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METEOROLOGISKE DATA FRA  
NEDRE TELEMARK, HØSTEN 1981

AV

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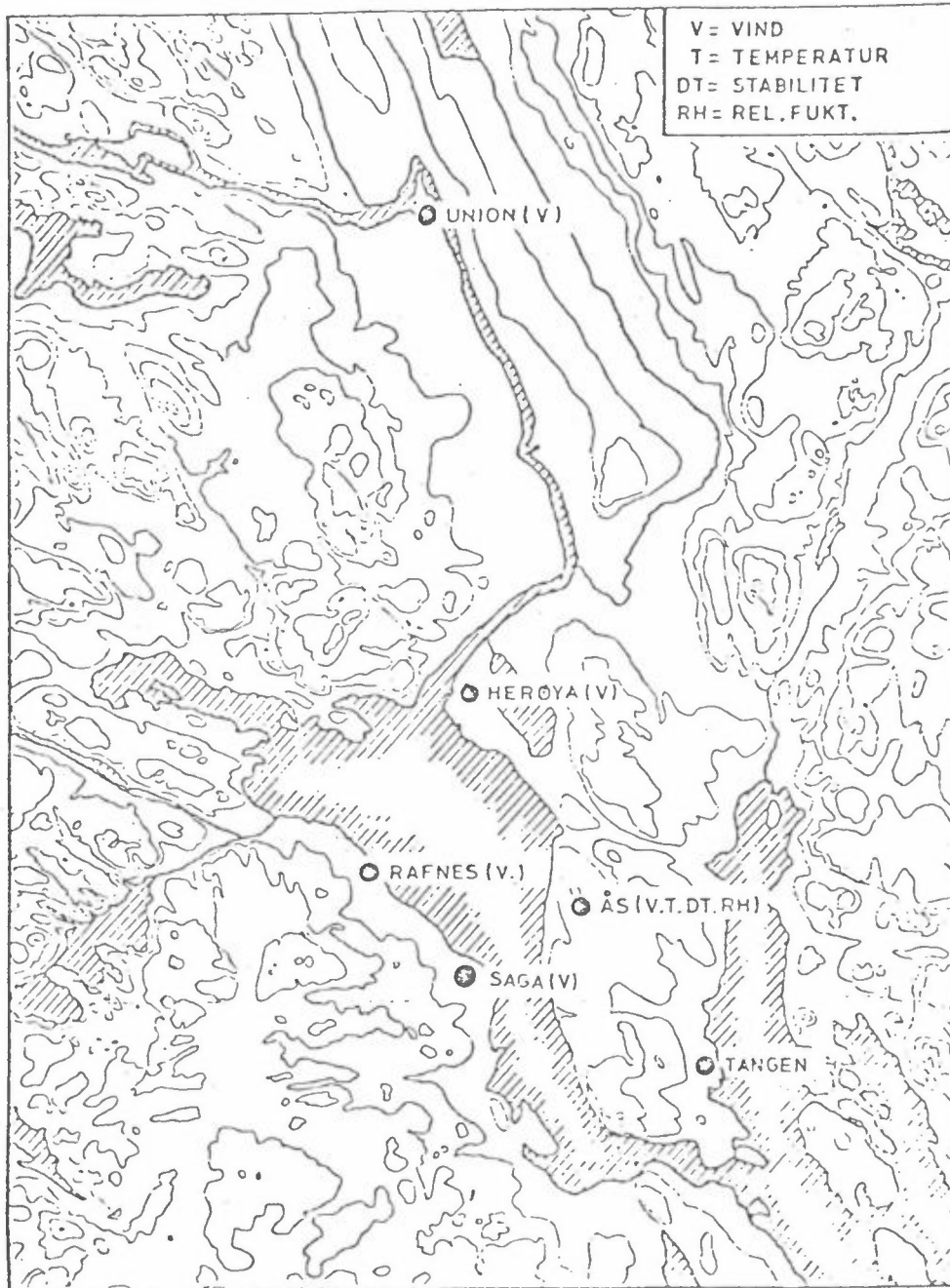
METEOROLOGISKE DATA FRA  
NEDRE TELEMAR, HØSTEN 1981

1 INNLEDNING

Denne presentasjonen av meteorologiske data fra nedre Telemark i perioden 1.9.81-30.11.81 (høst), er et ledd i det koordinerte måleprogram av meteorologi og spredningsforhold i området. Bearbeidelsen er utført på oppdrag fra Norsk Hydro Rafnes, Porsgrunn Fabrikker, Herøya og Statens forurensningstilsyn, kontrollseksjonen nedre Telemark, og er en videreføring av tidligere tilsendte data (se Referanselisten).

## 2 INSTRUMENTERING, STASJONSPLOSSERING

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 (hevert-pluviograf) plassert ca 20 m o.h.

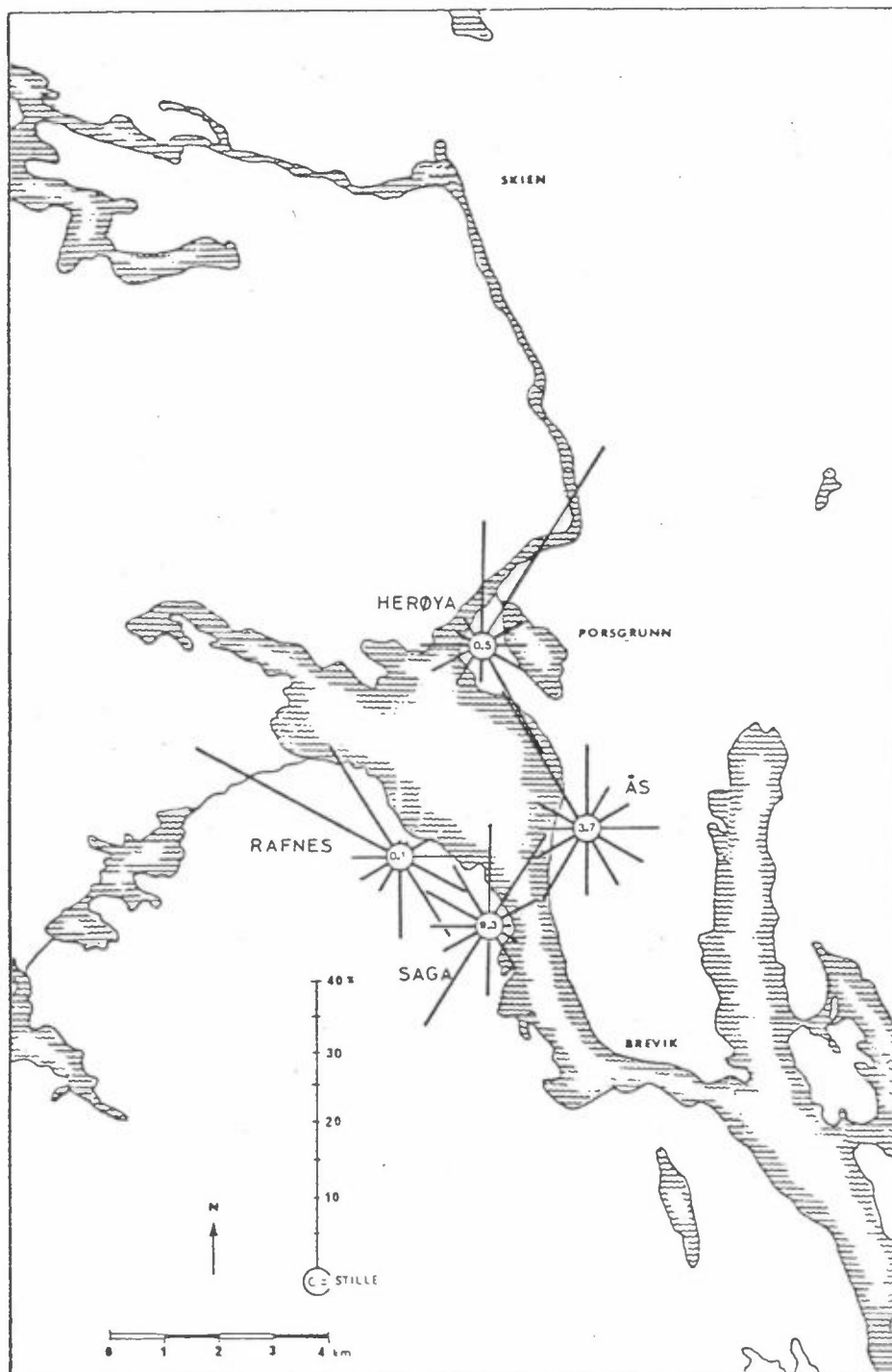
### 3 DATAKVALITET

Datatilgjengeligheten for perioden var følgende:

- Ås : 100% for vindstyrke, vindretning, temperatur, temperatordifferens og relativ fuktighet.
- Herøya : 100% for vindstyrke og vindretning
- Saga : Ved Saga sto stasjonen i store deler av perioden, slik at datatilgjengeligheten var 67% for vindstyrke og 64% for vindretning.
- Rafnes : 94% for vindstyrke og 64% for vindretning.

4 VINDFORHOLDENE

Vindroser fra alle stasjonene for høsten 1981 er vist i figur 2.



Figur 2: Vindroser (frekvens av vind i % i 12 sektorer) fra nedre Telemark for perioden 1.9.81-30.11.81.

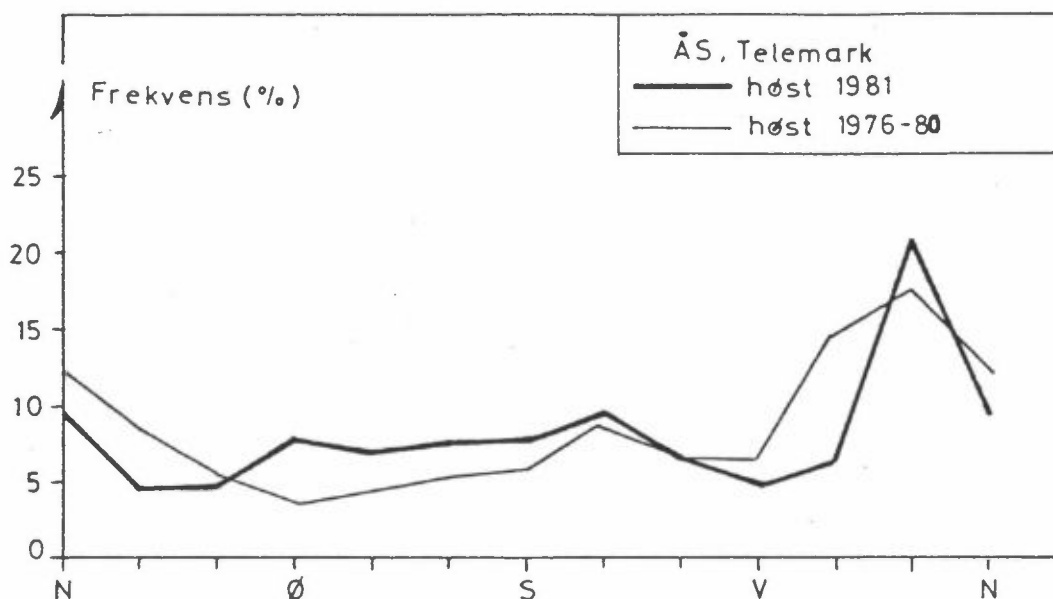


Kvartalsvise vindretningsfordelinger (i %) er også presentert i tabellene 1-4. Vindobservasjoner fra Ås er dessuten presentert som månedsvise frekvensfordelinger i tabellene 9-11.

Høsten 1981 blåste det oftest fra nordvestlig kant ved Ås og Rafnes, og fra nord-nordøst ved Herøya og Saga. Dette stemmer godt med målinger foretatt i tidligere høstperioder.

Middelvindstyrken stemte bra med det som er målt i området høstperiodene 1976-80. Høyeste middelvindstyrke hadde Rafnes med 3.5 m/s. Ved Ås og Herøya var middelvindstyrken 2.7 m/s, mens den ved Saga var 2.4 m/s.

I figur 3 er frekvensfordeling av forskjellige vindretninger høsten 1981 sammenstilt med tilsvarende målinger for høstperiodene 1976-80.

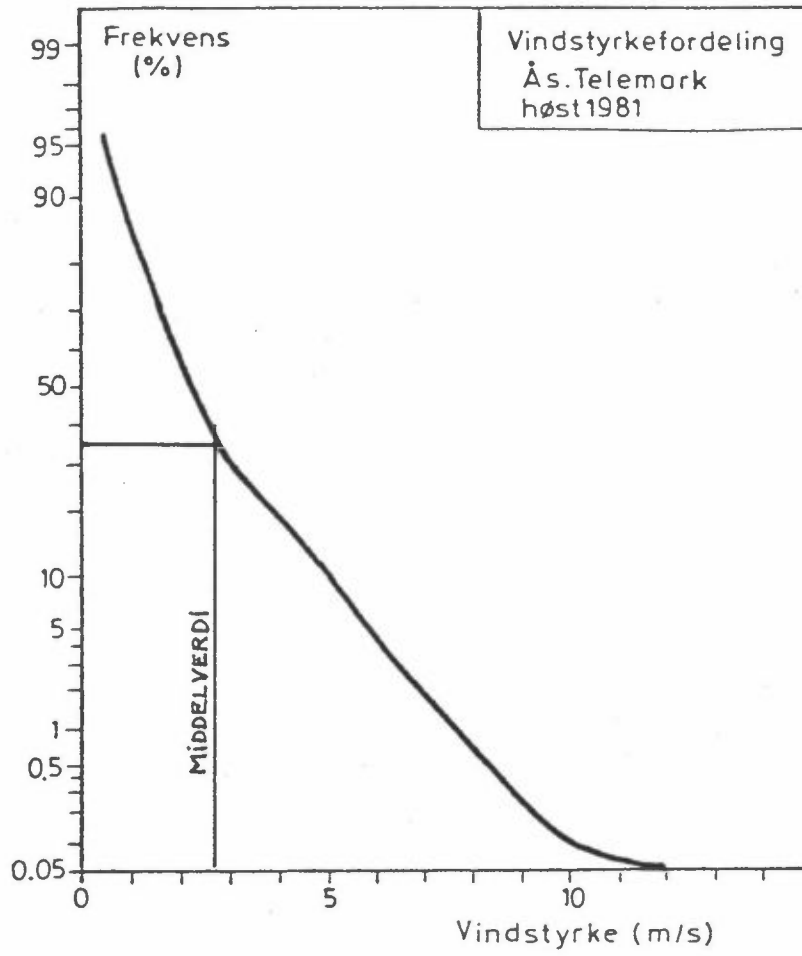


Figur 3: Frekvensfordeling av vindretninger (i 30°-sektorer) ved Ås for høsten 1981, sammenholdt med middelfordeling for sesongene 1976-80 ved Ås.

Figur 3 viser at det høsten 1981 blåste noe oftere fra øst og sør-øst og sjeldnere fra vest og vest-nordvest enn hva som var tilfelle i høstsesongene 1976-1980. Forøvrig var vindfordelingen i grove trekk som i de tidligere høstperiodene.

Figur 4 viser vindstyrkefordelingen ved Ås.

Vindstyrker over 6 m/s ved Ås forekom i 4.6% av tiden. Svake vinder, mindre enn 2 m/s forekom i 44% av tiden. I gjennomsnitt blåste det svakest fra nordøstlig kant ved Ås. Det ble registrert 3.7% vindstille ved Ås høsten 1981.



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

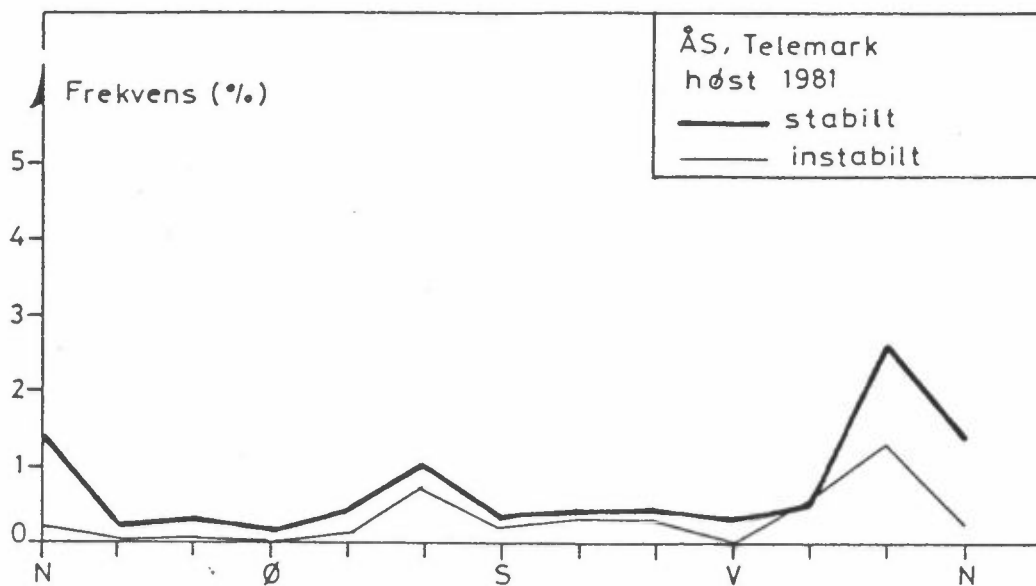
## 5 STABILITETSFORHOLDENE

Stabilitetsforholdene i fire klasser er fordelt over døgnet i tabell 6, basert på temperaturdifferansen 25-10 m på Ås. Høsten 1981 var det 8% stabil, 52% lett stabil, 36% nøytral og 4% ustabil temperatursjiktning. Denne fordelingen stemmer godt med det som er målt i tidligere høstsesonger.

