00.0	00.	00.0
12	2	82	18	1.1	.43	.87	2.6	14.	2.1	14.	00.0	00.	00.0	00.	00.0
12	2	82	19	1.8	.08	.85	2.4	19.	2.3	15.	00.0	00.	00.0	00.	00.0
12	2	82	20	1.6	.04	.86	2.8	18.	2.1	14.	00.0	00.	00.0	00.	00.0
12	2	82	21	.5	.06	.89	2.8	14.	2.9	14.	00.0	00.	00.0	00.	00.0
12	2	82	22	.6	.06	.88	2.6	13.	2.9	14.	00.0	00.	00.0	00.	00.0
12	2	82	23	.9	.05	.86	2.9	18.	3.0	16.	00.0	00.	00.0	00.	00.0
12	2	82	24	.9	.02	.83	3.5	18.	4.0	16.	00.0	00.	00.0	00.	00.0
13	2	82	1	.8	-.01	.83	3.7	18.	4.1	16.	00.0	00.	00.0	00.	00.0
13	2	82	2	.8	0.00	.83	3.6	18.	3.7	16.	00.0	00.	00.0	00.	00.0
13	2	82	3	1.0	-.00	.83	3.7	17.	3.3	16.	00.0	00.	00.0	00.	00.0
13	2	82	4	.9	.03	.83	3.9	16.	2.9	16.	00.0	00.	00.0	00.	00.0
13	2	82	5	1.2	0.00	.81	3.9	17.	4.1	16.	00.0	00.	00.0	00.	00.0
13	2	82	6	1.4	.00	.81	3.9	19.	3.7	16.	00.0	00.	00.0	00.	00.0
13	2	82	7	1.6	.01	.81	4.3	19.	3.9	16.	00.0	00.	00.0	00.	00.0
13	2	82	8	1.7	.02	.82	4.1	18.	3.8	16.	00.0	00.	00.0	00.	00.0
13	2	82	9	1.8	.01	.81	4.5	19.	3.9	16.	00.0	00.	00.0	00.	00.0
13	2	82	10	1.8	0.00	.82	4.3	18.	4.1	16.	00.0	00.	00.0	00.	00.0
13	2	82	11	00.0	-.01	.81	3.5	18.	4.5	16.	00.0	00.	00.0	00.	00.0
13	2	82	12	1.7	-.02	.83	4.0	16.	4.3	16.	00.0	00.	00.0	00.	00.0
13	2	82	13	1.7	-.01	.83	4.2	17.	4.3	16.	00.0	00.	00.0	00.	00.0
13	2	82	14	1.9	.00	.83	4.5	17.	4.5	16.	00.0	00.	00.0	00.	00.0
13	2	82	15	2.1	0.00	.82	4.7	17.	4.3	16.	00.0	00.	00.0	00.	00.0
13	2	82	16	2.0	.03	.82	3.1	17.	2.5	16.	00.0	00.	00.0	00.	00.0
13	2	82	17	2.1	.03	.81	2.8	17.	2.3	15.	00.0	00.	00.0	00.	00.0
13	2	82	18	2.1	.05	.81	2.5	16.	2.1	15.	00.0	00.	00.0	00.	00.0
13	2	82	19	1.8	.11	.82	2.7	15.	2.8	15.	00.0	00.	00.0	00.	00.0
13	2	82	20	1.6	.08	.83	2.8	15.	3.3	15.	00.0	00.	00.0	00.	00.0
13	2	82	21	1.4	.06	.82	2.7	15.	2.8	14.	00.0	00.	00.0	00.	00.0
13	2	82	22	1.1	.06	.83	3.1	14.	2.9	14.	00.0	00.	00.0	00.	00.0
13	2	82	23	1.1	.06	.84	3.2	15.	3.2	14.	00.0	00.	00.0	00.	00.0
13	2	82	24	1.1	.05	.85	3.2	15.	2.1	14.	00.0	00.	00.0	00.	00.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
14	2	82	1	1.2	.03	.86	2.9	15.	2.1	15.	00.0	00.	00.0	00.	00.0
14	2	82	2	1.1	.05	.86	3.1	15.	1.9	14.	00.0	00.	00.0	00.	00.0
14	2	82	3	.9	.04	.86	3.0	15.	2.3	14.	00.0	00.	00.0	00.	00.0
14	2	82	4	.7	.04	.86	3.0	14.	2.1	13.	00.0	00.	00.0	00.	00.0
14	2	82	5	.6	.03	.86	3.4	13.	1.8	13.	00.0	00.	00.0	00.	00.0
14	2	82	6	.7	.04	.87	3.7	13.	2.5	14.	00.0	00.	00.0	00.	00.0
14	2	82	7	.5	.04	.87	3.3	13.	2.9	14.	00.0	00.	00.0	00.	00.0
14	2	82	8	.4	.05	.87	3.1	14.	2.8	15.	00.0	00.	00.0	00.	00.0
14	2	82	9	.3	.05	.87	3.2	13.	1.9	13.	00.0	00.	00.0	00.	00.0
14	2	82	10	.3	.07	.87	2.7	14.	1.6	13.	00.0	00.	00.0	00.	00.0
14	2	82	11	-.0	.04	.87	2.3	13.	2.1	13.	00.0	00.	00.0	00.	00.0
14	2	82	12	-.0	.02	.87	2.4	12.	1.7	13.	00.0	00.	00.0	00.	00.0
14	2	82	13	.0	-.02	.87	2.6	13.	1.7	14.	00.0	00.	00.0	00.	00.0
14	2	82	14	-.1	-.05	.87	1.7	12.	1.6	14.	00.0	00.	00.0	00.	00.0
14	2	82	15	.0	-.05	.87	1.3	11.	1.3	12.	00.0	00.	00.0	00.	00.0
14	2	82	16	.1	-.02	.87	1.0	12.	1.7	13.	00.0	00.	00.0	00.	00.0
14	2	82	17	.2	.05	.87	1.0	10.	.9	12.	00.0	00.	00.0	00.	00.0
14	2	82	18	.2	.10	.87	1.0	9.	1.1	2.	00.0	00.	00.0	00.	00.0
14	2	82	19	.3	.07	.87	1.3	10.	1.1	7.	00.0	00.	00.0	00.	00.0
14	2	82	20	.3	.08	.88	1.2	1009.	1.1	3.	00.0	00.	00.0	00.	00.0