## 6 FREKVENNS AV VIND/STABILITET

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

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



Figur 5: Frekvens av stabil og ustabil sjiktning som funksjon av vindretningen ved Ås høsten 1981.

Figur 5 viser at både stabile og instabile tilfeller høsten 1981 oftest forekom ved vind fra nord-nordvest på Ås. Dette er uvanlig, men kommer av at denne vindretningen høsten 1981 var den som totalt sett forekom oftest. Tabell 7 viser at lett stabil sjikting oftest forekom ved vindhastigheter svakere enn 4 m/s fra nord-nordvestlig kant.

## 7 TEMPERATUR VED ÅS

Tabell 8 viser månedsvis temperatur-statistikk for Ås i perioden 1.9.81-30.11.81. Middelttemperaturen for september var 12.0°C, oktober 5.5°C og for november 1.7°C. Middelttemperaturen i september var noe høyere enn normalt for måneden. For oktober og november var temperaturen nær normalen. Den høyeste temperaturen ble målt den 5.9.81 kl 11 til 21.2°C, den laveste temperaturen ble målt den 9.11.81 kl 07 til -4.0°C.

## 8 RELATIV FUKTIGHET VED ÅS

Tabell 9 viser en statistisk fordeling av den relative fuktigheten ved Ås for høsten 1981. Månedsmiddelverdiene viser relativ fuktighet på 86% i september, 84% i oktober og 77% i november. Av observasjonene for høsten 1981 lå ca 23% over 95% relativ fuktighet. Målingene for perioden synes å stemme godt med målinger i høst-periodene 1978-80. I september varierer den relative fuktigheten i gjennomsnitt fra 74% midt på dagen til 93% om natta.

9 NEDBØR

Det måles nedbør ved en av NILUs målestasjoner i nedre Telemar, Tangen ved Brevik. Kontinuerlige nedbørmålinger er igangsatt her og 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).

Tabell 16: Månedsvise nedbørmengder.

	Tangen Brevik (mm)	Jomfruland	
		(mm)	% av normal
September 1981	31.6*	103	108
Oktober 1981	27.4*	135	141
November 1981	65.7*	141	128

\* flere dager med manglende data

Både september, oktober og november måned 1981 hadde mer nedbør enn normalt.

Ved Tangen falt det i september 31.6 mm nedbør i 33 timer (over 4 døgn) og i oktober 27.4 mm i 24 timer (over 6 døgn). I november falt det 65.7 mm nedbør i løpet av 54 timer (fordelt på 10 døgn). De lave nedbørmengdene ved Tangen i denne perioden må ses i sammenheng med at det manglet nedbørdata i 13, 12 og 6 døgn ved denne målestasjon i h.h.v. september, oktober og november måned.

10 TABELLER

- Tabell 1: Vindfrekvenser (vindrose) fra Ås 1.9.81-30.11.81
- Tabell 2: Vindfrekvenser fra Herøya 1.9.81-30.11.81
- Tabell 3: Vindfrekvenser fra Saga 1.9.81-30.11.81
- Tabell 4: Vindfrekvenser fra Rafnes 1.9.81-30.11.81
- Tabell 5: Vindfrekvenser fra Ås, høstperioden 1976-80.
- Tabell 6: Fire klasser av stabiliteter fordelt over døgnet basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås 1.9.81-30.11.81
- Tabell 7: Frekvens (i %) av vind og stabilitet fordelt på: fire vindstyrkeklasser  
fire stabilitetsklasser (1 = instabilt, 2 = nøytralt, 3 = lett stabilt, 4 = stabilt)  
vindstille (vind < 0.2 m/s)  
basert på data fra Ås i perioden 1.9.81-30.11.81
- Tabell 8: Månedsvis temperaturstatistikk fra Ås for september, oktober og november 1981: middel-, maksimum- og minimumstemperaturer, antall observasjoner og temperatur under gitte grenser, samt midlere døgnfordeling av temperatur.
- Tabell 9: Månedsvis relativ fuktighets-statistikk fra Ås for september, oktober og november 1981. Middel-, maksimum- og minimumsverdier, antall observasjoner av relativ fuktighet under gitte grenser, samt midlere døgnfordeling.
- Tabell 10: Vindfrekvenser fra Ås for september 1981.
- Tabell 11: Vindfrekvenser fra Ås for oktober 1981.
- Tabell 12: Vindfrekvenser fra Ås for november 1981.
- Tabell 13: Månedsvis stabilitetsfrekvens (i fire klasser) fordelt over døgnet, basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås: a) september 1981, b) oktober 1981, c) november 1981.
- Tabell 14: Frekvens (i %) av vind og stabilitet fra Ås (klassifisering som tabell 6) i  
a) september 1981, b) oktober 1981, c) november 1981.
- Tabell 15: Nedbørmålinger fra Tangen, Brevik i  
a) september 1981, b) oktober 1981, c) november 1981.





Tabell 1

VINDROSE FRA RS 1/ 9-81 - 30/11-81													
SEKTOR	VINDROSE KL.									DØGN			
	1	4	7	10	13	16	19	22					
20- 40	3.3	3.3	4.4	7.7	6.6	3.3	2.2	4.4	4.5				
50- 70	2.2	5.5	6.6	5.3	1.1	8.8	8.8	4.4	4.8				
80-100	7.7	7.7	8.8	7.7	9.9	7.7	5.5	6.6	7.8				
110-130	4.4	3.3	6.6	7.7	12.1	6.6	5.5	5.5	6.0				
140-160	5.5	5.5	4.4	5.5	11.0	14.3	11.0	5.5	7.6				
170-190	5.5	6.6	6.6	7.7	4.4	12.1	11.0	11.0	7.6				
200-220	11.0	9.9	7.7	6.6	11.0	11.0	8.8	7.7	9.5				
230-250	7.7	5.5	6.6	6.6	7.7	3.3	4.4	9.9	6.3				
260-280	4.4	3.3	4.4	2.2	5.5	5.5	7.7	3.3	4.7				
290-310	3.3	5.5	2.2	9.9	5.5	5.5	7.7	6.6	6.4				
320-340	30.8	31.0	22.0	22.0	17.6	9.9	15.4	24.2	20.9				
350- 10	11.0	8.8	15.4	9.9	4.4	7.7	7.7	6.6	9.4				
STILLE	3.3	3.3	4.4	3.3	3.3	4.4	4.4	4.4	3.7				
ANT. OBS.	91	91	91	91	91	91	91	91	2179				
MIDL.VIND	2.5	2.5	2.4	2.6	3.0	3.1	2.7	2.5	2.7				
VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													3.7
0.3- 2.0 M/S	2.7	2.8	2.8	2.0	2.8	2.3	2.4	2.1	1.7	3.6	10.3	4.3	39.8
2.1- 4.0 M/S	1.5	1.5	2.2	2.6	2.8	3.7	4.0	2.6	1.7	1.8	8.7	3.9	37.0
4.1- 6.0 M/S	.3	.4	2.5	1.6	1.7	1.2	2.3	1.0	1.1	.8	1.1	.9	14.8
OVER 6.0 M/S	.0	.1	.2	.7	.3	.4	.8	.6	.2	.2	.7	.3	4.6
TOTAL	4.5	4.8	7.9	6.9	7.6	7.6	9.5	6.3	4.7	6.4	20.9	9.4	100.0
MIDL.VIND M/S	2.2	2.2	3.0	3.3	2.9	3.0	3.4	3.1	2.9	2.4	2.4	2.5	2.7
ANT. OBS.	98	105	169	150	165	166	207	137	102	139	455	205	2179
MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.7 M/S, BASERT PÅ 2184 OBSERVASJONER													

Tabell 2

VINDROSE FRA HERØYA 1/ 9-81 - 30/11-81													
SEKTOR	VINDROSE KL.									DØGN			
	1	4	7	10	13	16	19	22					
20- 40	27.5	35.2	36.3	35.6	25.3	22.0	37.4	34.1	30.9				
50- 70	4.4	5.5	7.7	6.7	4.4	3.3	2.2	4.4	4.7				
80-100	1.1	1.1	4.4	8.9	7.7	4.4	1.1	2.2	4.1				
110-130	3.3	4.4	3.3	1.1	7.7	7.7	4.4	5.5	4.9				
140-160	11.0	12.1	11.0	13.3	11.0	24.2	24.2	15.4	15.1				
170-190	3.3	3.3	1.1	4.4	7.7	4.4	3.3	3.3	3.3				
200-220	4.4	3.3	1.1	4.4	7.7	3.3	0.0	6.6	4.3				
230-250	6.6	3.3	5.5	2.2	6.6	5.5	9.9	3.3	5.3				
260-280	5.5	4.4	4.4	5.6	6.6	8.8	4.4	6.6	6.0				
290-310	0.0	2.2	0.0	3.3	1.1	1.1	3.3	0.0	1.8				
320-340	2.2	0.0	4.4	2.2	5.5	3.3	3.3	4.4	3.2				
350- 10	29.6	24.2	19.8	12.2	8.8	12.1	6.6	14.3	15.8				
STILLE	2.2	1.1	1.1	0.0	0.0	0.0	0.0	0.0	.5				
ANT. OBS.	91	91	91	90	91	91	91	91	2183				
MIDL.VIND	2.3	2.3	2.4	2.8	3.1	3.3	2.8	2.6	2.7				
VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.5
0.3- 2.0 M/S	16.8	1.7	1.5	1.9	5.5	.8	1.6	1.3	1.8	.2	.8	6.4	40.4
2.1- 4.0 M/S	10.8	1.0	1.4	1.8	7.0	1.9	2.0	3.0	2.8	.5	1.4	7.8	41.4
4.1- 6.0 M/S	1.9	1.5	1.0	1.1	2.1	.5	.6	.7	1.2	.9	.7	.9	13.1
OVER 6.0 M/S	1.4	.5	.2	.1	.5	.1	.1	.3	.1	.2	.3	.8	4.7
TOTAL	30.9	4.7	4.1	4.9	15.1	3.3	4.3	5.3	6.0	1.8	3.2	15.8	100.0
MIDL.VIND M/S	2.3	3.3	3.2	2.9	2.8	3.0	2.7	3.0	2.9	4.3	3.3	2.6	2.7
ANT. OBS.	675	102	89	108	330	73	94	116	130	40	69	346	2183
MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.7 M/S, BASERT PÅ 2183 OBSERVASJONER													

Tabell 3

VINDROSE FRA SAGA										
1/ 9-81 - 30/11-81										
SEKTOR	VINDROSE KL.									DØGN
	1	4	7	10	13	16	19	22	25	
20- 40	13.8	8.4	12.5	15.8	18.3	10.0	13.6	10.2	12.8	
50- 70	5.2	0.0	5.4	17.5	10.0	5.0	3.4	1.7	5.2	
80-100	0.0	1.7	0.0	1.8	0.0	0.0	1.7	0.0	1.0	
110-130	1.7	1.7	1.8	1.8	10.0	3.3	0.0	1.7	2.7	
140-160	3.4	5.2	3.6	8.8	6.7	5.0	5.1	6.8	5.4	
170-190	5.2	1.7	3.6	5.3	15.0	18.3	13.6	3.4	8.3	
200-220	13.8	17.2	14.3	15.8	10.0	21.7	11.0	15.3	14.0	
230-250	3.4	3.4	5.4	5.3	6.7	3.3	3.4	10.2	5.6	
260-280	12.1	5.2	1.8	3.5	5.0	5.0	6.8	6.8	6.6	
290-310	5.2	8.6	7.1	1.8	6.7	5.0	15.3	11.0	7.0	
320-340	10.3	17.2	14.3	7.0	1.7	8.3	3.4	6.8	8.0	
350- 10	10.3	22.4	16.1	7.0	6.7	8.3	6.8	11.0	12.4	
STILLE	15.5	6.9	14.3	8.8	3.3	6.7	15.3	13.6	9.3	
ANT.OBS.	58	58	56	57	60	60	59	59	1400	
MIDL.VIND	2.0	1.9	1.9	2.3	2.9	3.2	2.6	2.3	2.4	

VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													9.3
.3- 2.0 M/S	7.7	2.9	.8	1.0	.6	1.2	4.4	2.2	2.1	3.4	5.9	9.6	41.9
2.1- 4.0 M/S	2.7	1.6	.2	1.1	.9	2.9	7.9	2.7	3.6	2.3	1.6	2.3	29.7
4.1- 6.0 M/S	2.2	.8	0.0	.6	2.4	2.5	2.4	.4	.9	2.1	.5	.3	15.2
OVER 6.0 M/S	.1	0.0	0.0	0.0	1.6	1.7	.1	.2	0.0	0.0	0.0	.1	3.9
TOTAL	12.8	5.2	1.0	2.7	5.4	8.3	14.9	5.6	6.6	7.9	8.0	12.4	100.0

MIDL.VIND M/S	2.2	2.2	1.6	3.0	5.0	4.2	3.0	2.5	2.7	2.6	1.6	1.5	2.4
ANT. OBS.	179	73	14	38	76	116	209	78	92	110	112	173	1400

MIDLERE VINDSTYRKE FOR HELE DATASETET ER 2.4 M/S, BASERT PR 1455 OBSERVASJONER

Tabell 4

VINDROSE FRA RAFNES										
1/ 9-81 - 30/11-81										
SEKTOR	VINDROSE KL.									DØGN
	1	4	7	10	13	16	19	22	25	
20- 40	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	.2	
50- 70	1.5	1.6	3.0	7.5	6.5	1.6	2.0	1.5	2.0	
80-100	4.5	8.1	6.0	13.4	9.7	14.1	5.9	5.9	8.4	
110-130	3.0	6.5	7.5	10.4	17.7	9.4	7.4	5.0	8.5	
140-160	13.4	8.1	6.0	4.5	16.1	26.6	14.7	13.2	11.4	
170-190	6.0	4.8	10.4	11.0	9.7	4.7	8.8	10.3	9.5	
200-220	4.5	0.0	3.0	3.0	3.2	4.7	2.9	5.9	3.7	
230-250	6.0	6.5	1.5	1.5	3.2	4.7	8.8	5.9	4.5	
260-280	6.0	6.5	10.4	3.0	3.2	3.1	4.4	7.4	4.7	
290-310	31.3	40.3	37.3	25.4	9.7	18.8	20.4	35.3	29.7	
320-340	23.9	17.7	14.9	17.9	21.0	12.5	14.7	8.8	16.5	
350- 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.1	
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.1	
ANT.OBS.	67	62	67	67	62	64	68	68	1584	
MIDL.VIND	2.9	3.3	3.4	3.9	4.5	4.1	3.8	3.3	3.7	

VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.1
.3- 2.0 M/S	.1	.7	1.6	.8	1.1	.7	.6	.5	.8	5.3	3.6	.1	15.8
2.1- 4.0 M/S	.1	2.0	3.0	2.3	4.4	4.0	2.0	2.0	3.2	21.3	8.7	0.0	54.0
4.1- 6.0 M/S	0.0	.3	1.8	2.3	2.9	4.1	1.1	1.1	.4	2.1	1.6	0.0	17.7
OVER 6.0 M/S	0.0	0.0	2.0	3.0	3.0	.6	0.0	.1	.3	.9	2.6	0.0	12.4
TOTAL	.2	2.9	8.4	8.5	11.4	9.5	3.7	4.5	4.7	29.7	16.5	.1	100.0