14	2	82	21	.1	.13	.87	.6	1014.	1.1	20.	00.0	00.	00.0	00.	00.0
14	2	82	22	.2	.12	.87	.5	20.	.9	28.	00.0	00.	00.0	00.	00.0
14	2	82	23	.2	.02	.87	1.5	31.	2.1	26.	00.0	00.	00.0	00.	00.0
14	2	82	24	.1	.06	.87	.5	28.	1.1	27.	00.0	00.	00.0	00.	00.0
15	2	82	1	.1	.08	.87	.8	29.	1.3	25.	00.0	00.	00.0	00.	00.0
15	2	82	2	.2	.01	.87	2.1	31.	2.1	30.	00.0	00.	00.0	00.	00.0
15	2	82	3	.1	0.00	.87	2.6	32.	2.3	32.	00.0	00.	00.0	00.	00.0
15	2	82	4	-.1	-.01	.87	2.7	31.	1.7	28.	00.0	00.	00.0	00.	00.0
15	2	82	5	.1	.01	.87	2.6	31.	2.1	29.	00.0	00.	00.0	00.	00.0
15	2	82	6	.2	.01	.87	3.3	32.	2.4	30.	00.0	00.	00.0	00.	00.0
15	2	82	7	-.0	0.00	.86	3.5	32.	1.9	32.	00.0	00.	00.0	00.	00.0
15	2	82	8	-.4	.03	.84	2.3	31.	1.7	36.	00.0	00.	00.0	00.	00.0
15	2	82	9	-.3	-.01	.84	2.8	33.	2.1	32.	00.0	00.	00.0	00.	00.0
15	2	82	10	1.1	-.24	.79	3.3	32.	2.1	3.	00.0	00.	00.0	00.	0.0
15	2	82	11	2.7	-.48	.73	2.7	33.	1.7	3.	00.0	00.	00.0	00.	0.0
15	2	82	12	3.9	-.78	.65	2.1	32.	2.1	2.	00.0	00.	00.0	00.	0.0
15	2	82	13	5.4	-.89	.55	2.0	32.	1.5	3.	00.0	00.	00.0	00.	0.0
15	2	82	14	6.8	-.79	.52	2.0	32.	1.4	32.	00.0	00.	00.0	00.	0.0
15	2	82	15	6.5	-.72	.58	1.6	33.	1.9	32.	00.0	00.	00.0	00.	0.0
15	2	82	16	-.5	.84	.86	1.5	10.	2.4	18.	00.0	00.	00.0	00.	0.0
15	2	82	17	-2.1	1.05	.89	.7	34.	1.7	16.	00.0	00.	00.0	00.	0.0
15	2	82	18	-2.9	2.16	.88	1.1	35.	.7	17.	00.0	00.	00.0	00.	0.0
15	2	82	19	-1.8	1.21	.87	2.7	34.	.3	2.	00.0	00.	00.0	00.	0.0
15	2	82	20	-1.1	.67	.85	3.8	34.	.7	2.	00.0	00.	00.0	00.	0.0
15	2	82	21	-1.3	.41	.82	3.2	34.	.8	2.	00.0	00.	00.0	00.	0.0
15	2	82	22	-1.7	.41	.81	4.1	33.	1.4	2.	00.0	00.	00.0	00.	0.0
15	2	82	23	-2.3	.44	.83	3.0	34.	1.3	1.	00.0	00.	00.0	00.	0.0
15	2	82	24	-2.4	.34	.80	3.2	33.	1.6	1.	00.0	00.	00.0	00.	0.0
16	2	82	1	-2.8	.31	.78	3.0	34.	1.9	2.	00.0	00.	00.0	00.	0.0
16	2	82	2	-3.2	.29	.78	3.1	34.	2.2	2.	00.0	00.	00.0	00.	0.0
16	2	82	3	-3.6	.27	.75	3.4	34.	2.1	2.	00.0	00.	00.0	00.	0.0
16	2	82	4	-4.0	.26	.74	3.4	34.	2.5	1.	00.0	00.	00.0	00.	0.0
16	2	82	5	-4.4	.30	.75	3.5	34.	2.6	2.	00.0	00.	00.0	00.	0.0
16	2	82	6	-4.8	.30	.75	3.2	34.	2.6	2.	00.0	00.	00.0	00.	0.0
16	2	82	7	-5.8	.55	.78	2.4	34.	2.7	1.	00.0	00.	00.0	00.	0.0
16	2	82	8	-5.5	.26	.75	2.9	33.	2.6	1.	00.0	00.	00.0	00.	0.0
16	2	82	9	-4.5	-.02	.71	3.2	33.	2.8	1.	00.0	00.	00.0	00.	0.0
16	2	82	10	-2.3	-.42	.64	2.2	34.	2.9	2.	00.0	00.	00.0	00.	0.0
16	2	82	11	-.8	-.69	.60	1.9	33.	3.1	2.	00.0	00.	00.0	00.	0.0
16	2	82	12	-.2	-.76	.54	2.2	33.	3.4	2.	00.0	00.	00.0	00.	0.0
16	2	82	13	1.5	-.74	.46	2.4	34.	3.4	2.	00.0	00.	00.0	00.	0.0
16	2	82	14	4.1	-.93	.38	1.8	32.	2.8	3.	00.0	00.	00.0	00.	0.0
16	2	82	15	5.5	-1.54	.28	.7	33.	2.1	3.	00.0	00.	00.0	00.	0.0
16	2	82	16	.9	-.29	.54	1.4	13.	1.6	10.	00.0	00.	00.0	00.	0.0
16	2	82	17	-3.3	.02	.88	2.9	12.	1.9	13.	00.0	00.	00.0	00.	0.0
16	2	82	18	-3.3	-.00	.88	2.2	13.	1.8	12.	00.0	00.	00.0	00.	0.0
16	2	82	19	-3.4	.01	.87	1.5	13.	1.6	14.	00.0	00.	00.0	00.	0.0
16	2	82	20	-3.7	.02	.87	.9	1015.	1.3	12.	00.0	00.	00.0	00.	0.0
16	2	82	21	-4.1	-.01	.86	.4	4.	.9	12.	00.0	00.	00.0	00.	0.0
16	2	82	22	-4.2	.01	.86	.9	1.	2.3	2.	00.0	00.	00.0	00.	0.0
16	2	82	23	-4.2	-.01	.86	1.2	32.	2.1	2.	00.0	00.	00.0	00.	0.0
16	2	82	24	-5.5	.08	.84	.5	32.	1.8	2.	00.0	00.	00.0	00.	0.0