MIDL.VIND M/S	2.0	2.8	4.1	5.3	4.7	4.2	3.4	3.3	3.0	2.8	3.6	1.4	3.7
ANT. OBS.	3	46	133	134	180	150	58	72	74	470	262	1	1584

MIDLERE VINDSTYRKE FOR HELE DATASETET ER 3.5 M/S, BASERT PR 2062 OBSERVASJONER

Tabell 5

Vindrose fra Ås  
høst 1976-80

SEKTOR	VINDROSE KL.									
	1	4	7	10	13	16	19	22	DAG"	
20-40	8.5	8.7	8.5	6.0	7.5	10.4	8.3	8.4	8.5	
50-70	4.5	4.7	5.7	5.5	5.0	6.3	5.3	4.7	5.3	
80-100	3.5	3.0	4.2	4.0	4.0	4.9	4.8	4.2	3.9	
110-130	2.2	3.2	2.5	4.0	7.0	7.4	5.0	5.7	4.5	
140-160	4.7	2.5	3.7	3.3	8.0	9.0	7.5	2.7	5.3	
170-190	6.2	4.2	3.0	6.5	5.3	9.2	7.3	5.7	6.0	
200-220	9.2	6.7	9.7	7.1	7.3	9.4	11.5	8.4	8.7	
230-250	6.0	7.0	5.2	6.0	6.3	7.4	8.0	7.2	6.6	
260-280	5.0	6.7	5.2	5.7	7.8	5.6	6.5	6.4	6.3	
290-310	17.2	18.7	16.7	18.1	14.0	9.1	11.8	15.1	14.8	
320-340	22.7	21.7	24.4	19.6	14.0	8.9	11.8	17.6	17.6	
350-10	10.2	12.7	12.5	14.1	12.0	17.2	12.5	12.2	12.4	
STILLE	0.0	0.0	0.0	0.0	1.0	0.0	0.0	.2	.1	
ANT. OBS.	401	401	401	397	399	394	400	404	9503	
MIDL. VIND	2.8	2.9	2.9	3.0	3.1	3.2	2.9	2.9	3.0	

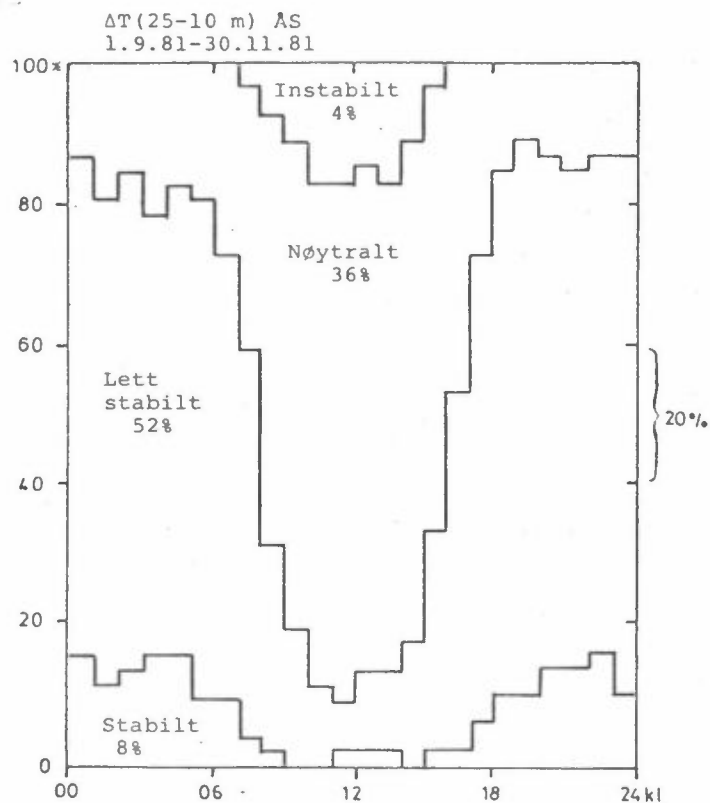
  

VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.1
.3-2.0 M/S	1.9	1.5	1.5	2.2	2.3	1.9	1.7	2.0	2.3	5.1	7.2	3.6	33.1
2.1-4.0 M/S	4.8	3.0	1.5	1.7	1.7	2.8	4.0	2.8	2.0	7.1	8.5	5.1	44.8
4.1-6.0 M/S	1.8	.8	.5	.5	1.0	1.0	2.7	1.5	1.2	1.4	1.4	2.9	16.9
OVER 6.0 M/S	.1	0.0	.5	.1	.4	.4	.4	.3	.8	1.2	.5	.8	5.2
TOTAL	8.5	5.3	3.5	4.5	5.5	6.0	8.7	6.6	6.3	14.8	17.6	12.4	100.0
MIDL. VIND M/S	3.1	2.9	2.9	2.4	3.0	3.0	3.5	3.1	3.3	2.9	2.5	3.2	3.0
ANT. OBS.	320	509	344	429	513	575	834	429	608	1421	1691	1190	9523

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 3.0 M/S, BART PÅ 10592 OBSERVASJONER

Tabell 6

Stabilitet basert  
på temperatur-  
forskjell  
 $\Delta t(25-10)$  m Ås



FREKVENNS AV FØRSKJELLIGE STABILITETER

Høst 1981

	GRUPPE 1 $x = (< -0.5)$	GRUPPE 2 $x = (-0.5 - < 0.0)$	GRUPPE 3 $x = (0.0 - < 0.5)$	GRUPPE 4 $x = (0.5 - >)$
1	0.00	12.09	72.53	15.38
2	0.00	17.58	70.33	12.09
3	0.00	14.29	72.53	13.19
4	0.00	19.78	64.84	15.38
5	0.00	16.48	69.13	15.38
6	0.00	18.68	71.43	0.89
7	0.00	25.27	63.74	10.99
8	2.20	37.36	56.04	4.40
9	5.49	62.64	29.67	2.20
10	10.99	68.13	20.98	0.00
11	15.38	72.53	12.09	0.00
12	16.48	73.63	8.79	1.10
13	14.29	72.53	10.99	2.20
14	16.48	69.23	12.09	2.20
15	10.99	71.43	17.58	0.00
16	2.20	63.74	31.87	2.20
17	0.00	45.05	52.75	2.20
18	0.00	26.37	63.13	5.49
19	0.00	13.19	75.82	10.99
20	0.00	10.99	79.12	0.89
21	0.00	12.09	74.73	13.19
22	0.00	13.19	72.53	14.29
23	0.00	12.09	71.43	16.48
24	0.00	12.09	78.92	9.89
	3.94	35.85	52.34	7.98

2184 ORS.

Instabilt    Nøytralt    Lett stabilt    Stabilt

Tabell 7

Vind : Ås  
 Stabilitet: ΔT (25-10 m)  
 Periode : 19.-30.11.1981

Vindstyrke	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				ROSE
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
30	.0	1.4	1.0	.2	.0	1.2	.6	.0	.0	.2	.0	.0	.0	.0	.0	.0	4.6
60	.0	1.1	1.2	.3	.0	.5	1.1	.0	.0	.3	.1	.0	.0	.0	.0	.1	4.7
90	.0	1.1	1.4	.1	.0	1.0	1.5	.0	.0	1.7	.6	.0	.0	.1	.1	.0	7.6
120	.1	.7	.7	.5	.0	1.3	1.1	.1	.0	1.1	.6	.0	.0	.4	.5	.0	7.1
150	.3	.6	1.1	.9	.4	1.4	.9	.1	.0	.8	.8	.0	.0	.3	.1	.0	7.7
180	.2	.6	1.1	.2	.0	.7	2.8	.1	.0	.6	.7	.0	.0	.3	.1	.0	7.6
210	.3	.2	1.3	.3	.0	1.0	2.9	.1	.0	.6	1.8	.0	.0	.2	.6	.0	9.4
240	.1	.4	1.1	.3	.1	.5	2.0	.1	.1	.2	.7	.0	.0	.2	.4	.0	6.4
270	.0	.6	.8	.3	.0	.4	1.3	.0	.0	.6	.4	.0	.0	.1	.1	.0	4.7
300	.3	1.0	1.7	.5	.2	.5	1.1	.0	.1	.4	.5	.0	.0	.0	.1	.0	6.2
330	.7	3.1	4.5	.9	.6	1.8	5.6	1.7	.0	.5	.6	.0	.0	.4	.4	.0	20.9
360	.2	1.4	2.0	.7	.0	1.0	2.3	.7	.0	.3	.6	.0	.0	.1	.1	.0	9.5
STILLE	.0	2.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6
TOTAL	2.3	15.0	19.1	4.9	1.4	11.3	23.0	3.0	.3	7.4	7.5	0.0	0.0	2.2	2.7	0.0	100.0

FORDELING PR VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
41.5	38.7	15.2	4.8

FORDELING AV STABILITETSKLASSENE

3.9	35.8	52.3	7.9
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ANTALL TIDER = 2184, ANTALL OBSERVASJONER = 2179



Tabell 10

VINDROSE FRA 80  
 STATISTISKE TILSKRIFTER FOR PERIODEN:  
 1/ 2-81 - 31/11-81 FRA TAP 1

PERIOD: SEPTEMBER 1981

SEKTOR	VINDROSE KL.									
	1	4	7	10	13	16	19	22	DAGH	
20-40	3.0	3.3	6.7	6.7	3.3	3.3	0.0	3.3	3.0	
50-70	3.3	6.7	10.0	10.0	0.0	10.0	13.3	3.3	6.8	
80-100	13.3	16.7	16.7	11.0	13.3	10.0	6.7	10.0	12.0	
110-130	6.7	6.7	6.7	13.3	20.0	16.7	10.0	13.3	13.2	
140-160	13.3	3.3	3.3	11.0	20.0	36.7	26.7	13.3	15.3	
170-190	6.7	10.0	16.7	16.7	3.3	6.7	23.3	13.3	11.1	
200-220	13.3	16.7	3.3	6.7	16.7	10.0	6.7	13.3	11.5	
230-250	6.7	6.7	6.7	3.3	6.7	0.0	6.7	10.0	5.1	
260-280	3.3	0.0	6.7	3.3	6.7	3.3	0.0	0.0	2.4	
290-310	3.3	10.0	3.3	13.3	10.0	3.3	3.3	10.0	6.8	
320-340	26.7	16.7	10.0	3.3	0.0	0.0	0.0	10.0	9.3	
350- 10	3.3	3.3	6.7	3.3	0.0	0.0	3.3	0.0	2.2	
STILLE	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	.3	
ANT. OBS.	30	30	30	30	30	30	30	30	719	
MIDL.VIND	2.5	2.4	2.4	2.6	3.1	3.5	2.8	2.5	2.7	

VINDANALYSE

DORNHØDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.3
1.5- 2.0 M/S	2.6	3.0	4.6	2.5	3.6	4.0	3.2	1.8	1.1	4.3	6.7	1.9	40.3
2.1- 4.0 M/S	1.3	2.8	2.7	5.8	6.5	5.7	5.3	2.2	.0	1.4	2.5	.3	38.1
4.1- 6.0 M/S	0.0	.1	4.7	3.3	4.2	1.4	2.4	1.1	.4	1.1	.1	0.0	19.2
OVER 6.0 M/S	0.0	0.0	.4	1.5	1.9	0.0	.1	0.0	0.0	0.0	0.0	0.0	3.1
TOTAL	3.9	6.8	12.0	13.2	15.3	11.1	11.5	5.1	2.4	6.8	9.3	2.2	100.0
MIDL.VIND M/S	2.0	2.1	3.1	3.6	3.2	2.6	3.0	2.7	2.4	2.1	1.8	1.4	2.7
ANT. OBS.	28	49	85	95	110	80	43	37	17	49	67	16	719

MIDLENE VINDSTYRKE FOR HELE DATASETET ER 2.7 M/S. SASERT ER 720 OBSERVASJONER

Tabell 11

VINDROSE FRA 80  
 PERIOD: OKTOBER 1981

SEKTOR	VINDROSE KL.									
	1	4	7	10	13	16	19	22	DAGH	
20-40	9.7	11.0	6.5	9.7	6.5	3.2	0.0	6.5	5.1	
50-70	0.0	6.5	6.5	0.0	3.2	12.0	12.0	3.2	5.1	
80-100	9.7	3.2	3.2	6.5	9.7	6.5	6.5	6.5	7.7	
110-130	3.2	0.0	9.7	9.7	12.0	3.2	6.5	3.2	6.1	
140-160	3.2	9.7	6.5	3.2	6.5	6.5	6.5	3.2	5.4	
170-190	6.5	6.5	3.2	3.2	6.5	22.4	6.5	12.0	8.5	
200-220	9.7	3.2	9.7	6.5	9.7	6.5	6.5	3.2	8.3	
230-250	6.5	3.2	6.5	9.7	6.5	0.0	3.2	3.2	5.9	
260-280	6.5	3.2	0.0	3.2	3.2	9.7	12.0	9.7	6.2	
290-310	0.0	3.2	3.2	9.7	3.2	9.7	6.5	6.5	5.9	
320-340	35.5	48.6	32.3	22.6	25.8	9.7	22.0	41.9	27.7	
350- 10	9.7	12.0	12.0	16.1	6.5	6.5	3.2	0.0	10.0	
STILLE	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	.1	
ANT. OBS.	31	31	31	31	31	31	31	31	743	
MIDL.VIND	2.5	2.5	2.6	2.3	2.7	2.7	2.6	2.4	2.5	

VINDANALYSE

DORNHØDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.1
1.5- 2.0 M/S	3.0	2.9	2.6	2.6	3.0	2.3	2.2	2.4	2.4	3.2	14.0	5.9	44.6
2.1- 4.0 M/S	2.2	1.2	2.7	1.5	1.6	3.9	1.4	2.6	2.0	2.4	13.3	4.0	39.5
4.1- 6.0 M/S	0.0	.8	2.7	1.6	.8	1.7	1.5	.4	1.5	.3	.4	0.0	11.4
OVER 6.0 M/S	0.0	.3	.5	.7	0.9	.5	1.1	.4	.1	0.0	0.0	0.0	3.4
TOTAL	5.1	5.1	7.7	6.1	5.4	8.5	6.3	5.9	6.2	5.9	27.7	10.0	100.0
MIDL.VIND M/S	1.8	2.4	3.1	3.0	2.5	3.3	3.4	2.8	2.8	2.1	2.1	1.8	2.5
ANT. OBS.	38	39	57	45	40	53	47	44	46	44	205	74	743

MIDLENE VINDSTYRKE FOR HELE DATASETET ER 2.5 M/S. SASERT ER 744 OBSERVASJONER

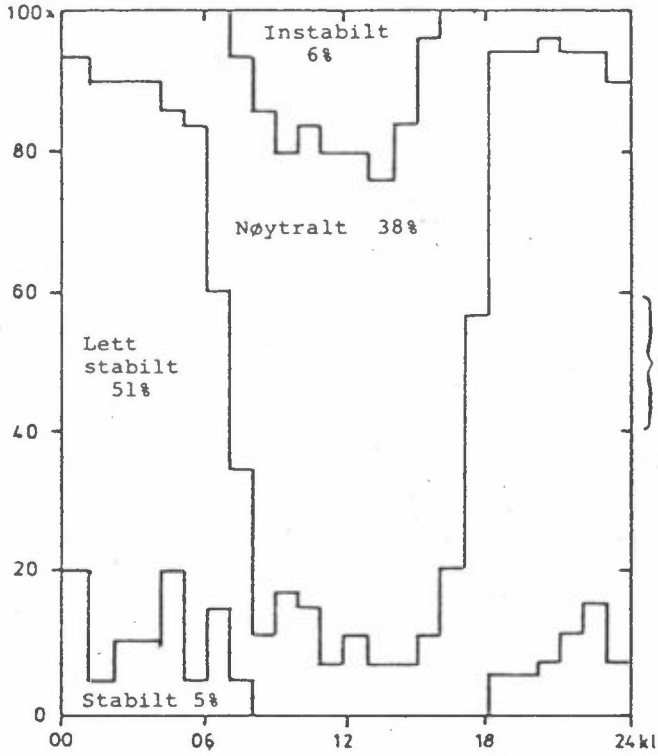
Tabell 12

VIIDROSE FRA 83													
PERIOD: NOVEMBER 1981													
	VIIDROSE KL.												
SEKTOR	1	4	7	10	13	16	19	22	DAGN				
20-40	0.0	6.7	0.0	6.7	10.0	3.3	6.7	3.3	4.5				
50-70	3.3	3.3	3.3	0.0	0.0	3.3	0.0	6.7	2.5				
80-100	0.0	3.3	6.7	6.7	6.7	6.7	3.3	3.3	3.6				
110-130	3.3	3.3	3.3	0.0	3.3	0.0	0.0	0.0	1.6				
140-160	0.0	3.3	3.3	3.3	6.7	0.0	0.0	0.0	2.1				
170-190	3.3	3.3	0.0	3.3	3.3	6.7	3.3	6.7	3.2				
200-220	10.0	10.0	10.0	6.7	6.7	16.7	13.3	6.7	10.7				
230-250	10.0	6.7	6.7	6.7	10.0	10.0	3.3	16.7	7.8				
260-280	3.3	6.7	6.7	0.0	6.7	3.3	10.0	0.0	5.4				
290-310	6.7	3.3	0.0	6.7	3.3	3.3	13.3	3.3	6.4				
320-340	30.0	30.0	23.3	40.0	26.7	20.0	16.7	20.0	25.4				
350- 10	20.0	10.0	26.7	10.0	6.7	16.7	16.7	20.0	16.0				
STILLE	10.0	10.0	10.0	10.0	10.0	10.0	13.3	13.3	10.0				
ANT. OOS.	50	30	30	50	30	30	30	30	717				
MIDL. VIND	2.6	2.6	2.3	3.0	3.1	3.0	2.7	2.5	2.7				
VIIDANALYSE													
DAGN/IDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													10.0
0.3- 2.0 M/S	2.4	1.8	1.3	.8	2.0	.7	1.8	1.8	1.5	3.2	10.2	4.9	32.4
2.1- 4.0 M/S	1.1	.4	1.7	.4	.1	1.6	4.7	3.1	2.2	1.5	10.2	7.5	36.4
4.1- 6.0 M/S	.8	.3	.7	.1	0.0	.6	3.1	1.5	1.3	1.1	2.8	2.6	14.0
OVER 6.0 M/S	.1	0.0	0.0	0.1	0.0	.6	1.1	1.4	.6	.6	2.2	1.0	7.4
TOTAL	4.5	2.5	3.6	1.4	2.1	3.2	10.7	7.8	5.4	6.4	25.4	16.0	100.0
MIDL. VIND M/S	2.7	1.9	2.4	1.9	1.5	3.7	3.6	3.6	3.2	2.9	2.9	3.1	2.7
ANT. OOS.	52	13	23	10	15	23	77	54	39	46	182	115	717
MIDLERE VINDSTYRKE FOR HELE DATASETET ER 2.7 M/S. PERSENT 83 720 OBSERVASJONER													

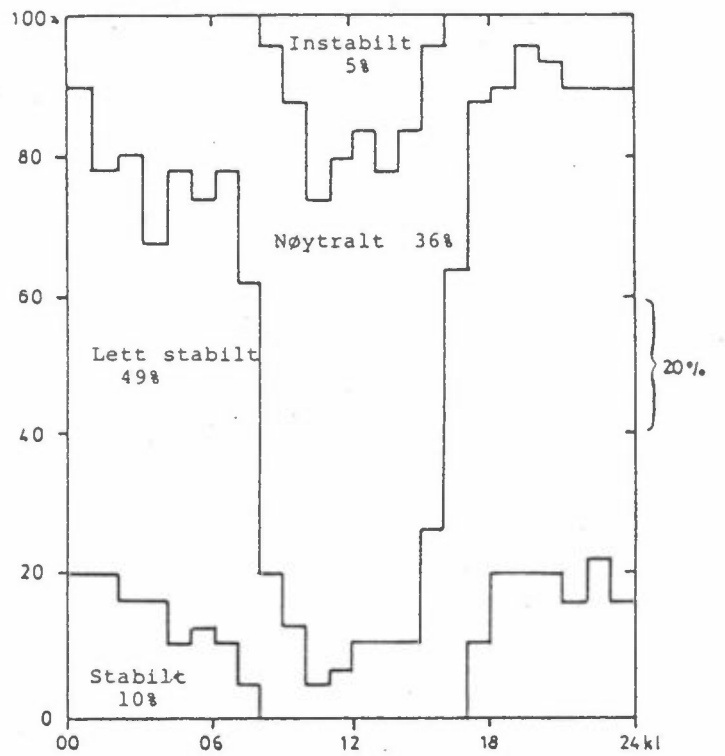


Tabell 13

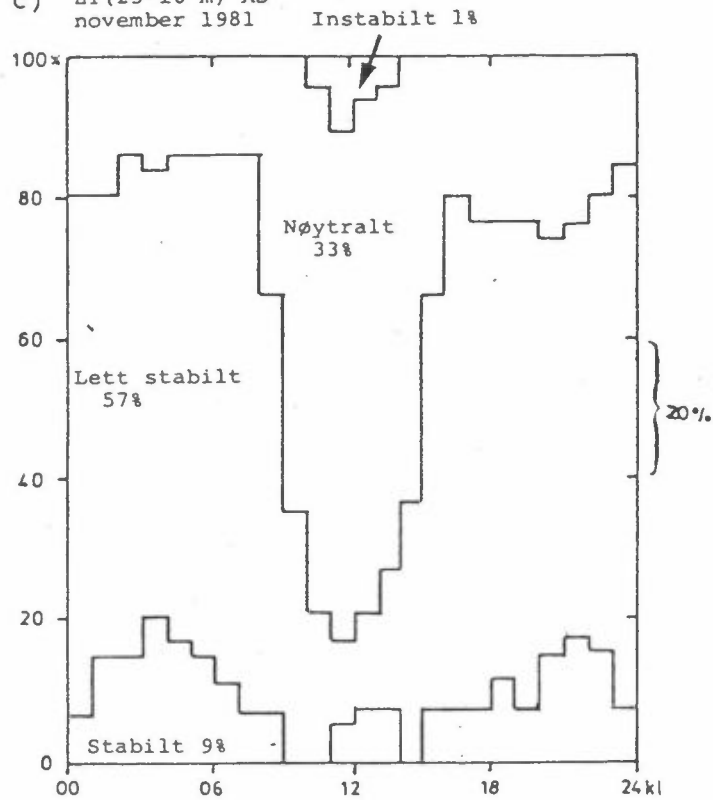
a)  $\Delta T(25-10 \text{ m})$  AS  
september 1981



b)  $\Delta T(25-10 \text{ m})$  AS  
oktober 1981



c)  $\Delta T(25-10 \text{ m})$  AS  
november 1981



VIND: ÅS  
 STABILITET: ΔT (25-10 m)  
 PERIODE: September 1981

Tabell 14

a)

VINDSTYRKE →	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				ROSE	
	STABILITET →	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3		4
30	.0	1.7	.4	.3	.0	.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
60	.0	1.9	1.4	.3	.0	.7	2.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	6.5
90	.0	1.5	2.4	.1	.0	1.5	2.2	.0	.0	2.3	1.1	.0	.0	.0	.1	.1	.0	12.0
120	.1	1.3	.8	.3	.0	2.6	1.2	.1	.0	1.7	1.8	.0	.0	.0	.7	1.1	.0	13.5
150	.1	1.0	1.9	.0	1.1	3.5	1.4	.4	.0	1.3	2.4	.0	.0	.7	.4	.0	.0	15.4
180	.0	.0	1.8	.4	.1	1.3	3.3	.0	.0	.5	1.0	.0	.0	.0	.0	.0	.0	11.0
210	.7	.4	1.8	.0	.1	1.2	3.5	.3	.0	.7	1.8	.0	.0	.0	.3	.0	.0	11.5
240	.1	.3	1.4	.0	.3	.7	1.3	.0	.0	.1	1.0	.0	.0	.0	.0	.0	.0	5.1
270	.0	.6	.6	.0	.0	.4	.3	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	2.5
300	.7	.5	2.4	.3	.4	.1	.7	.7	.4	.4	.3	.0	.0	.0	.0	.0	.0	6.7
330	.7	1.7	3.2	.8	.1	.7	1.5	.6	.0	.0	.1	.0	.0	.0	.0	.0	.0	9.5
360	.1	.6	.8	.3	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
STILLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	4.2	12.5	12.2	3.9	2.2	15.3	21.2	1.5	.4	11.3	9.5	0.0	.0	1.0	1.5	1.9	0.0	100.0

FORDDELING PR VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
38.7	39.2	18.6	3.5

FORDDELING AV STABILITETSKLASSENE

5.8	38.1	50.8	5.3
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ANTALL TIMER = 723, ANTALL OBSERVASJONER = 719

VIND: ÅS  
 STABILITET: ΔT(25-10 m)  
 PERIODE: Oktober 1981

b)

VINDSTYRKE →	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				ROSE	
	STABILITET →	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3		4
30	.0	1.5	1.2	.0	.0	2.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
60	.0	.7	1.5	.5	.0	.8	.4	.0	.0	.5	.3	.0	.0	.0	.0	.3	.0	5.0
90	.0	1.5	.2	.1	.0	.5	1.6	.0	.0	1.8	.7	.0	.0	.0	.1	.1	.0	7.4
120	.0	.0	1.2	.4	.0	.3	1.1	.3	.0	1.5	.1	.0	.0	.4	.3	.0	.0	5.3
150	.0	.7	.9	.4	.0	.8	1.1	.0	.0	.5	.1	.0	.0	.1	.0	.0	.0	5.5
180	.1	.0	1.2	.0	.1	.0	3.0	.7	.0	.7	1.1	.0	.0	.4	.1	.0	.0	8.5
210	.0	.0	.0	.3	.1	.3	1.3	.1	.0	.9	.5	.0	.0	.0	.0	1.1	.0	6.2
240	.0	.2	1.2	.4	.0	.4	2.3	.0	.3	.1	.7	.0	.0	.4	.0	.0	.0	6.1
270	.1	.3	1.2	.4	.0	.4	1.4	.0	.0	1.2	.3	.0	.0	.1	.0	.0	.0	6.2
300	.1	.0	1.5	.5	.0	.9	1.3	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	5.8
330	1.1	3.1	2.8	.0	1.2	2.7	7.7	3.4	.1	.0	.3	.0	.0	.0	.0	.0	.0	27.5
360	.0	2.4	3.1	.5	.1	1.5	1.5	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	10.4
STILLE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
TOTAL	4.2	12.5	12.2	4.8	1.3	11.8	23.7	4.7	.4	7.7	3.4	0.0	.0	1.0	1.4	1.9	0.0	100.0

FORDDELING PR VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
44.1	40.0	11.4	3.5

FORDDELING AV STABILITETSKLASSENE

5.7	36.5	49.0	9.6
-----	------	------	-----

ANTALL TIMER = 743, ANTALL OBSERVASJONER = 744

VIND: ÅS  
 STABILITET: ΔT(25-10 m)  
 PERIODE: November 1981

c)

VINDRETNING	VINDSTYRKE → 0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				HOSP
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
00	.0	1.0	.8	.3	.0	.4	1.7	.0	.0	.7	.1	.0	.0	.1	.1	.0	4.6
30	.0	.4	.7	.1	.0	.7	.7	.0	.0	.5	.0	.0	.0	.0	.0	.0	2.7
90	.0	.4	.8	.0	.0	1.1	.6	.0	.0	.7	.0	.0	.0	.0	.0	.0	3.5
120	.1	.7	.1	.5	.1	.1	.4	.0	.0	.3	.0	.0	.0	.0	.0	.0	1.4
150	.0	.6	.4	1.4	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
180	.1	.1	.4	.1	.0	.7	1.1	.5	.0	.6	.1	.0	.0	.4	.1	.0	3.2
210	.1	.0	1.4	.5	.0	.7	3.0	.0	.0	.1	3.1	.0	.0	.7	.4	.0	10.6
240	.0	.1	.0	.0	.1	.4	2.5	.4	.0	.4	1.1	.0	.0	.1	1.4	.0	8.0
270	.0	.5	.6	.6	.0	.4	1.0	.0	.0	.5	1.0	.0	.0	.1	.5	.0	5.5
300	.0	1.3	1.1	.6	.1	.3	1.1	.0	.0	.1	1.1	.0	.0	.1	.4	.0	6.3
330	.1	3.3	5.4	.8	.5	2.0	7.4	1.0	.0	1.4	1.4	.0	.0	1.3	1.1	.0	25.5
360	.1	1.1	2.0	1.3	.0	1.4	5.4	1.0	.0	.8	2.0	.0	.0	.4	.4	.0	15.0
STILLE	.0	8.4	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9
TOTAL	.4	17.2	17.3	6.1	.6	6.7	25.9	2.6	0.0	5.7	9.9	3.0	1.0	3.3	4.2	0.0100.0	

FORDELING PR VINDHASTIGHET

0.0- 2.0 M/S      2.0- 4.0 M/S      4.0- 6.0 M/S      OVER 6.0 M/S  
 41.0                      35.3                      15.6                      7.5

FORDELING AV STABILITETSCLASSENE

1.0                      32.9                      57.3                      8.8

ANTALL TIMER = 720. ANTALL OBSERVASJONER = 717

Tabell 15a)

BREVIK, TANGEN	SFP. 1981	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	SUN. M1
1	U.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0
3	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0
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	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	0.0
6	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.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	0.0
8	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0
9	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.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	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	0.0
12	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0
13	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.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	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	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	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	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	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	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	0.0
21	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0	U.0
25	.2	2.0	1.0	6.0	.1	.1	.1	.1	1.0	.5	.2	2.0	.2	.8	0.0	0.0	3.5	.4	.4	0.0	.7	.8	.6	.3	.7	.1
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	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	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	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	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

--- 31.6 ---



Tabell 15c

BREVIK, TANGEN II	NOV. 1981						SUM MI
	1	2	3	4	5	6	
1	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
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	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
6	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
8	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
10	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
12	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
14	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
16	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
18	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
20	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
22	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
24	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
26	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
28	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
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0

65.7

ANT. TILMER I/REGN: 54  
 ANT. DAGN II/REGN: 10

11 REFERANSER

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- (16) Sivertsen, B.  
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- (17) Sivertsen, B.  
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mark, sommeren 1981.  
Lillestrøm 1982. (NILU OR 11/82.)



VEDLEGG A

GRAFISK FRAMSTILLING AV TIDSFORLØPET AV:

TEMPERATUR (°C)

TEMPERATURDIFFERENS (25-10 M)

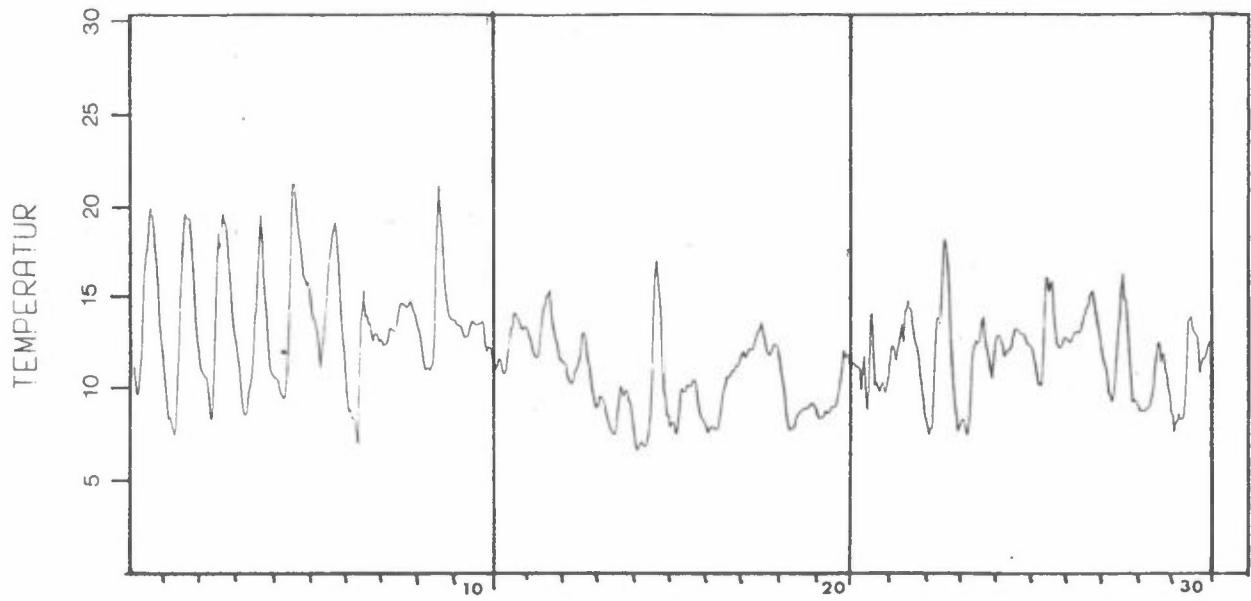
VINDHASTIGHET (M/S)

VINDRETNING (DEKAGRADER)

FOR MÅNEDENE SEPTEMBER, OKTOBER OG  
NOVEMBER 1981 VED ÅS.