				T-RS	DT-RS	RH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
17	2	82	1	-6.4	.22	.83	.4	1011.	1.3	2.	00.0	00.	00.0	00.	0.0
17	2	82	2	-6.9	.21	.82	.4	1009.	1.7	1.	00.0	00.	00.0	00.	0.0
17	2	82	3	-7.3	.29	.81	.9	1031.	1.5	1.	00.0	00.	00.0	00.	0.0
17	2	82	4	-7.3	.26	.81	2.4	33.	2.5	1.	00.0	00.	00.0	00.	0.0
17	2	82	5	-7.6	.59	.80	2.7	35.	1.7	2.	00.0	00.	00.0	00.	0.0
17	2	82	6	-7.7	.42	.79	3.1	33.	1.3	1.	00.0	00.	00.0	00.	0.0
17	2	82	7	-7.8	.40	.79	3.0	34.	1.6	1.	00.0	00.	00.0	00.	0.0
17	2	82	8	-7.3	1.37	.79	3.6	34.	1.1	1.	00.0	00.	00.0	00.	0.0
17	2	82	9	-5.9	2.14	.80	3.9	35.	1.1	2.	00.0	00.	00.0	00.	0.0
17	2	82	10	-4.7	2.06	.81	3.3	0.	.9	2.	00.0	00.	00.0	00.	0.0
17	2	82	11	-2.3	.77	.76	3.1	36.	.9	2.	00.0	00.	00.0	00.	0.0
17	2	82	12	2.1	-.32	.52	3.1	2.	1.9	2.	00.0	00.	00.0	00.	0.0
17	2	82	13	2.6	-.30	.45	4.0	7.	4.3	3.	00.0	00.	00.0	00.	0.0
17	2	82	14	3.0	-.31	.45	3.5	5.	5.6	3.	00.0	00.	00.0	00.	0.0
17	2	82	15	3.1	-.33	.46	3.6	5.	4.9	2.	00.0	00.	00.0	00.	0.0
17	2	82	16	2.2	-.22	.49	4.1	4.	5.4	1.	00.0	00.	00.0	00.	0.0
17	2	82	17	.9	-.02	.55	3.0	3.	5.4	2.	00.0	00.	00.0	00.	0.0
17	2	82	18	-.5	.18	.61	2.9	4.	4.7	2.	00.0	00.	00.0	00.	0.0
17	2	82	19	-.8	.21	.64	3.0	3.	4.9	1.	00.0	00.	00.0	00.	0.0
17	2	82	20	-1.1	.22	.66	3.1	3.	3.9	1.	00.0	00.	00.0	00.	0.0
17	2	82	21	-1.5	.27	.68	2.4	2.	3.4	2.	00.0	00.	00.0	00.	0.0
17	2	82	22	-1.9	.31	.71	2.5	3.	2.9	2.	00.0	00.	00.0	00.	0.0
17	2	82	23	-1.8	.22	.71	3.0	3.	3.8	2.	00.0	00.	00.0	00.	0.0
17	2	82	24	-1.8	.11	.70	3.4	3.	4.4	2.	00.0	00.	00.0	00.	0.0
18	2	82	1	-2.1	.06	.70	2.9	4.	5.4	2.	00.0	00.	00.0	00.	0.0
18	2	82	2	-2.5	.15	.72	2.5	2.	3.8	2.	00.0	00.	00.0	00.	0.0
18	2	82	3	-3.1	.16	.74	2.6	3.	4.3	2.	00.0	00.	00.0	00.	0.0
18	2	82	4	-3.6	.15	.76	2.6	3.	5.9	1.	00.0	00.	00.0	00.	0.0
18	2	82	5	-4.1	.29	.80	2.2	5.	5.2	3.	00.0	00.	00.0	00.	0.0
18	2	82	6	-3.9	.27	.79	3.7	5.	4.3	2.	00.0	00.	00.0	00.	0.0
18	2	82	7	-4.4	.19	.80	2.7	4.	3.6	1.	00.0	00.	00.0	00.	0.0
18	2	82	8	-4.2	.20	.79	2.4	4.	2.9	2.	00.0	00.	00.0	00.	0.0
18	2	82	9	-2.8	.03	.75	2.1	2.	1.1	1.	00.0	00.	00.0	00.	0.0
18	2	82	10	-.7	-.28	.70	2.0	2.	1.6	2.	00.0	00.	00.0	00.	0.0
18	2	82	11	.7	-.62	.66	1.3	1.	1.2	2.	00.0	00.	00.0	00.	0.0
18	2	82	12	.5	-.79	.61	1.9	1.	1.1	2.	00.0	00.	00.0	00.	0.0
18	2	82	13	1.9	-.81	.54	1.6	1.	1.7	1.	00.0	00.	00.0	00.	0.0
18	2	82	14	3.2	-.91	.50	1.5	32.	1.3	2.	00.0	00.	00.0	00.	0.0
18	2	82	15	4.1	-1.39	.45	.9	33.	.7	36.	00.0	00.	00.0	00.	0.0
18	2	82	16	-.8	-.19	.68	1.5	13.	2.6	17.	00.0	00.	00.0	00.	0.0
18	2	82	17	-3.2	.03	.83	1.7	13.	1.9	16.	00.0	00.	00.0	00.	0.0
18	2	82	18	-4.4	.39	.87	.8	13.	1.5	13.	00.0	00.	00.0	00.	0.0
18	2	82	19	-4.9	.53	.88	1.3	13.	1.1	14.	00.0	00.	00.0	00.	0.0
18	2	82	20	-5.3	.59	.87	.4	1032.	.7	12.	00.0	00.	00.0	00.	0.0
18	2	82	21	-5.3	.57	.87	1.0	32.	1.2	2.	00.0	00.	00.0	00.	0.0
18	2	82	22	-5.9	.53	.87	2.0	32.	1.6	2.	00.0	00.	00.0	00.	0.0
18	2	82	23	-6.4	.80	.86	2.9	33.	2.1	1.	00.0	00.	00.0	00.	0.0
18	2	82	24	-6.9	.42	.84	2.7	32.	2.1	1.	00.0	00.	00.0	00.	0.0
19	2	82	1	-7.3	.36	.83	2.2	33.	1.8	1.	00.0	00.	00.0	00.	0.0
19	2	82	2	-7.8	.50	.83	2.5	33.	1.6	2.	00.0	00.	00.0	00.	0.0
19	2	82	3	-8.2	.38	.82	2.8	33.	2.3	2.	00.0	00.	00.0	00.	0.0
19	2	82	4	-8.4	.36	.81	2.4	33.	2.3	1.	00.0	00.	00.0	00.	0.0
19	2	82	5	-8.8	.33	.80	2.8	33.	2.4	2.	00.0	00.	00.0	00.	0.0
19	2	82	6	-9.1	.29	.79	2.9	33.	2.1	2.	00.0	00.	00.0	00.	0.0
19	2	82	7	-9.5	.30	.79	2.4	32.	2.1	2.	00.0	00.	00.0	00.	0.0