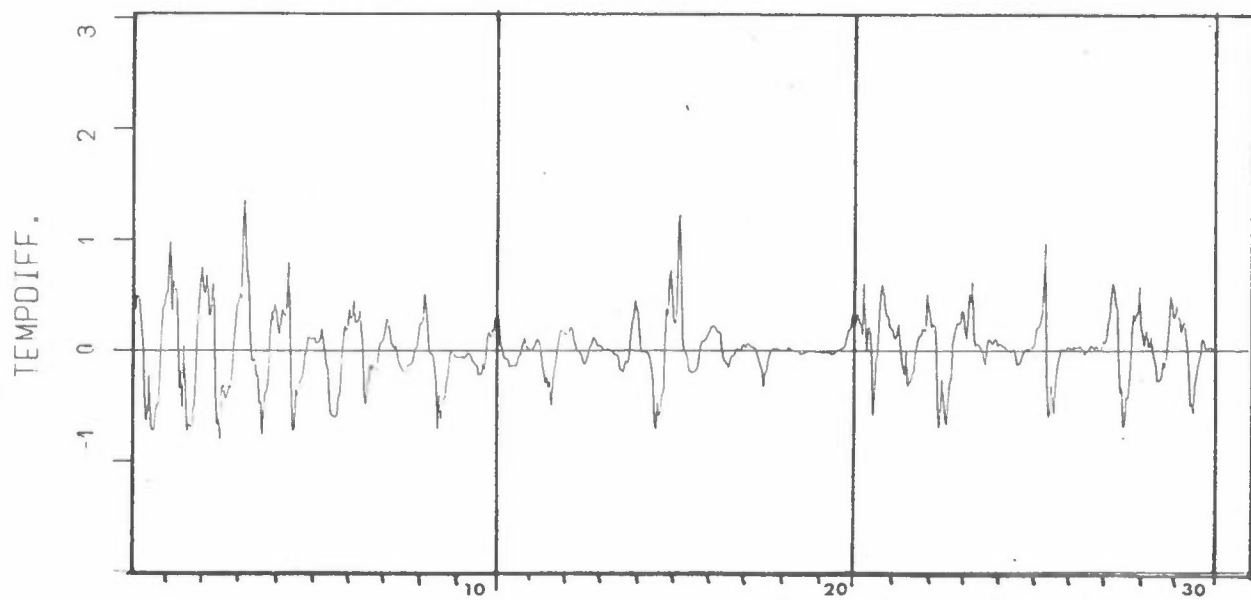
STASJON: 338 ÅS

PERIODE: SEPT 1981



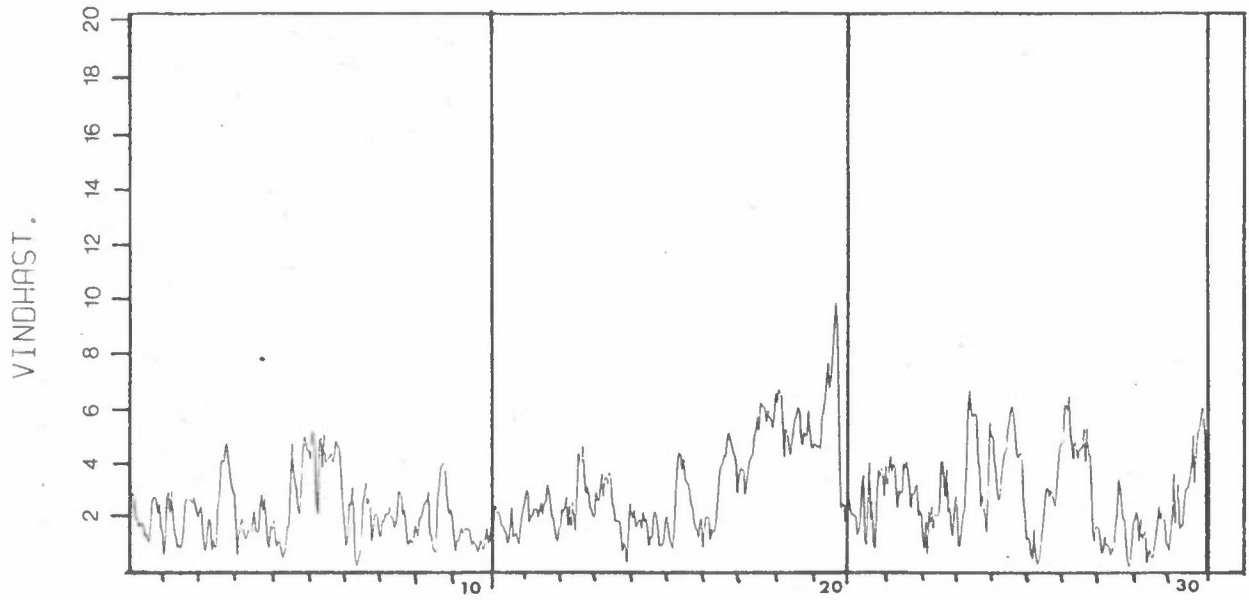
STASJON: 338 ÅS

PERIODE: SEPT 1981



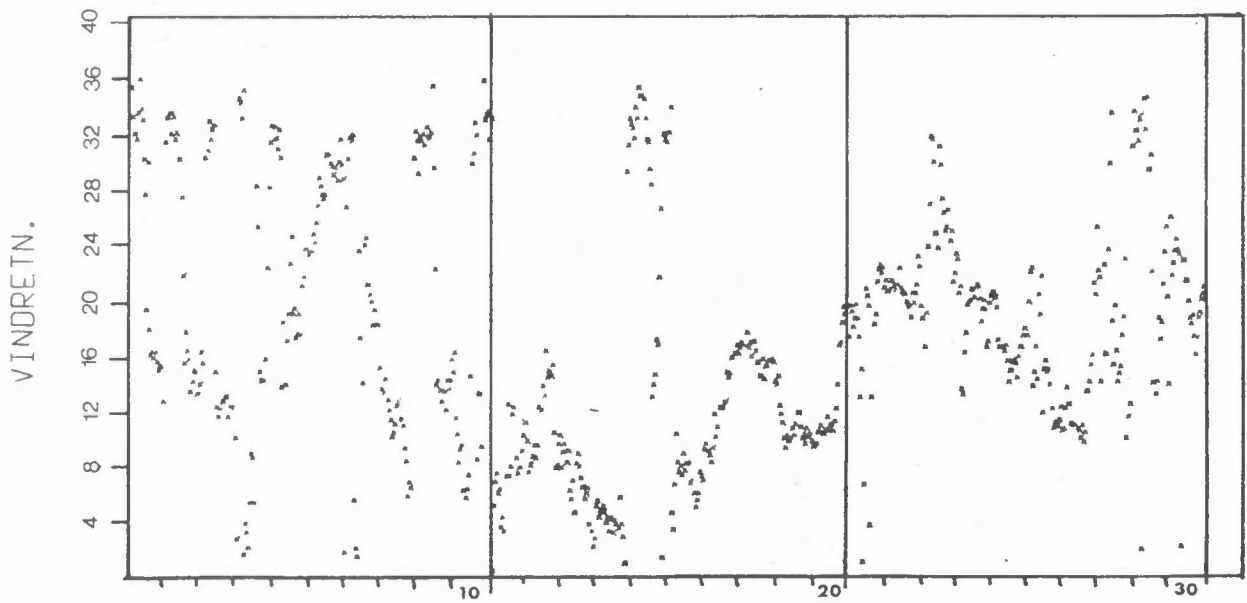
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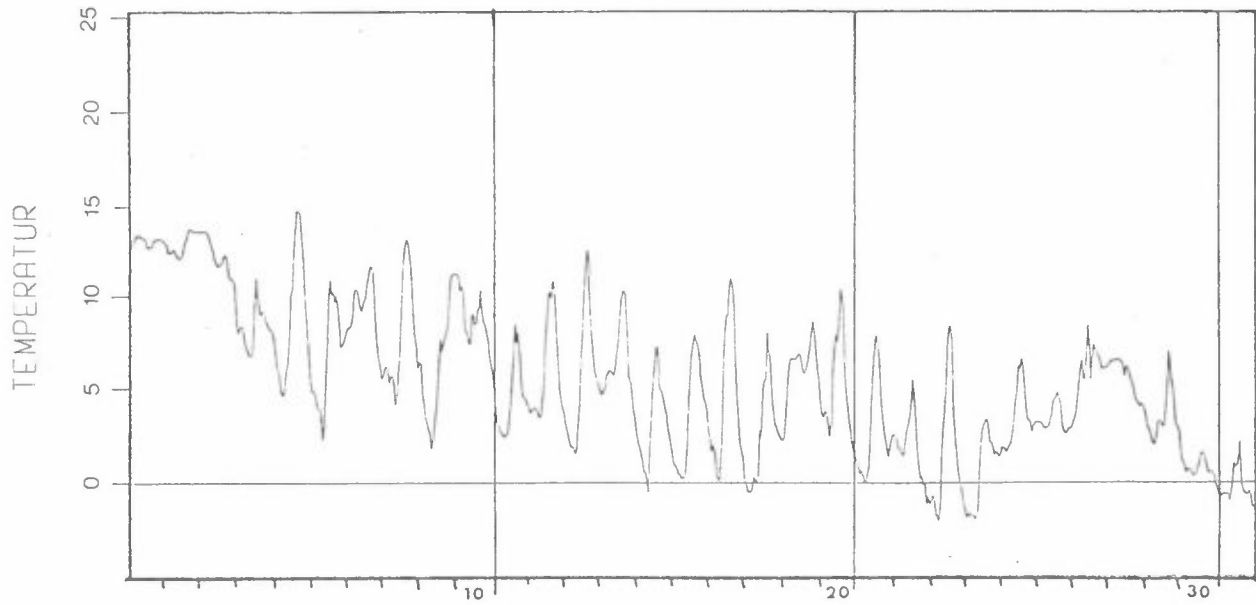
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PERIODE: SEPT 1981



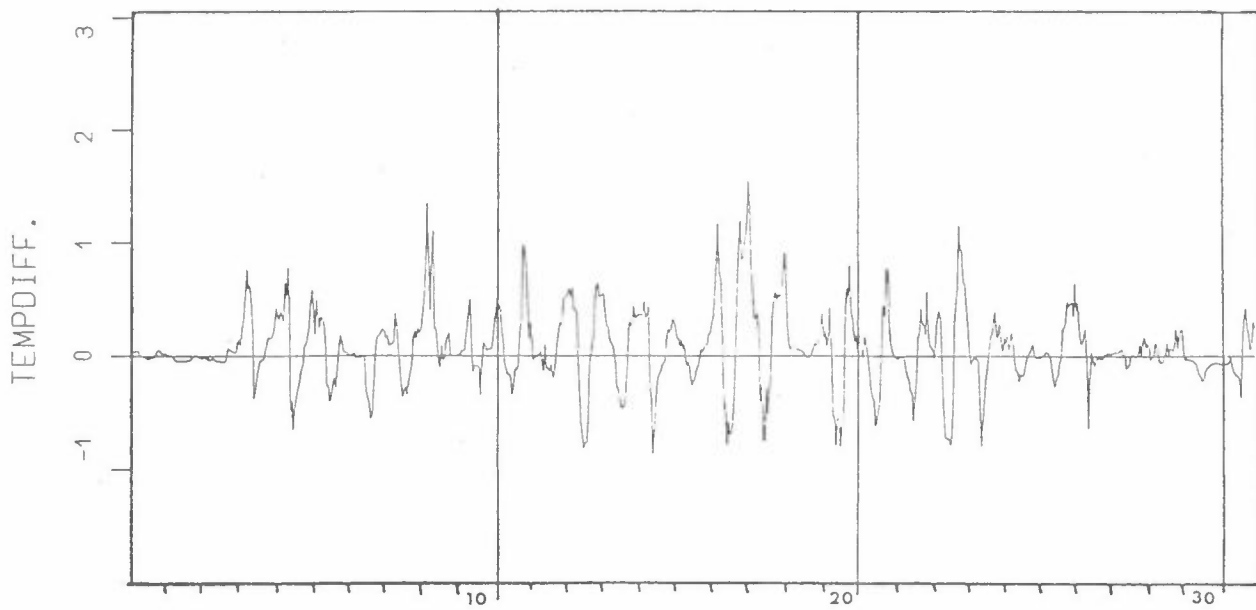
STASJON: 338 ÅS

PERIODE: OKT 1981



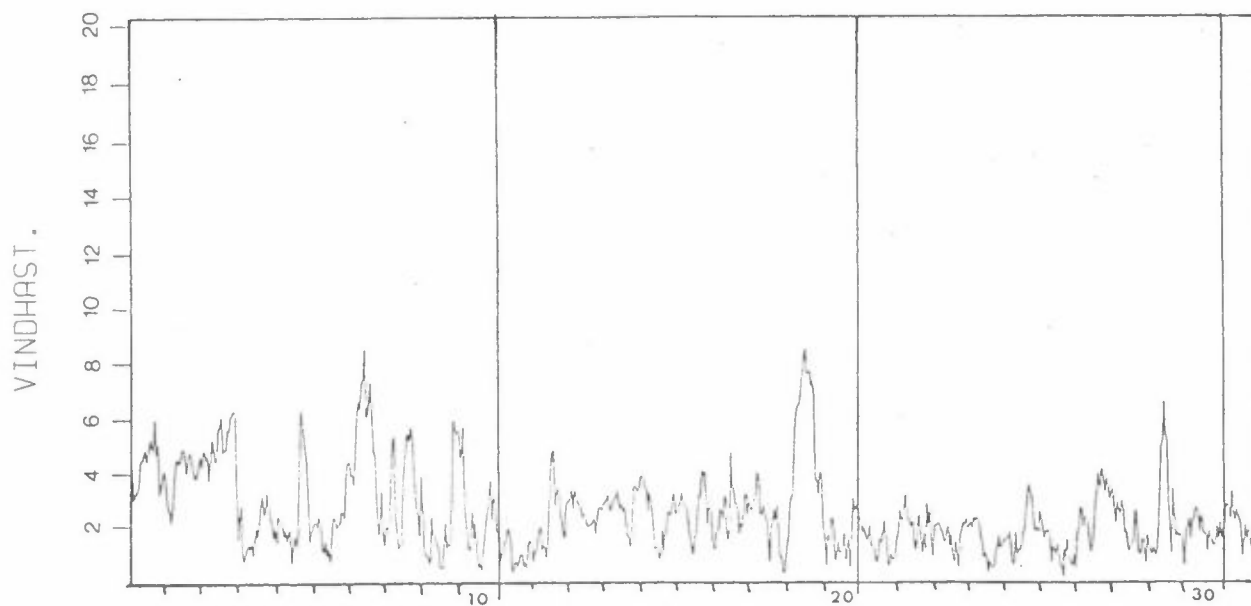
STASJON: 338 ÅS

PERIODE: OKT 1981



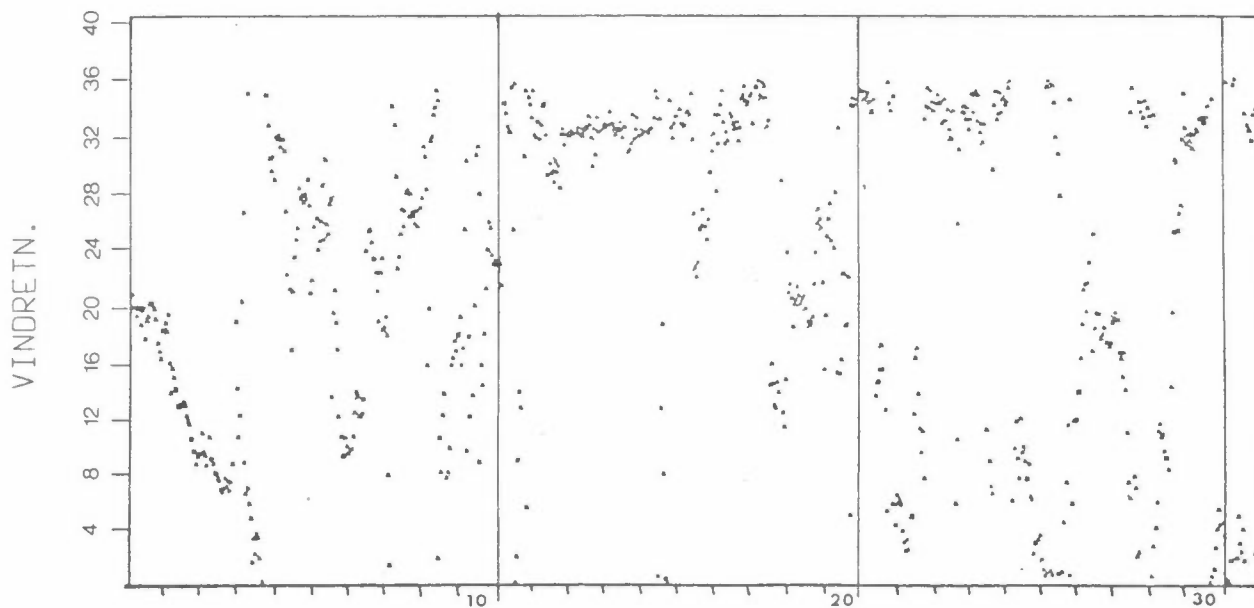
STASJON: 338 ÅS

PERIODE: OKT 1981



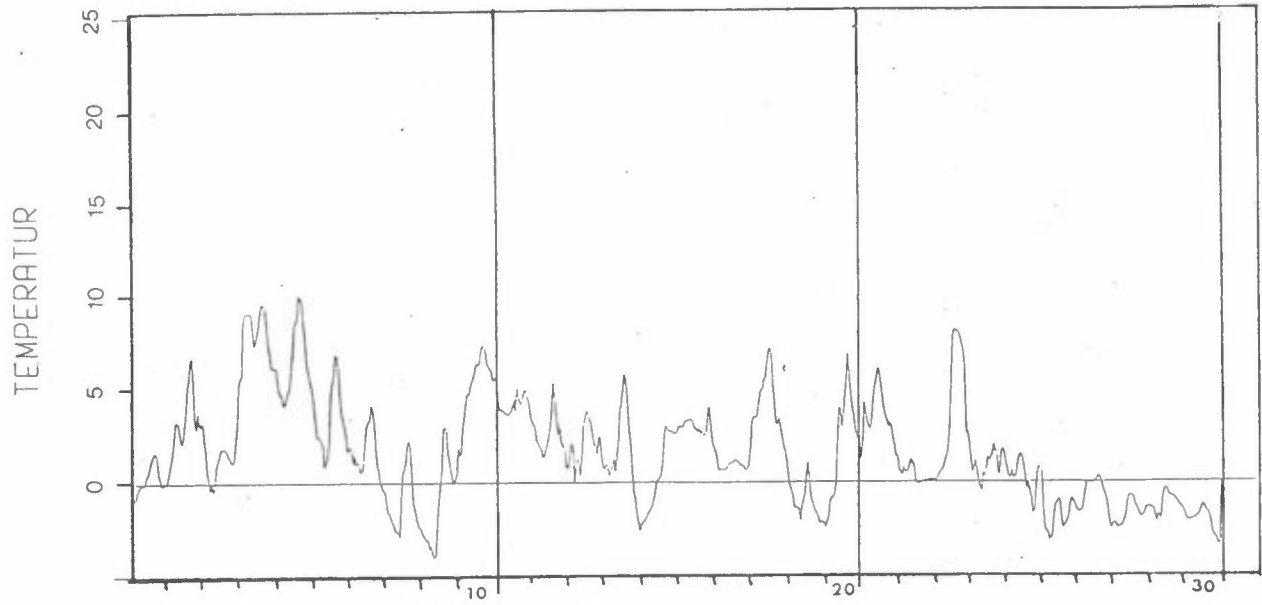
STASJON: 338 ÅS

PERIODE: OKT 1981



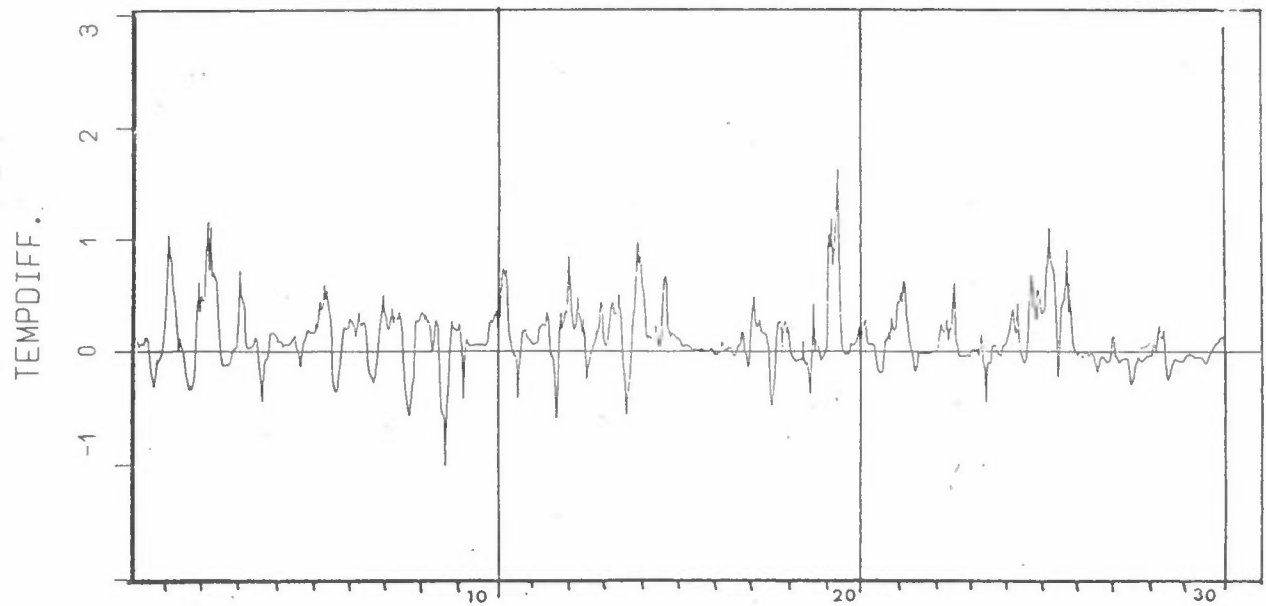
STASJON: 338 ÅS

PERIODE:NOV 1981



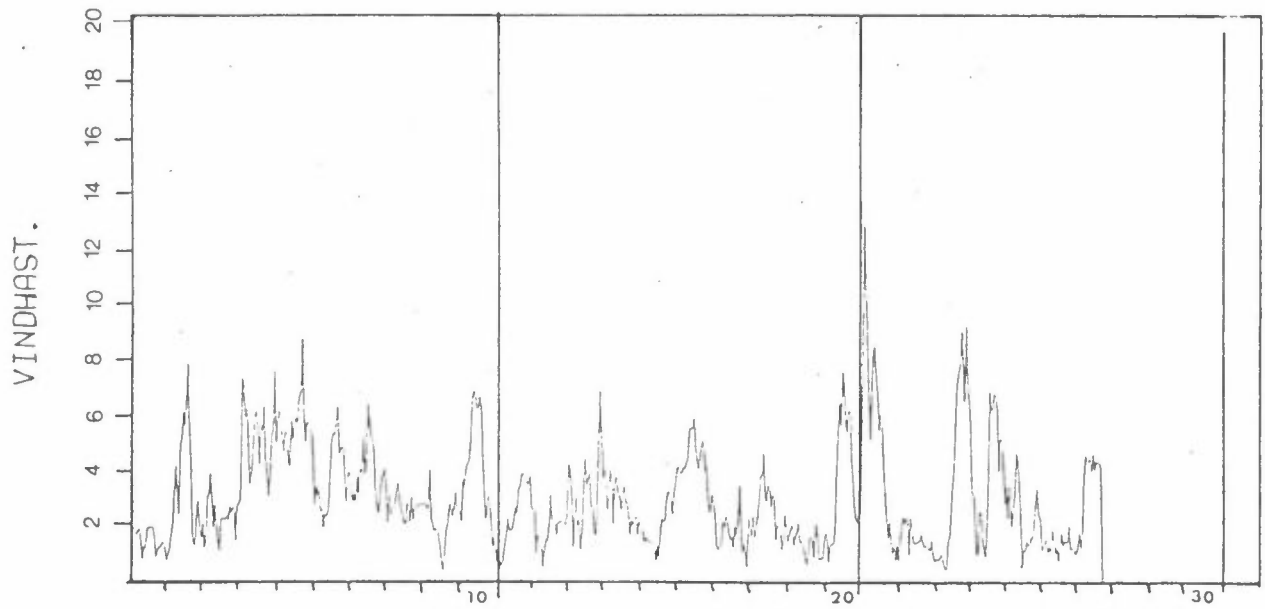
STASJON: 338 ÅS

PERIODE:NOV 1981



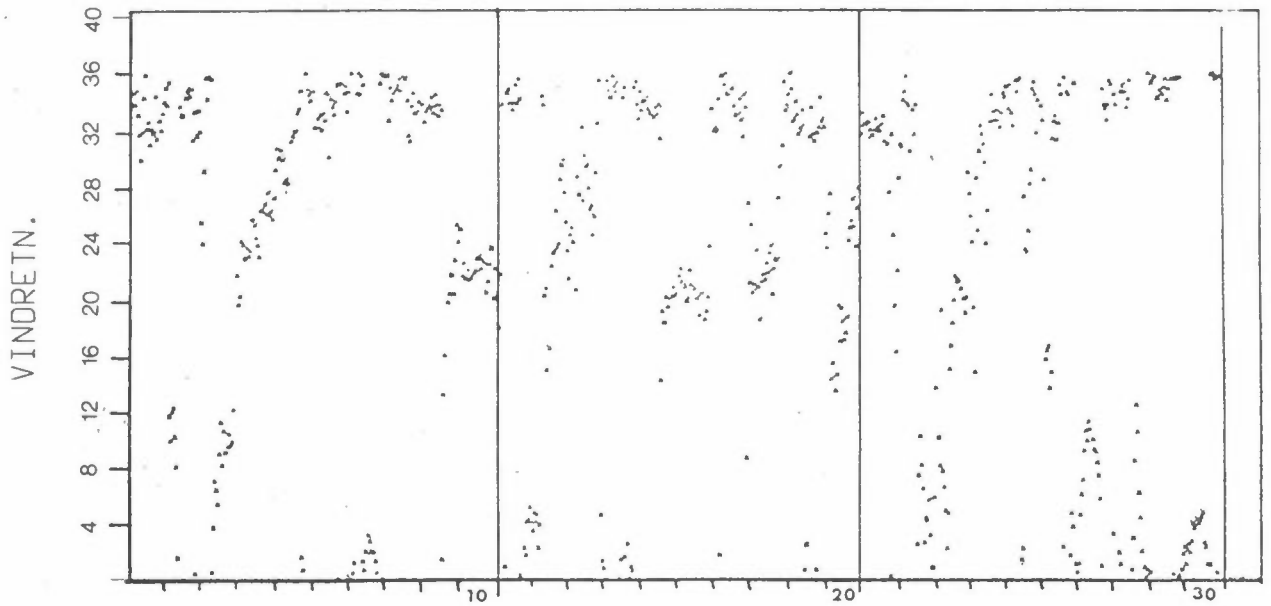
STASJON: 338 ÅS

PERIODE:NOV 1981



STASJON: 338 ÅS

PERIODE:NOV 1981



VEDLEGG B

LISTE AV TIMEVISE DATA FRA  
NEDRE TELEMARK  
1.9.81-30.11.81



FØLGENDE PARAMETRE ER GITT I DEN SYNOPTISKE LISTEN AV DATA:

T-ÅS = lufttemperatur ( $^{\circ}\text{C}$ ) 3 m over bakken ved Ås.  
DT-ÅS = temperaturforskjell ( $^{\circ}\text{C}$ ) 25-10 m ved Ås  
RH-ÅS = relativ fuktighet (%) 3 m over bakken ved Ås  
F-ÅS = vindstyrke (m/s) 25 m over bakken ved Ås  
D-ÅS = vindretning (dekagrader; 9 = vind fra øst,  
18 = vind fra sør, osv.)  
25 m over bakken ved Ås  
F-HER = vindstyrke (m/s) 30 m over bakken på Herøya  
D-HER = vindretning (dekagrader) på Herøya  
F-RA = vindstyrke (m/s) 20 m over bakken ved VCM kai Rafnes  
D-RA = vindretning (dekagrader) på Rafnes  
F-SA = vindstyrke (m/s) ... m over bakken ved Saga.  
D-SA = vindretning (dekagrader) Saga  
P-TA = nedbørmåling ved Tangen, Brevik

Observasjon 99 betegner manglende data. Tallet 10 eller 20 foran vindretningsangivelsen ved Ås angir at kvaliteten av middelvindretningen over timen er dårlig.

(20-data anvendes ikke i de statistiske bearbeidelsene).



	T-RS	DT-RS	PH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
1	9 81 1	11.4	.59	.78	2.6	35.	2.6	1.	2.1	31.	99.0	99.	0.0
1	9 81 2	11.3	.37	.86	2.8	33.	2.1	1.	2.1	33.	99.0	99.	0.0
1	9 81 3	10.5	.50	.89	2.7	32.	1.8	2.	3.2	31.	99.0	99.	0.0
1	9 81 4	9.7	.49	.94	1.9	32.	.7	3.	3.2	30.	99.0	99.	0.0
1	9 81 5	9.7	.38	.95	1.9	32.	1.1	2.	3.2	30.	99.0	99.	0.0
1	9 81 6	10.7	.22	.97	1.6	33.	1.4	2.	3.2	30.	99.0	99.	0.0
1	9 81 7	11.8	.04	.82	1.8	36.	1.4	2.	2.8	29.	99.0	99.	0.0
1	9 81 8	14.2	-.41	.71	1.7	34.	.9	2.	2.5	31.	99.0	99.	0.0
1	9 81 9	16.2	-.64	.65	1.8	33.	1.6	3.	2.8	31.	99.0	99.	0.0
1	9 81 10	17.3	-.55	.58	1.3	30.	.9	2.	2.5	30.	99.0	99.	0.0
1	9 81 11	17.6	-.21	.55	1.4	28.	1.3	12.	1.4	33.	99.0	99.	0.0
1	9 81 12	19.2	-.67	.45	1.2	1019.	1.7	16.	1.8	11.	99.0	99.	0.0
1	9 81 13	19.9	-.73	.40	1.1	1030.	1.9	20.	1.8	11.	99.0	99.	0.0
1	9 81 14	19.5	-.73	.45	1.6	18.	2.9	16.	2.5	11.	99.0	99.	0.0
1	9 81 15	18.7	-.55	.49	2.5	16.	3.0	16.	3.5	11.	99.0	99.	0.0
1	9 81 16	17.7	-.49	.51	2.7	16.	3.8	13.	5.6	12.	99.0	99.	0.0
1	9 81 17	16.9	-.50	.55	2.7	16.	3.1	16.	6.0	14.	99.0	99.	0.0
1	9 81 18	15.6	-.21	.58	2.5	16.	2.5	14.	5.3	14.	99.0	99.	0.0
1	9 81 19	13.6	.15	.73	2.1	16.	2.1	14.	4.2	15.	99.0	99.	0.0
1	9 81 20	12.6	.40	.82	2.5	15.	1.9	15.	4.2	12.	99.0	99.	0.0
1	9 81 21	12.0	.40	.89	1.6	15.	1.6	8.	2.1	14.	99.0	99.	0.0
1	9 81 22	11.0	.51	.97	1.5	15.	2.3	2.	1.8	15.	99.0	99.	0.0
1	9 81 23	10.1	.52	.99	.6	13.	2.1	2.	1.8	13.	99.0	99.	0.0
1	9 81 24	9.3	.85	.98	1.0	31.	1.9	2.	1.8	32.	99.0	99.	0.0
2	9 81 1	8.3	.99	.91	2.7	33.	1.9	1.	2.1	33.	99.0	99.	0.0
2	9 81 2	8.5	.36	.90	2.9	33.	2.4	1.	2.5	32.	99.0	99.	0.0
2	9 81 3	8.1	.64	.93	2.1	33.	1.7	1.	2.5	32.	99.0	99.	0.0
2	9 81 4	7.8	.54	.98	2.9	32.	1.7	1.	2.5	32.	99.0	99.	0.0
2	9 81 5	7.5	.56	.99	2.0	34.	1.9	1.	2.5	32.	99.0	99.	0.0
2	9 81 6	8.0	.27	.98	1.4	33.	1.1	2.	2.8	30.	99.0	99.	0.0
2	9 81 7	10.6	-.35	.92	1.2	32.	1.7	1.	1.8	33.	99.0	99.	0.0
2	9 81 8	12.5	-.18	.84	.9	32.	1.1	2.	2.5	32.	99.0	99.	0.0
2	9 81 9	15.4	-.51	.70	1.0	32.	.8	4.	2.1	32.	2.1	6.	0.0
2	9 81 10	16.8	.06	.65	.8	30.	.8	16.	1.8	9.	2.0	6.	0.0
2	9 81 11	18.5	-.35	.55	1.0	1027.	1.2	16.	1.4	9.	2.0	7.	0.0
2	9 81 12	19.5	-.74	.49	1.5	1022.	1.5	17.	1.8	8.	2.0	9.	0.0
2	9 81 13	19.3	-.66	.51	2.4	15.	2.8	16.	1.8	9.	2.2	18.	0.0
2	9 81 14	19.2	-.69	.51	2.6	18.	3.6	17.	3.9	9.	4.0	18.	0.0
2	9 81 15	19.3	-.70	.47	2.6	16.	2.8	16.	6.3	12.	4.6	17.	0.0
2	9 81 16	18.4	-.53	.51	2.7	16.	2.9	14.	6.0	13.	4.3	17.	0.0
2	9 81 17	17.1	-.49	.59	2.6	13.	3.1	13.	5.6	14.	4.0	17.	0.0
2	9 81 18	15.7	-.18	.67	2.4	13.	2.9	13.	6.3	13.	4.0	17.	0.0
2	9 81 19	13.8	.22	.79	2.7	14.	2.6	14.	5.3	12.	3.8	18.	0.0
2	9 81 20	12.6	.45	.85	2.4	15.	2.1	14.	4.2	13.	3.7	20.	0.0
2	9 81 21	12.1	.64	.97	2.1	15.	1.7	15.	3.2	13.	2.5	23.	0.0
2	9 81 22	11.3	.76	.95	2.0	13.	1.9	2.	1.8	16.	2.1	22.	0.0
2	9 81 23	10.9	.55	.96	2.3	13.	1.4	2.	1.4	18.	2.0	22.	0.0
2	9 81 24	10.9	.51	.98	2.4	14.	1.4	2.	1.4	32.	0.0	37.	0.0
3	9 81 1	10.7	.69	.96	1.5	16.	1.8	1.	1.4	33.	0.0	37.	0.0
3	9 81 2	10.7	.50	.92	.3	15.	1.6	1.	1.8	33.	0.0	37.	0.0
3	9 81 3	10.2	.31	.99	.7	1030.	1.8	2.	1.8	32.	0.0	37.	0.0
3	9 81 4	9.3	.36	1.00	1.5	31.	1.6	2.	1.8	32.	1.8	33.	0.0
3	9 81 5	8.3	.61	.98	1.9	33.	1.6	1.	2.5	32.	1.8	33.	0.0
3	9 81 6	8.3	.46	.98	1.9	32.	1.9	1.	2.5	32.	1.8	32.	0.0
3	9 81 7	10.9	-.42	.91	.8	32.	1.9	2.	2.5	32.	1.8	33.	0.0
3	9 81 8	13.7	-.67	.77	1.2	32.	1.7	1.	2.5	32.	1.8	5.	0.0
3	9 81 9	16.3	-.62	.65	.9	33.	1.1	4.	2.5	33.	1.8	6.	0.0
3	9 81 10	18.5	-.81	.58	.9	1015.	1.2	6.	1.8	7.	1.8	6.	0.0
3	9 81 11	17.6	-.34	.63	2.4	12.	1.5	14.	1.8	10.	1.8	5.	0.0
3	9 81 12	18.6	-.30	.64	2.8	12.	2.1	12.	2.1	11.	1.8	15.	0.0
3	9 81 13	19.5	-.41	.61	3.9	12.	3.4	11.	2.8	10.	2.7	13.	0.0
3	9 81 14	19.1	-.44	.62	4.1	12.	3.4	12.	4.6	11.	4.0	16.	0.0
3	9 81 15	18.8	-.38	.64	3.9	13.	3.6	12.	6.3	12.	5.1	17.	0.0
3	9 81 16	18.0	-.31	.70	4.6	13.	4.2	12.	7.0	13.	5.6	17.	0.0
3	9 81 17	16.8	-.35	.78	4.7	13.	4.3	12.	7.0	12.	4.5	17.	0.0
3	9 81 18	15.8	-.18	.87	4.0	13.	3.6	12.	6.3	12.	3.6	18.	0.0
3	9 81 19	14.4	.04	.94	3.5	12.	1.8	12.	6.0	12.	3.3	16.	0.0
3	9 81 20	13.4	.22	.97	3.1	12.	2.4	14.	4.9	12.	3.0	17.	0.0
3	9 81 21	12.8	.41	.99	2.9	12.	1.9	1.	3.5	12.	2.0	21.	0.0
3	9 81 22	12.4	.43	.99	2.8	12.	1.6	1.	2.1	13.	1.5	24.	0.0
3	9 81 23	11.7	.52	.99	1.7	10.	1.9	2.	1.4	14.	1.6	25.	0.0
3	9 81 24	11.1	.46	.99	.6	3.	1.7	2.	1.8	38.	1.7	33.	0.0