19	2	82	8	-9.4	.26	.80	2.2	32.	2.1	2.	00.0	00.	00.0	00.	0.0
19	2	82	9	-7.4	.14	.80	2.3	32.	2.2	2.	00.0	00.	00.0	00.	0.0
19	2	82	10	-5.7	.08	.77	1.6	32.	2.1	2.	00.0	00.	00.0	00.	0.0
19	2	82	11	-3.1	-.51	.70	.8	33.	1.3	2.	00.0	00.	00.0	00.	0.0
19	2	82	12	.3	-.11	.34	.2	9.	1.3	2.	00.0	00.	00.0	00.	0.0
19	2	82	13	2.7	.34	.19	.2	1002.	1.9	1.	00.0	00.	00.0	00.	0.0
19	2	82	14	2.8	99.00	.26	.6	12.	1.9	1.	00.0	00.	00.0	00.	0.0
19	2	82	15	.6	-.32	.41	1.0	12.	.8	2.	00.0	00.	00.0	00.	0.0
19	2	82	16	-1.4	-.18	.65	2.0	12.	1.1	14.	00.0	00.	00.0	00.	0.0
19	2	82	17	-2.6	.03	.84	2.3	12.	1.6	13.	00.0	00.	00.0	00.	0.0
19	2	82	18	-3.6	.38	.88	2.5	12.	1.3	12.	00.0	00.	00.0	00.	0.0
19	2	82	19	-3.9	.43	.88	1.5	12.	1.2	12.	00.0	00.	00.0	00.	0.0
19	2	82	20	-4.6	.55	.88	.7	15.	1.4	2.	00.0	00.	00.0	00.	0.0
19	2	82	21	-5.4	.89	.86	1.1	33.	1.8	1.	00.0	00.	00.0	00.	0.0
19	2	82	22	-6.3	1.13	.84	1.7	33.	1.8	1.	00.0	00.	00.0	00.	0.0
19	2	82	23	-7.2	.50	.84	1.5	30.	1.4	1.	00.0	00.	00.0	00.	0.0
19	2	82	24	-8.0	.69	.83	1.2	31.	1.8	1.	00.0	00.	00.0	00.	0.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
20	2	82	1	-8.1	.35	.83	2.1	32.	2.2	1.	00.0	00.	00.0	00.	0.0
20	2	82	2	-8.9	.66	.81	2.3	32.	2.1	1.	00.0	00.	00.0	00.	0.0
20	2	82	3	-9.5	.53	.80	2.0	32.	1.6	1.	00.0	00.	00.0	00.	0.0
20	2	82	4	-10.0	.43	.81	1.8	31.	1.4	1.	00.0	00.	00.0	00.	0.0
20	2	82	5	-10.3	.42	.81	2.6	32.	2.1	1.	00.0	00.	00.0	00.	0.0
20	2	82	6	-10.4	.35	.80	2.3	32.	1.8	1.	00.0	00.	00.0	00.	0.0
20	2	82	7	-11.0	.48	.79	2.2	32.	1.7	2.	00.0	00.	00.0	00.	0.0
20	2	82	8	-10.9	.18	.78	2.2	33.	2.1	1.	00.0	00.	00.0	00.	0.0
20	2	82	9	-9.1	-.19	.79	1.3	32.	1.5	1.	00.0	00.	00.0	00.	0.0
20	2	82	10	-6.4	-.35	.80	1.5	33.	1.5	2.	00.0	00.	00.0	00.	0.0
20	2	82	11	-4.7	.18	.78	.7	1.	1.6	2.	00.0	00.	00.0	00.	0.0
20	2	82	12	-1.3	.19	.65	.3	31.	.8	2.	00.0	00.	00.0	00.	0.0
20	2	82	13	-.5	-.22	.40	.7	13.	1.1	2.	00.0	00.	00.0	00.	0.0
20	2	82	14	-1.3	-.51	.44	1.6	13.	.4	2.	00.0	00.	00.0	00.	0.0
20	2	82	15	-1.6	-.30	.46	2.3	12.	1.2	12.	00.0	00.	00.0	00.	0.0
20	2	82	16	-2.1	-.24	.69	2.8	12.	2.1	15.	00.0	00.	00.0	00.	0.0
20	2	82	17	-3.1	.01	.81	2.7	13.	1.8	14.	00.0	00.	00.0	00.	0.0
20	2	82	18	-3.8	.36	.86	3.1	11.	1.6	8.	00.0	00.	00.0	00.	0.0
20	2	82	19	-3.7	.30	.86	2.2	10.	2.1	4.	00.0	00.	00.0	00.	0.0
20	2	82	20	-4.0	.24	.86	1.1	8.	2.3	2.	00.0	00.	00.0	00.	0.0
20	2	82	21	-4.4	.11	.87	2.0	5.	2.5	1.	00.0	00.	00.0	00.	0.0
20	2	82	22	-4.6	.09	.82	.9	5.	2.5	1.	00.0	00.	00.0	00.	0.0
20	2	82	23	-4.8	-.03	.86	1.0	2.	3.3	1.	00.0	00.	00.0	00.	0.0
20	2	82	24	-5.2	-.27	.81	1.1	5.	2.7	1.	00.0	00.	00.0	00.	0.0
21	2	82	1	-5.9	.01	.87	2.2	0.	2.5	1.	00.0	00.	00.0	00.	00.0
21	2	82	2	-6.5	-.01	.87	1.1	34.	2.8	3.	00.0	00.	00.0	00.	00.0
21	2	82	3	-7.2	-.04	.86	1.3	35.	2.3	2.	00.0	00.	00.0	00.	00.0
21	2	82	4	-7.7	-.02	.85	1.4	34.	1.4	1.	00.0	00.	00.0	00.	00.0
21	2	82	5	-7.9	.08	.84	1.5	36.	2.1	1.	00.0	00.	00.0	00.	00.0
21	2	82	6	-7.9	.15	.84	.8	35.	2.6	2.	00.0	00.	00.0	00.	00.0
21	2	82	7	-7.9	-.02	.84	.9	33.	2.8	1.	00.0	00.	00.0	00.	00.0
21	2	82	8	-8.3	-.07	.85	.7	31.	2.2	2.	00.0	00.	00.0	00.	00.0
21	2	82	9	-8.3	-.04	.84	.6	1011.	1.9	1.	00.0	00.	00.0	00.	00.0
21	2	82	10	-8.0	-.21	.83	1.0	31.	1.6	1.	00.0	00.	00.0	00.	00.0
21	2	82	11	-7.7	-.30	.83	1.0	31.	.9	2.	00.0	00.	00.0	00.	00.0
21	2	82	12	-5.7	-.04	.81	.5	32.	.7	3.	00.0	00.	00.0	00.	00.0
21	2	82	13	-2.2	.18	.59	.3	1029.	.5	4.	00.0	00.	00.0	00.	00.0
21	2	82	14	-2.4	-.39	.56	.9	13.	.5	4.	00.0	00.	00.0	00.	00.0
21	2	82	15	-4.1	-.40	.71	2.1	13.	1.3	15.	00.0	00.	00.0	00.	00.0
21	2	82	16	-5.1	-.33	.78	3.1	14.	1.7	15.	00.0	00.	00.0	00.	00.0
21	2	82	17	-6.3	-.13	.82	1.6	15.	2.1	14.	00.0	00.	00.0	00.	00.0
21	2	82	18	-7.9	.16	.86	1.5	15.	1.9	15.	00.0	00.	00.0	00.	00.0
21	2	82	19	-8.0	-.06	.87	1.8	14.	1.5	14.	00.0	00.	00.0	00.	00.0
21	2	82	20	-8.2	-.02	.86	.7	16.	1.5	12.	00.0	00.	00.0	00.	00.0
21	2	82	21	-8.5	-.00	.84	.4	1018.	1.1	12.	00.0	00.	00.0	00.	00.0
21	2	82	22	-8.8	-.02	.83	.4	1035.	1.1	24.	00.0	00.	00.0	00.	00.0
21	2	82	23	-9.0	-.01	.83	.4	1020.	1.6	24.	00.0	00.	00.0	00.	00.0
21	2	82	24	-9.1	-.01	.83	.7	30.	1.3	24.	00.0	00.	00.0	00.	00.0
22	2	82	1	-9.1	-.04	.83	.7	30.	1.9	2.	00.0	00.	00.0	00.	00.0
22	2	82	2	-9.2	-.02	.82	1.0	32.	1.8	1.	00.0	00.	00.0	00.	00.0
22	2	82	3	-9.6	-.04	.82	1.2	31.	1.5	1.	00.0	00.	00.0	00.	00.0
22	2	82	4	-10.1	-.05	.81	1.3	31.	1.7	1.	00.0	00.	00.0	00.	00.0
22	2	82	5	-10.6	-.05	.80	.9	32.	1.2	1.	00.0	00.	00.0	00.	00.0
22	2	82	6	-11.2	-.02	.79	1.5	32.	1.6	1.	00.0	00.	00.0	00.	00.0
22	2	82	7	-12.0	.03	.78	1.6	32.	1.6	1.	00.0	00.	00.0	00.	00.0
22	2	82	8	-12.4	.08	.78	1.3	32.	1.5	1.	00.0	00.	00.0	00.	00.0
22	2	82	9	-10.6	-.14	.79	1.3	32.	1.1	1.	00.0	00.	00.0	00.	00.0
22	2	82	10	-9.8	.14	.79	.8	32.	.9	2.	00.0	00.	00.0	00.	00.0
22	2	82	11	-6.8	1.15	.81	.2	28.	.6	3.	00.0	00.	00.0	00.	00.0
22	2	82	12	-4.0	-.18	.81	.2	16.	.6	3.	00.0	00.	00.0	00.	00.0
22	2	82	13	-3.5	-1.25	.69	.6	13.	.5	2.	00.0	00.	00.0	00.	00.0
22	2	82	14	-4.8	-.31	.72	1.9	13.	1.1	14.	00.0	00.	00.0	00.	00.0
22	2	82	15	-5.6	-.30	.83	2.9	12.	2.3	14.	00.0	00.	00.0	00.	00.0
22	2	82	16	-5.9	-.10	.86	2.6	13.	2.2	13.	00.0	00.	00.0	00.	00.0
22	2	82	17	-5.8	.00	.87	2.2	13.	1.4	12.	00.0	00.	00.0	00.	00.0
22	2	82	18	-6.0	.01	.86	1.7	15.	1.8	14.	00.0	00.	00.0	00.	00.0
22	2	82	19	-6.2	.01	.85	1.3	14.	1.1	10.	00.0	00.	00.0	00.	00.0
22	2	82	20	-6.2	.01	.85	.8	12.	1.1	6.	00.0	00.	00.0	00.	00.0
22	2	82	21	-6.4	.01	.84	.6	13.	.8	10.	00.0	00.	00.0	00.	00.0
22	2	82	22	-6.5	0.00	.80	.5	8.	1.1	6.	00.0	00.	00.0	00.	00.0
22	2	82	23	-6.6	0.00	.62	2.0	8.	2.5	2.	00.0	00.	00.0	00.	00.0
22	2	82	24	-7.0	-.05	.68	1.8	33.	2.6	2.	00.0	00.	00.0	00.	00.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
23	2	82	1	-8.2	-.05	.82	1.8	32.	2.1	2.	00.0	00.	00.0	00.	00.0
23	2	82	2	-9.2	-.03	.81	2.1	32.	1.6	1.	00.0	00.	00.0	00.	00.0
23	2	82	3	-10.1	-.00	.75	1.5	31.	1.7	2.	00.0	00.	00.0	00.	00.0
23	2	82	4	-10.6	.03	.79	2.1	32.	1.9	1.	00.0	00.	00.0	00.	00.0
23	2	82	5	-11.2	.07	.78	1.7	32.	1.6	1.	00.0	00.	00.0	00.	00.0
23	2	82	6	-12.0	.16	.78	2.1	32.	1.7	1.	00.0	00.	00.0	00.	00.0
23	2	82	7	-12.4	.21	.77	2.1	32.	1.5	1.	00.0	00.	00.0	00.	00.0
23	2	82	8	-12.7	.23	.77	1.4	32.	1.1	1.	00.0	00.	00.0	00.	00.0
23	2	82	9	-10.4	-.09	.78	1.2	32.	1.3	2.	00.0	00.	00.0	00.	00.0
23	2	82	10	-8.6	.25	.79	.5	31.	.7	2.	00.0	00.	00.0	00.	00.0
23	2	82	11	-5.3	-.41	.83	.4	1011.	.4	6.	00.0	00.	00.0	00.	00.0
23	2	82	12	-4.6	-.44	.82	.8	13.	.7	3.	00.0	00.	00.0	00.	00.0
23	2	82	13	-4.2	-.75	.77	1.1	11.	1.1	2.	00.0	00.	00.0	00.	00.0
23	2	82	14	-4.7	-.26	.82	1.7	12.	1.4	14.	00.0	00.	00.0	00.	00.0
23	2	82	15	-4.3	-.15	.86	1.8	13.	1.3	13.	00.0	00.	00.0	00.	00.0
23	2	82	16	-4.0	-.02	.88	1.5	14.	1.5	12.	00.0	00.	00.0	00.	00.0
23	2	82	17	-4.1	.00	.82	1.2	14.	1.3	12.	00.0	00.	00.0	00.	00.0
23	2	82	18	-4.3	.03	.80	.7	1014.	1.1	10.	00.0	00.	00.0	00.	00.0