	T-SS	DT-SS	RH-SS	F-SS	D-SS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
4 9 81 1	10.2	1.16	.98	1.4	34.	.2	2.	1.9	32.	1.8	32.	0.0
4 9 81 2	9.2	1.36	.98	1.7	34.	1.7	2.	2.5	32.	1.8	33.	0.0
4 9 81 3	8.6	.98	.98	1.9	33.	1.9	2.	2.1	32.	1.8	30.	0.0
4 9 81 4	8.5	.69	.98	1.5	35.	1.9	1.	2.1	32.	1.8	36.	0.0
4 9 81 5	8.7	.59	.98	1.2	2.	2.3	2.	1.8	31.	1.8	3.	0.0
4 9 81 6	9.8	.11	.98	1.2	4.	2.5	1.	1.8	32.	2.0	3.	0.0
4 9 81 7	10.2	-.10	.98	1.6	3.	2.4	1.	2.1	31.	2.3	5.	0.0
4 9 81 8	10.7	-.10	.98	1.2	2.	1.9	2.	2.5	31.	2.2	6.	0.0
4 9 81 9	11.5	-.07	.98	1.4	5.	1.5	2.	3.2	6.	2.3	38.	0.0
4 9 81 10	13.8	-.24	.98	1.8	9.	1.6	6.	2.5	7.	2.1	18.	0.0
4 9 81 11	14.3	-.22	.85	2.2	9.	2.5	5.	1.8	10.	2.4	13.	0.0
4 9 81 12	16.5	-.48	.71	1.5	5.	1.5	32.	3.2	13.	2.0	9.	0.0
4 9 81 13	17.8	-.46	.66	1.4	28.	1.7	27.	2.8	12.	2.0	38.	0.0
4 9 81 14	19.5	-.77	.62	1.4	1025.	1.9	20.	1.8	12.	2.0	17.	0.0
4 9 81 15	18.3	-.53	.67	2.5	15.	3.1	17.	1.9	9.	3.5	18.	0.0
4 9 81 16	15.9	-.38	.77	2.8	14.	3.0	15.	3.5	10.	4.1	18.	0.0
4 9 81 17	14.9	-.37	.83	2.2	14.	2.6	13.	6.0	13.	4.1	19.	0.0
4 9 81 18	13.9	-.24	.98	2.7	14.	2.1	14.	6.0	13.	3.5	21.	0.0
4 9 81 19	12.4	.15	.95	1.7	16.	1.3	14.	4.6	13.	2.0	26.	0.0
4 9 81 20	11.2	.36	.98	1.0	22.	1.2	14.	2.8	12.	1.8	27.	0.0
4 9 81 21	10.9	.26	.98	.8	28.	1.5	2.	1.4	17.	0.0	37.	0.0
4 9 81 22	10.8	.43	.98	1.7	31.	1.9	2.	2.1	17.	0.0	37.	0.0
4 9 81 23	10.6	.36	.98	1.5	33.	1.1	2.	2.1	31.	0.0	37.	0.0
4 9 81 24	10.6	.23	.98	1.9	32.	1.4	2.	2.1	31.	0.0	37.	0.0
5 9 81 1	10.5	.15	.98	1.2	32.	1.5	2.	1.4	31.	1.6	33.	0.0
5 9 81 2	10.1	.26	.98	.9	32.	1.3	2.	2.1	31.	1.5	34.	0.0
5 9 81 3	9.8	.37	.98	1.1	31.	1.5	2.	2.1	32.	1.2	33.	0.0
5 9 81 4	9.7	.33	.98	1.0	32.	1.6	1.	1.8	32.	1.2	32.	0.0
5 9 81 5	9.4	.31	.98	.8	30.	1.9	2.	1.8	31.	1.4	30.	0.0
5 9 81 6	9.6	.41	.98	.5	1014.	1.9	2.	2.1	0.	1.2	30.	0.0
5 9 81 7	10.8	.80	.98	.7	18.	1.1	1.	1.4	29.	0.0	37.	0.0
5 9 81 8	12.7	.34	.97	.9	14.	1.1	2.	1.8	33.	0.0	37.	0.0
5 9 81 9	15.7	-.40	.78	1.7	17.	.5	6.	1.4	34.	1.2	9.	0.0
5 9 81 10	19.5	-.73	.59	1.6	19.	1.6	16.	1.4	9.	2.0	18.	0.0
5 9 81 11	21.2	-.73	.50	3.1	23.	3.6	21.	1.4	8.	4.2	27.	0.0
5 9 81 12	21.1	-.35	.47	4.7	25.	4.9	24.	3.9	18.	4.8	29.	0.0
5 9 81 13	20.0	-.42	.62	3.7	19.	3.9	20.	5.6	22.	4.0	22.	0.0
5 9 81 14	19.2	-.32	.69	3.2	19.	3.9	16.	5.3	22.	3.9	20.	0.0
5 9 81 15	18.3	-.27	.75	3.0	17.	3.4	16.	4.6	22.	4.8	19.	0.0
5 9 81 16	17.9	-.26	.78	2.3	18.	2.9	13.	4.2	21.	3.0	21.	0.0
5 9 81 17	16.9	-.14	.84	2.1	19.	3.6	13.	4.2	18.	4.0	19.	0.0
5 9 81 18	16.1	-.03	.88	3.0	17.	2.6	12.	4.6	17.	3.9	22.	0.0
5 9 81 19	16.0	.01	.87	4.2	21.	2.5	14.	4.9	14.	3.2	22.	0.0
5 9 81 20	15.6	.13	.87	4.9	22.	2.5	16.	5.3	18.	3.3	23.	0.0
5 9 81 21	15.9	.11	.91	4.8	24.	2.3	17.	4.9	19.	3.7	25.	0.0
5 9 81 22	15.3	.10	.83	4.4	24.	1.9	16.	4.9	20.	2.6	25.	0.0
5 9 81 23	14.4	.10	.88	4.4	23.	3.0	16.	3.9	21.	2.9	25.	0.0
5 9 81 24	13.9	.12	.90	4.1	23.	4.1	20.	3.5	21.	2.8	27.	0.0
6 9 81 1	13.8	.07	.87	5.1	24.	2.9	23.	3.2	21.	4.3	27.	0.0
6 9 81 2	13.4	.07	.88	5.0	25.	3.2	24.	3.9	21.	4.0	28.	0.0
6 9 81 3	13.1	.08	.98	4.3	24.	2.8	25.	3.9	22.	4.1	29.	0.0
6 9 81 4	12.3	.11	.89	2.5	26.	2.3	24.	3.5	23.	3.6	29.	0.0
6 9 81 5	11.2	.20	.85	2.1	27.	4.1	26.	3.2	23.	4.0	31.	0.0
6 9 81 6	12.1	.09	.60	4.8	29.	4.1	26.	2.5	27.	4.3	32.	0.0
6 9 81 7	12.8	-.01	.49	4.9	28.	3.2	26.	3.2	28.	99.0	99.	0.0
6 9 81 8	13.9	-.13	.44	3.8	28.	3.1	26.	3.5	26.	99.0	99.	0.0
6 9 81 9	14.6	-.17	.42	5.0	27.	4.4	26.	3.5	27.	99.0	99.	0.0
6 9 81 10	15.9	-.43	.40	4.0	28.	5.9	26.	3.9	26.	99.0	99.	0.0
6 9 81 11	17.0	-.58	.38	3.9	30.	4.2	26.	5.3	28.	99.0	99.	0.0
6 9 81 12	17.6	-.59	.37	4.2	31.	4.9	26.	5.3	29.	99.0	99.	0.0
6 9 81 13	18.4	-.60	.35	4.1	30.	4.4	25.	4.9	30.	99.0	99.	0.0
6 9 81 14	18.7	-.61	.31	4.4	30.	4.7	26.	5.6	30.	99.0	99.	0.0
6 9 81 15	19.1	-.57	.31	3.9	30.	4.6	25.	5.3	30.	99.0	99.	0.0
6 9 81 16	18.2	-.42	.34	4.2	29.	5.3	26.	5.3	30.	99.0	99.	0.0
6 9 81 17	16.9	-.37	.35	4.8	30.	5.9	26.	5.6	30.	99.0	99.	0.0
6 9 81 18	15.7	-.13	.38	4.6	29.	4.9	27.	6.0	29.	99.0	99.	0.0
6 9 81 19	13.9	.09	.42	4.6	30.	3.1	28.	5.6	28.	99.0	99.	0.0
6 9 81 20	12.6	.23	.48	4.1	32.	2.9	28.	5.3	28.	99.0	99.	0.0
6 9 81 21	12.0	.18	.53	3.2	30.	3.8	28.	3.2	30.	99.0	99.	0.0
6 9 81 22	10.8	.19	.60	2.3	1029.	2.3	28.	2.8	28.	99.0	99.	0.0
6 9 81 23	9.5	.38	.71	1.6	1002.	2.1	28.	2.1	27.	99.0	99.	0.0
6 9 81 24	8.7	.29	.77	.9	27.	.8	2.	2.5	27.	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
7 9 81 1	9.0	.30	.72	1.3	30.	1.1	2.	2.1	29.	99.0	99.	0.0
7 9 81 2	8.4	.46	.80	2.5	32.	2.0	28.	1.8	29.	99.0	99.	0.0
7 9 81 3	8.4	.25	.80	2.4	32.	1.3	32.	2.5	30.	99.0	99.	0.0
7 9 81 4	8.3	.26	.81	3.1	31.	1.7	28.	2.5	28.	99.0	99.	0.0
7 9 81 5	7.7	.26	.83	2.2	32.	1.7	3.	2.8	30.	99.0	99.	0.0
7 9 81 6	7.0	.36	.87	.6	6.	1.5	2.	2.8	30.	99.0	99.	0.0
7 9 81 7	11.3	.18	.69	.2	1002.	1.1	2.	2.1	29.	99.0	99.	0.0
7 9 81 8	13.7	.06	.58	.4	1002.	1.1	3.	1.8	29.	99.0	99.	0.0
7 9 81 9	14.3	-.39	.59	.7	24.	1.5	14.	1.4	32.	99.0	99.	0.0
7 9 81 10	15.4	-.50	.53	.9	1017.	1.3	16.	1.8	11.	99.0	99.	0.0
7 9 81 11	13.9	-.35	.59	2.5	14.	2.1	16.	2.5	19.	99.0	99.	0.0
7 9 81 12	14.1	-.23	.57	2.8	24.	3.6	20.	2.5	9.	99.0	99.	0.0
7 9 81 13	13.5	-.12	.61	3.3	24.	3.9	24.	3.9	38.	99.0	99.	0.0
7 9 81 14	13.7	-.18	.64	2.4	21.	3.1	24.	4.2	22.	99.0	99.	0.0
7 9 81 15	13.0	-.12	.73	2.7	21.	3.1	21.	3.5	24.	99.0	99.	0.0
7 9 81 16	12.6	-.15	.83	2.3	20.	2.1	16.	3.2	23.	99.0	99.	0.0
7 9 81 17	13.0	-.19	.86	1.1	20.	1.8	12.	2.8	23.	99.0	99.	0.0
7 9 81 18	13.1	-.08	.88	1.5	18.	1.3	13.	2.5	17.	99.0	99.	0.0
7 9 81 19	12.9	.03	.89	2.1	19.	2.0	17.	2.1	17.	99.0	99.	0.0
7 9 81 20	12.6	.08	.92	2.1	18.	1.6	13.	2.5	15.	99.0	99.	0.0
7 9 81 21	12.7	.07	.93	1.9	18.	1.6	14.	2.5	17.	99.0	99.	0.0
7 9 81 22	12.6	.11	.96	1.4	18.	1.4	13.	2.1	16.	99.0	99.	0.0
7 9 81 23	12.3	.19	.98	1.3	15.	1.5	2.	1.8	17.	99.0	99.	0.0
7 9 81 24	12.4	.29	.98	1.9	14.	1.6	2.	1.8	23.	99.0	99.	0.0
8 9 81 1	12.5	.22	.96	1.8	13.	1.4	1.	1.4	32.	99.0	99.	0.0
8 9 81 2	12.7	.18	.94	2.1	13.	1.1	1.	1.4	0.	99.0	99.	0.0
8 9 81 3	13.3	.06	.91	2.1	14.	1.1	3.	1.4	0.	99.0	99.	0.0
8 9 81 4	13.3	.04	.93	2.1	13.	1.1	6.	1.8	0.	99.0	99.	0.0
8 9 81 5	13.3	.02	.93	2.4	12.	1.1	9.	1.8	11.	99.0	99.	0.0
8 9 81 6	13.1	.05	.94	2.0	11.	1.5	8.	2.8	13.	99.0	99.	0.0
8 9 81 7	13.2	-.05	.94	2.0	10.	1.9	9.	3.5	13.	99.0	99.	0.0
8 9 81 8	13.7	-.11	.93	1.6	10.	1.9	4.	3.5	12.	99.0	99.	0.0
8 9 81 9	14.3	-.14	.92	1.7	11.	2.5	2.	3.2	10.	99.0	99.	0.0
8 9 81 10	14.5	-.17	.93	2.1	12.	1.5	8.	3.2	9.	99.0	99.	0.0
8 9 81 11	14.7	-.19	.92	3.0	13.	2.4	12.	3.5	9.	99.0	99.	0.0
8 9 81 12	14.7	-.20	.89	2.9	13.	2.1	9.	4.2	12.	99.0	99.	0.0
8 9 81 13	14.5	-.18	.89	2.7	11.	2.3	10.	4.6	12.	99.0	99.	0.0
8 9 81 14	14.5	-.13	.89	2.1	11.	2.4	8.	4.2	13.	99.0	99.	0.0
8 9 81 15	14.4	-.13	.89	2.3	11.	2.1	9.	3.9	13.	99.0	99.	0.0
8 9 81 16	14.6	-.12	.90	1.7	9.	2.1	6.	3.9	12.	99.0	99.	0.0
8 9 81 17	14.8	-.10	.89	1.0	8.	1.3	2.	2.5	12.	99.0	99.	0.0
8 9 81 18	14.5	-.04	.91	1.0	6.	1.1	2.	1.4	10.	99.0	99.	0.0
8 9 81 19	14.3	.02	.91	1.2	7.	1.6	2.	1.8	0.	99.0	99.	0.0
8 9 81 20	14.0	.02	.92	1.0	6.	1.4	2.	1.8	8.	99.0	99.	0.0
8 9 81 21	13.7	.13	.96	1.1	30.	.9	24.	1.8	8.	99.0	99.	0.0
8 9 81 22	13.3	.25	.98	1.7	32.	1.1	6.	2.1	3.	99.0	99.	0.0
8 9 81 23	13.1	.24	.99	1.6	31.	1.2	24.	2.5	38.	99.0	99.	0.0
8 9 81 24	12.6	.26	1.00	1.3	29.	2.1	24.	2.1	32.	99.0	99.	0.0
9 9 81 1	11.9	.52	.99	2.0	32.	1.2	1.	1.8	29.	99.0	99.	0.0
9 9 81 2	11.4	.42	.99	2.0	31.	1.1	2.	2.1	29.	99.0	99.	0.0
9 9 81 3	11.0	.26	.99	2.2	32.	1.7	2.	1.8	29.	99.0	99.	0.0
9 9 81 4	11.1	.03	.98	2.5	31.	.9	2.	2.8	31.	99.0	99.	0.0
9 9 81 5	11.2	-.03	.98	2.5	31.	1.6	25.	2.5	30.	99.0	99.	0.0
9 9 81 6	11.0	-.02	.98	2.6	33.	1.8	28.	2.1	28.	99.0	99.	0.0
9 9 81 7	11.3	-.06	.98	3.0	32.	1.6	2.	2.1	30.	99.0	99.	0.0
9 9 81 8	11.4	-.14	.98	1.4	32.	1.1	2.	2.8	30.	99.0	99.	0.0
9 9 81 9	12.9	-.31	.98	1.3	32.	.8	6.	2.8	30.	99.0	99.	0.0
9 9 81 10	17.1	-.71	.80	.9	35.	.7	4.	2.5	31.	99.0	99.	0.0
9 9 81 11	19.0	-.39	.69	.8	30.	.9	12.	2.1	32.	99.0	99.	0.0
9 9 81 12	21.1	-.62	.55	.7	1022.	1.1	13.	2.1	7.	99.0	99.	0.0
9 9 81 13	19.6	-.49	.65	2.5	14.	2.4	15.	2.5	7.	99.0	99.	0.0
9 9 81 14	18.6	-.43	.72	3.1	14.	2.6	14.	4.6	8.	99.0	99.	0.0
9 9 81 15	17.4	-.42	.79	3.8	13.	3.5	13.	6.7	9.	99.0	99.	0.0
9 9 81 16	15.7	-.29	.93	3.9	13.	3.1	13.	7.0	9.	99.0	99.	0.0
9 9 81 17	14.9	-.21	.97	4.0	14.	3.1	13.	6.7	9.	99.0	99.	0.0
9 9 81 18	14.3	-.06	.98	3.8	13.	2.6	12.	5.3	9.	99.0	99.	0.0
9 9 81 19	14.0	-.01	.99	3.0	12.	2.3	12.	4.6	9.	99.0	99.	0.0
9 9 81 20	13.8	-.02	.98	2.3	14.	1.7	13.	4.2	9.	99.0	99.	0.0
9 9 81 21	13.7	-.05	.93	2.1	14.	1.8	13.	3.5	9.	99.0	99.	0.0
9 9 81 22	13.8	-.04	.97	2.3	14.	1.9	13.	3.5	11.	99.0	99.	0.0
9 9 81 23	13.7	-.06	.97	1.8	16.	1.7	12.	3.5	10.	99.0	99.	0.0
9 9 81 24	13.5	-.07	.98	1.3	15.	1.5	14.	2.8	11.	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	
10	9	81	1	13.5	-.06	.97	.8	16.	1.3	12.	3.2	13.	99.0	99.	0.0
10	9	81	2	13.5	-.05	.96	1.2	11.	2.3	2.	2.8	12.	99.0	99.	0.0
10	9	81	3	13.3	-.07	.95	1.1	10.	2.8	2.	2.1	12.	99.0	99.	0.0
10	9	81	4	13.1	-.07	.94	1.4	8.	2.1	1.	3.2	9.	99.0	99.	0.0
10	9	81	5	12.8	-.05	.97	1.5	9.	2.7	2.	3.2	8.	99.0	99.	0.0
10	9	81	6	12.8	-.02	.97	1.4	9.	1.6	2.	2.5	8.	99.0	99.	0.0
10	9	81	7	12.9	-.04	.96	1.6	6.	2.5	2.	2.8	8.	99.0	99.	0.0
10	9	81	8	13.1	-.05	.94	1.5	6.	3.0	1.	2.5	8.	99.0	99.	0.0
10	9	81	9	13.5	-.10	.91	1.6	6.	2.8	2.	2.8	7.	99.0	99.	0.0
10	9	81	10	13.7	-.10	.87	1.4	7.	2.7	2.	99.0	99.	99.0	99.	0.0
10	9	81	11	13.7	-.14	.89	1.5	14.	2.5	2.	99.0	99.	99.0	99.	0.0
10	9	81	12	13.5	-.12	.92	1.0	30.	2.7	2.	99.0	99.	99.0	99.	0.0
10	9	81	13	13.5	-.23	.92	1.2	31.	2.1	2.	99.0	99.	99.0	99.	0.0
10	9	81	14	13.5	-.21	.91	1.0	33.	2.1	2.	99.0	99.	99.0	99.	0.0
10	9	81	15	13.6	-.22	.91	1.0	32.	2.1	2.	99.0	99.	99.0	99.	0.0
10	9	81	16	13.5	-.11	.91	.7	8.	1.6	2.	99.0	99.	99.0	99.	0.0
10	9	81	17	13.8	-.18	.89	.9	13.	.9	6.	99.0	99.	99.0	99.	0.0
10	9	81	18	13.4	-.06	.90	1.2	13.	.9	12.	99.0	99.	99.0	99.	0.0
10	9	81	19	12.4	.11	.94	.9	9.	1.1	3.	99.0	99.	99.0	99.	0.0
10	9	81	20	12.0	.17	.96	.8	36.	1.3	3.	99.0	99.	99.0	99.	0.0
10	9	81	21	12.3	.11	.98	1.2	33.	1.3	3.	99.0	99.	99.0	99.	0.0
10	9	81	22	12.3	.20	.98	1.6	33.	1.7	2.	99.0	99.	99.0	99.	0.0
10	9	81	23	12.2	.13	.98	1.0	34.	.9	6.	99.0	99.	99.0	99.	0.0
10	9	81	24	11.7	.29	.98	1.3	32.	1.4	2.	99.0	99.	99.0	99.	0.0
11	9	81	1	11.5	.28	.98	1.7	33.	1.6	3.	99.0	99.	99.0	99.	0.0
11	9	81	2	11.1	.35	.98	1.3	0.	2.0	1.	99.0	99.	99.0	99.	0.0
11	9	81	3	11.2	.29	.97	2.1	5.	3.4	3.	99.0	99.	99.0	99.	0.0
11	9	81	4	11.6	.04	.95	2.4	7.	3.5	6.	99.0	99.	99.0	99.	0.0
11	9	81	5	11.7	.02	.93	2.2	8.	4.1	4.	99.0	99.	99.0	99.	0.0
11	9	81	6	11.2	-.06	.93	2.2	6.	3.1	6.	99.0	99.	99.0	99.	0.0
11	9	81	7	10.9	-.08	.94	2.0	6.	2.3	5.	99.0	99.	99.0	99.	0.0
11	9	81	8	10.8	-.07	.97	1.7	4.	3.0	1.	99.0	99.	99.0	99.	.1
11	9	81	9	11.1	-.09	.97	1.7	4.	3.1	2.	99.0	99.	99.0	99.	.1
11	9	81	10	11.8	-.15	.96	1.5	3.	2.9	2.	99.0	99.	99.0	99.	0.0
11	9	81	11	12.4	-.14	.94	1.5	2004.	2.1	1.	99.0	99.	99.0	99.	0.0
11	9	81	12	13.3	-.13	.90	1.0	7.	2.4	2.	99.0	99.	99.0	99.	0.0
11	9	81	13	13.3	-.13	.89	1.1	12.	1.6	6.	99.0	99.	99.0	99.	0.0
11	9	81	14	14.1	-.15	.85	1.7	7.	2.1	2.	99.0	99.	99.0	99.	0.0
11	9	81	15	14.2	-.11	.84	2.4	8.	2.9	3.	99.0	99.	99.0	99.	0.0
11	9	81	16	13.9	-.05	.85	1.3	12.	1.9	6.	99.0	99.	99.0	99.	0.0
11	9	81	17	13.8	-.04	.88	1.3	12.	2.2	6.	99.0	99.	99.0	99.	0.0
11	9	81	18	13.5	.03	.83	1.5	9.	1.4	6.	99.0	99.	99.0	99.	0.0
11	9	81	19	13.3	.06	.88	1.2	7.	1.9	4.	99.0	99.	99.0	99.	0.0
11	9	81	20	13.2	.12	.89	1.0	8.	2.4	2.	99.0	99.	99.0	99.	0.0
11	9	81	21	13.4	.04	.91	1.7	8.	1.5	3.	99.0	99.	99.0	99.	0.0
11	9	81	22	13.4	.02	.92	2.1	9.	2.4	6.	99.0	99.	99.0	99.	0.0
11	9	81	23	13.3	.02	.92	2.4	10.	1.4	2.	99.0	99.	99.0	99.	0.0
11	9	81	24	13.0	0.00	.92	2.6	11.	1.2	2.	99.0	99.	99.0	99.	0.0
12	9	81	1	12.8	.01	.92	3.0	11.	1.1	6.	99.0	99.	99.0	99.	99.0
12	9	81	2	12.5	.03	.89	2.9	10.	1.7	4.	99.0	99.	99.0	99.	99.0
12	9	81	3	12.1	.05	.88	1.8	8.	1.9	2.	99.0	99.	99.0	99.	99.0
12	9	81	4	11.8	.09	.89	2.0	8.	2.1	3.	99.0	99.	99.0	99.	99.0
12	9	81	5	11.8	.11	.90	2.0	8.	2.0	1.	99.0	99.	99.0	99.	99.0
12	9	81	6	11.7	.06	.90	2.3	9.	2.4	3.	99.0	99.	99.0	99.	99.0
12	9	81	7	12.1	-.01	.83	2.3	10.	2.5	6.	99.0	99.	99.0	99.	99.0
12	9	81	8	13.0	-.13	.84	2.3	9.	2.3	2.	99.0	99.	99.0	99.	99.0
12	9	81	9	13.7	-.21	.80	2.0	10.	1.9	6.	99.0	99.	99.0	99.	99.0
12	9	81	10	14.4	-.30	.77	2.3	12.	1.9	8.	99.0	99.	99.0	99.	99.0
12	9	81	11	14.5	-.22	.71	2.6	12.	1.7	10.	99.0	99.	99.0	99.	99.0
12	9	81	12	15.1	-.34	.63	2.1	14.	1.7	14.	99.0	99.	99.0	99.	99.0
12	9	81	13	15.0	-.27	.66	2.5	13.	1.9	12.	99.0	99.	99.0	99.	99.0
12	9	81	14	15.4	-.50	.65	2.6	16.	2.5	14.	99.0	99.	99.0	99.	99.0
12	9	81	15	14.4	-.29	.69	3.2	14.	3.1	12.	99.0	99.	99.0	99.	99.0
12	9	81	16	13.7	-.18	.72	3.0	15.	2.8	14.	99.0	99.	99.0	99.	99.0
12	9	81	17	13.2	-.08	.72	2.6	15.	2.1	14.	99.0	99.	99.0	99.	99.0
12	9	81	18	12.8	.01	.75	2.1	15.	1.5	14.	99.0	99.	99.0	99.	99.0
12	9	81	19	12.5	.11	.75	1.9	15.	1.5	13.	99.0	99.	99.0	99.	99.0
12	9	81	20	12.0	.18	.78	1.6	10.	1.4	4.	99.0	99.	99.0	99.	99.0
12	9	81	21	11.7	.17	.82	1.2	8.	1.3	6.	99.0	99.	99.0	99.	99.0
12	9	81	22	11.5	.20	.81	1.1	8.	1.5	2.	99.0	99.	99.0	99.	99.0
12	9	81	23	11.5	.14	.82	1.6	10.	1.7	2.	99.0	99.	99.0	99.	99.0
12	9	81	24	11.4	.15	.84	1.6	10.	1.5	2.	99.0	99.	99.0	99.	99.0