23	2	82	19	-4.4	.03	.84	.5	5.	1.8	4.	00.0	00.	00.0	00.	00.0
23	2	82	20	-4.5	.01	.73	1.5	35.	3.2	2.	00.0	00.	00.0	00.	00.0
23	2	82	21	-5.1	.01	.67	1.6	35.	2.6	2.	00.0	00.	00.0	00.	00.0
23	2	82	22	-5.7	-.01	.75	.8	35.	1.8	2.	00.0	00.	00.0	00.	00.0
23	2	82	23	-6.3	.01	.73	1.8	31.	1.8	2.	00.0	00.	00.0	00.	00.0
23	2	82	24	-6.7	0.00	.82	1.4	31.	1.9	2.	00.0	00.	00.0	00.	00.0
24	2	82	1	-7.3	.09	.71	1.3	32.	1.6	1.	00.0	00.	00.0	00.	00.0
24	2	82	2	-7.8	.16	.76	1.1	32.	1.5	1.	00.0	00.	00.0	00.	00.0
24	2	82	3	-8.1	.56	.59	3.0	32.	1.3	2.	00.0	00.	00.0	00.	00.0
24	2	82	4	-8.4	.48	.74	2.0	33.	1.6	2.	00.0	00.	00.0	00.	00.0
24	2	82	5	-8.7	.32	.77	2.2	32.	1.5	1.	00.0	00.	00.0	00.	00.0
24	2	82	6	-8.8	.46	.80	1.6	33.	1.5	1.	00.0	00.	00.0	00.	00.0
24	2	82	7	-8.7	.28	.80	2.1	32.	1.8	1.	00.0	00.	00.0	00.	00.0
24	2	82	8	-8.3	.40	.80	2.1	32.	1.7	1.	00.0	00.	00.0	00.	00.0
24	2	82	9	-7.5	-.06	.81	1.7	32.	1.8	1.	00.0	00.	00.0	00.	00.0
24	2	82	10	-6.5	.01	.80	1.9	33.	1.4	1.	00.0	00.	00.0	00.	00.0
24	2	82	11	-4.8	-.20	.79	2.3	32.	1.3	2.	00.0	00.	00.0	00.	00.0
24	2	82	12	-3.0	.13	.77	.9	29.	1.6	2.	00.0	00.	00.0	00.	00.0
24	2	82	13	1.3	-1.26	.64	1.2	11.	.6	6.	00.0	00.	00.0	00.	00.0
24	2	82	14	3.8	-.50	.39	.7	13.	.5	3.	00.0	00.	00.0	00.	00.0
24	2	82	15	1.1	-.14	.63	2.1	13.	.5	16.	00.0	00.	00.0	00.	00.0
24	2	82	16	.1	-.08	.71	2.5	12.	.7	13.	00.0	00.	00.0	00.	00.0
24	2	82	17	-.4	.24	.62	2.7	13.	.6	16.	00.0	00.	00.0	00.	00.0
24	2	82	18	-2.1	.71	.79	2.5	13.	1.1	14.	00.0	00.	00.0	00.	00.0
24	2	82	19	-2.5	.77	.83	2.0	13.	.9	2.	00.0	00.	00.0	00.	00.0
24	2	82	20	-3.2	.58	.86	.7	1013.	.8	2.	00.0	00.	00.0	00.	00.0
24	2	82	21	-3.4	.82	.86	.7	34.	1.1	3.	00.0	00.	00.0	00.	00.0
24	2	82	22	-4.2	1.22	.86	1.4	32.	1.4	2.	00.0	00.	00.0	00.	00.0
24	2	82	23	-4.8	.68	.85	1.3	1032.	1.5	2.	00.0	00.	00.0	00.	00.0
24	2	82	24	-4.8	.00	.78	.9	33.	.7	2.	00.0	00.	00.0	00.	00.0
25	2	82	1	-5.4	1.58	.86	.8	33.	1.1	2.	00.0	00.	00.0	00.	00.0
25	2	82	2	-5.5	1.07	.78	.4	1007.	1.5	2.	00.0	00.	00.0	00.	00.0
25	2	82	3	-6.2	1.16	.77	1.4	32.	1.4	2.	00.0	00.	00.0	00.	00.0
25	2	82	4	-6.5	1.50	.66	2.2	34.	1.6	1.	00.0	00.	00.0	00.	00.0
25	2	82	5	-6.8	.08	.83	1.5	32.	1.7	1.	00.0	00.	00.0	00.	00.0
25	2	82	6	-6.8	.65	.82	1.5	32.	1.3	1.	00.0	00.	00.0	00.	00.0
25	2	82	7	-6.5	.89	.78	.8	33.	1.3	1.	00.0	00.	00.0	00.	00.0
25	2	82	8	-6.1	.36	.83	1.1	32.	1.4	1.	00.0	00.	00.0	00.	00.0
25	2	82	9	-5.0	.21	.83	.5	35.	1.3	1.	00.0	00.	00.0	00.	00.0
25	2	82	10	-5.3	-.48	.85	.6	1002.	1.1	1.	00.0	00.	00.0	00.	00.0
25	2	82	11	-1.7	-.21	.76	.4	1009.	.5	1.	00.0	00.	00.0	00.	00.0
25	2	82	12	.5	-.78	.63	.8	13.	.6	14.	00.0	00.	00.0	00.	00.0
25	2	82	13	1.7	-.43	.58	.9	13.	.6	3.	00.0	00.	00.0	00.	00.0
25	2	82	14	2.4	-.47	.54	1.3	13.	.8	14.	00.0	00.	00.0	00.	00.0
25	2	82	15	1.1	-.35	.61	1.8	14.	1.6	16.	00.0	00.	00.0	00.	00.0
25	2	82	16	.5	-.32	.65	2.3	13.	1.8	16.	00.0	00.	00.0	00.	00.0
25	2	82	17	-.9	-.01	.82	2.0	12.	1.6	15.	00.0	00.	00.0	00.	00.0
25	2	82	18	-1.4	.26	.85	2.8	10.	1.3	8.	00.0	00.	00.0	00.	00.0
25	2	82	19	-1.9	.28	.85	2.2	9.	1.9	2.	00.0	00.	00.0	00.	00.0
25	2	82	20	-3.0	.43	.85	1.4	7.	1.6	2.	00.0	00.	00.0	00.	00.0
25	2	82	21	-2.9	.23	.82	1.3	5.	1.6	2.	00.0	00.	00.0	00.	00.0
25	2	82	22	-3.0	.26	.83	1.5	5.	1.1	3.	00.0	00.	00.0	00.	00.0
25	2	82	23	-2.6	.13	.84	1.1	5.	.7	4.	00.0	00.	00.0	00.	00.0
25	2	82	24	-2.5	.18	.83	1.2	4.	1.1	6.	00.0	00.	00.0	00.	00.0

				T-BS	DT-BS	RH-BS	F-BS	D-BS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
26	2	82	1	-2.4	.14	.83	1.1	4.	2.4	1.	00.0	00.	00.0	00.	00.0
26	2	82	2	-2.3	.07	.82	.8	4.	2.6	2.	00.0	00.	00.0	00.	00.0
26	2	82	3	-2.3	.08	.82	.9	8.	3.1	2.	00.0	00.	00.0	00.	00.0
26	2	82	4	-2.6	.02	.82	1.1	8.	2.9	2.	00.0	00.	00.0	00.	00.0
26	2	82	5	-2.9	0.00	.82	1.1	9.	2.6	1.	00.0	00.	00.0	00.	00.0
26	2	82	6	-3.4	.05	.83	1.2	13.	1.5	9.	00.0	00.	00.0	00.	00.0
26	2	82	7	-3.8	.05	.80	1.7	14.	1.1	24.	00.0	00.	00.0	00.	00.0
26	2	82	8	-3.3	-.03	.81	1.2	23.	2.9	24.	00.0	00.	00.0	00.	00.0
26	2	82	9	-3.3	-.10	.74	2.0	24.	1.7	22.	00.0	00.	00.0	00.	00.0
26	2	82	10	-3.0	-.15	.73	1.1	24.	1.4	17.	00.0	00.	00.0	00.	00.0
26	2	82	11	-1.9	-.46	.71	.5	19.	1.6	16.	00.0	00.	00.0	00.	00.0
26	2	82	12	-2.3	-.19	.78	1.2	14.	1.9	14.	00.0	00.	00.0	00.	00.0
26	2	82	13	-1.7	-.23	.81	1.4	15.	2.3	16.	00.0	00.	00.0	00.	00.0
26	2	82	14	-.9	-.27	.76	1.6	18.	2.9	16.	00.0	00.	00.0	00.	00.0
26	2	82	15	-1.1	-.19	.76	2.5	18.	3.4	16.	00.0	00.	00.0	00.	00.0
26	2	82	16	-1.7	-.11	.81	2.6	20.	3.9	16.	00.0	00.	00.0	00.	00.0
26	2	82	17	-2.1	-.07	.80	2.8	19.	3.2	16.	00.0	00.	00.0	00.	00.0
26	2	82	18	-2.4	-.03	.79	2.5	19.	2.3	17.	00.0	00.	00.0	00.	00.0
26	2	82	19	-2.4	-.01	.74	2.1	19.	2.5	17.	00.0	00.	00.0	00.	00.0
26	2	82	20	-2.5	-.02	.74	2.2	20.	2.5	16.	00.0	00.	00.0	00.	00.0
26	2	82	21	-2.7	-.03	.69	2.7	17.	2.8	16.	00.0	00.	00.0	00.	00.0
26	2	82	22	-3.1	-.04	.74	2.4	17.	2.1	14.	00.0	00.	00.0	00.	00.0
26	2	82	23	-3.3	-.03	.78	2.7	17.	1.9	14.	00.0	00.	00.0	00.	00.0
26	2	82	24	-3.2	-.02	.70	2.8	15.	2.1	14.	00.0	00.	00.0	00.	00.0
27	2	82	1	-3.5	-.03	.76	2.9	14.	2.2	14.	00.0	00.	00.0	00.	00.0
27	2	82	2	-3.6	-.04	.74	2.7	16.	2.4	14.	00.0	00.	00.0	00.	00.0
27	2	82	3	-3.9	-.04	.81	3.1	13.	2.4	12.	00.0	00.	00.0	00.	00.0
27	2	82	4	-3.8	-.04	.77	2.7	17.	2.6	14.	00.0	00.	00.0	00.	00.0
27	2	82	5	-3.9	-.04	.78	2.8	16.	2.5	13.	00.0	00.	00.0	00.	00.0
27	2	82	6	-3.9	-.03	.78	2.3	18.	1.6	12.	00.0	00.	00.0	00.	00.0
27	2	82	7	-3.7	-.04	.77	3.2	16.	2.5	14.	00.0	00.	00.0	00.	00.0
27	2	82	8	-3.5	-.05	.75	3.4	16.	2.5	15.	00.0	00.	00.0	00.	00.0
27	2	82	9	-3.3	-.05	.75	2.4	16.	2.3	16.	00.0	00.	00.0	00.	00.0
27	2	82	10	-2.7	-.10	.76	2.3	16.	1.9	13.	00.0	00.	00.0	00.	00.0
27	2	82	11	-1.9	-.14	.75	2.3	17.	2.1	16.	00.0	00.	00.0	00.	00.0
27	2	82	12	-2.0	-.11	.81	3.0	17.	2.3	16.	00.0	00.	00.0	00.	00.0
27	2	82	13	-1.9	-.10	.83	2.4	18.	2.3	16.	00.0	00.	00.0	00.	00.0
27	2	82	14	-1.6	-.11	.83	1.9	18.	2.2	16.	00.0	00.	00.0	00.	00.0
27	2	82	15	-1.6	-.09	.83	2.5	19.	1.7	16.	00.0	00.	00.0	00.	00.0
27	2	82	16	-1.6	-.08	.85	2.4	19.	2.1	16.	00.0	00.	00.0	00.	00.0
27	2	82	17	-1.7	-.04	.85	1.5	17.	1.9	14.	00.0	00.	00.0	00.	00.0
27	2	82	18	-1.7	-.02	.85	1.3	17.	1.3	12.	00.0	00.	00.0	00.	00.0
27	2	82	19	-1.7	0.00	.85	1.4	22.	1.5	14.	00.0	00.	00.0	00.	00.0
27	2	82	20	-1.8	.06	.85	.5	17.	1.4	13.	00.0	00.	00.0	00.	00.0
27	2	82	21	-1.8	.05	.85	.5	14.	1.4	2.	00.0	00.	00.0	00.	00.0
27	2	82	22	-1.9	.10	.85	.5	31.	1.3	2.	00.0	00.	00.0	00.	00.0
27	2	82	23	-2.0	.02	.85	.8	33.	2.1	2.	00.0	00.	00.0	00.	00.0
27	2	82	24	-2.2	.05	.85	.7	35.	2.4	2.	00.0	00.	00.0	00.	00.0
28	2	82	1	-2.2	.03	.85	.7	31.	.9	1.	00.0	00.	00.0	00.	00.0
28	2	82	2	-2.3	.01	.84	1.0	34.	1.7	3.	00.0	00.	00.0	00.	00.0
28	2	82	3	-2.4	.03	.84	.4	1006.	1.9	2.	00.0	00.	00.0	00.	00.0
28	2	82	4	-2.3	.21	.84	1.2	12.	.7	4.	00.0	00.	00.0	00.	00.0
28	2	82	5	-2.2	.16	.84	.9	16.	.7	8.	00.0	00.	00.0	00.	00.0
28	2	82	6	-2.1	.14	.84	1.4	13.	.9	12.	00.0	00.	00.0	00.	00.0
28	2	82	7	-1.7	.06	.84	2.7	13.	1.3	12.	00.0	00.	00.0	00.	00.0
28	2	82	8	-1.1	.05	.84	2.9	14.	2.2	13.	00.0	00.	00.0	00.	00.0
28	2	82	9	-.6	.01	.82	3.9	15.	2.1	16.	00.0	00.	00.0	00.	00.0
28	2	82	10	-.3	.00	.81	4.3	16.	2.6	16.	00.0	00.	00.0	00.	00.0
28	2	82	11	-.2	-.03	.81	3.7	16.	3.9	16.	00.0	00.	00.0	00.	00.0
28	2	82	12	-.2	-.05	.82	3.8	19.	3.3	16.	00.0	00.	00.0	00.	00.0
28	2	82	13	.2	-.10	.81	2.8	18.	2.1	14.	00.0	00.	00.0	00.	00.0
28	2	82	14	.5	-.05	.81	2.1	17.	2.1	14.	00.0	00.	00.0	00.	00.0
28	2	82	15	.7	-.08	.82	1.6	15.	1.7	14.	00.0	00.	00.0	00.	00.0
28	2	82	16	1.1	-.13	.83	1.4	21.	1.8	16.	00.0	00.	00.0	00.	00.0
28	2	82	17	.9	-.02	.83	1.4	22.	1.9	17.	00.0	00.	00.0	00.	00.0
28	2	82	18	.7	.09	.83	1.2	22.	1.6	16.	00.0	00.	00.0	00.	00.0
28	2	82	19	.5	.11	.82	.8	1018.	1.4	14.	00.0	00.	00.0	00.	00.0
28	2	82	20	.5	.05	.82	1.3	18.	1.6	16.	00.0	00.	00.0	00.	00.0
28	2	82	21	.4	.05	.82	1.3	11.	1.6	12.	00.0	00.	00.0	00.	00.0
28	2	82	22	.2	.19	.82	1.1	7.	1.5	12.	00.0	00.	00.0	00.	00.0
28	2	82	23	.2	.03	.82	1.5	13.	1.3	12.	00.0	00.	00.0	00.	00.0
28	2	82	24	-.0	.05	.82	2.3	14.	1.9	16.	00.0	00.	00.0	00.	00.0

NORSK INSTITUTT FOR LUFTFORSKNING
(NORGES TEKNISK-NATURVITENSKAPELIGE FORSKNINGSRÅD)
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RAPPORTTYPE	RAPPORT NR.	ISBN--82-7247- 359-3.
Oppdragsrapport	OR 2/83	
DATO	ANSV.SIGN.	ANT. SIDER
JANUAR L983	B.Ottar	70

TITTEL	PROSJEKTLEDER
Meteorologiske data fra nedre Telemark. Vinteren 1981/82.	B.Sivertsen
	NILU PROSJEKT NR. 20976, 21876
FORFATTER(E)	TILGJENGELIGHET**
Bjarne Sivertsen og Kari Arnesen	A
	OPPDRAGSGIVERS REF.

OPPDRAGSGIVER

Norsk Hydro, Rafnes, Porsgrunn Fabrikker, SFT kontrollseksjon

3 STIKKORD (á maks. 20 anslag)

Meteorologiske data | Statistisk bearb.

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

En statistisk bearbeiding av meteorologiske data fra nedre Telemark i perioden 1.12.81-28.2.82 viser dominerende nordvestlige vinder, stabile tilfeller i mer enn 50% av tiden og en usedvanlig kald desember og januar måned.

TITLE

Meteorological data from nedre Telemark, winter 1981/82.

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

A statistical evaluation of meteorological data during winter 1981/82 show winds from northwest, ≈ 50% stable cases and a cold December and January.

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