				T-PS	DT-PS	R4-PS	F-PS	D-PS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
13	9	81	1	11.4	.16	.84	2.3	8.	2.1	1.	00.0	00.	00.0	00.	00.0
13	9	81	2	10.8	.18	.86	2.2	9.	2.1	2.	00.0	00.	00.0	00.	00.0
13	9	81	3	10.5	.21	.87	2.5	10.	1.6	4.	00.0	00.	00.0	00.	00.0
13	9	81	4	10.4	.19	.84	2.8	8.	2.8	4.	00.0	00.	00.0	00.	00.0
13	9	81	5	10.3	.10	.85	1.7	9.	2.3	4.	00.0	00.	00.0	00.	00.0
13	9	81	6	10.5	.05	.84	2.5	6.	4.3	3.	00.0	00.	00.0	00.	00.0
13	9	81	7	10.9	0.00	.81	1.7	6.	3.4	1.	00.0	00.	00.0	00.	00.0
13	9	81	8	11.1	0.00	.78	2.6	7.	2.7	2.	00.0	00.	00.0	00.	00.0
13	9	81	9	11.3	-.02	.77	2.0	5.	4.6	3.	5.3	9.	00.0	00.	00.0
13	9	81	10	11.5	-.04	.77	1.5	5.	3.0	2.	5.3	8.	00.0	00.	00.0
13	9	81	11	12.1	-.10	.74	3.0	8.	2.5	4.	5.3	3.	00.0	00.	00.0
13	9	81	12	12.9	-.13	.69	4.3	9.	4.6	4.	5.3	8.	00.0	00.	00.0
13	9	81	13	13.1	-.11	.68	3.9	8.	5.4	4.	4.9	7.	00.0	00.	00.0
13	9	81	14	12.8	-.06	.68	4.0	7.	5.9	5.	3.9	6.	00.0	00.	00.0
13	9	81	15	12.3	-.02	.69	4.6	6.	6.6	4.	3.9	6.	00.0	00.	00.0
13	9	81	16	11.5	.04	.78	3.7	7.	4.3	4.	4.2	6.	00.0	00.	00.0
13	9	81	17	11.3	.06	.77	2.9	6.	4.0	3.	3.9	7.	00.0	00.	00.0
13	9	81	18	10.5	.12	.81	3.1	6.	4.1	3.	4.2	7.	00.0	00.	00.0
13	9	81	19	9.9	.11	.89	2.8	6.	3.6	3.	3.5	7.	00.0	00.	00.0
13	9	81	20	9.5	.07	.95	2.3	4.	2.8	1.	3.2	6.	00.0	00.	00.0
13	9	81	21	9.1	.03	.97	2.3	3.	4.6	2.	3.9	6.	00.0	00.	00.0
13	9	81	22	9.0	.05	.97	2.0	2.	5.4	2.	4.9	7.	00.0	00.	00.0
13	9	81	23	9.2	.05	.96	2.0	3.	4.7	2.	5.3	8.	00.0	00.	00.0
13	9	81	24	9.7	.02	.96	2.9	1005.	5.6	3.	4.9	8.	00.0	00.	00.0
14	9	81	1	9.6	0.00	.97	2.6	6.	6.4	3.	00.0	00.	00.0	00.	00.0
14	9	81	2	9.4	.01	.97	2.6	4.	5.9	3.	00.0	00.	00.0	00.	00.0
14	9	81	3	9.2	.02	.96	3.1	5.	6.6	3.	00.0	00.	00.0	00.	00.0
14	9	81	4	8.8	.02	.95	3.6	5.	6.2	2.	00.0	00.	00.0	00.	00.0
14	9	81	5	8.5	0.00	.95	2.8	5.	4.7	2.	00.0	00.	00.0	00.	00.0
14	9	81	6	8.1	0.00	.95	3.4	5.	6.2	2.	00.0	00.	00.0	00.	00.0
14	9	81	7	7.9	-.02	.93	3.5	4.	5.6	2.	00.0	00.	00.0	00.	00.0
14	9	81	8	7.7	-.04	.93	3.2	4.	5.6	2.	00.0	00.	00.0	00.	00.0
14	9	81	9	7.6	-.04	.92	3.7	3.	6.4	1.	00.0	00.	00.0	00.	00.0
14	9	81	10	7.5	-.04	.90	3.4	4.	5.2	2.	00.0	00.	00.0	00.	00.0
14	9	81	11	7.9	-.08	.90	2.5	4.	5.1	1.	00.0	00.	00.0	00.	00.0
14	9	81	12	8.9	-.18	.88	2.4	3.	4.9	2.	00.0	00.	00.0	00.	00.0
14	9	81	13	9.4	-.17	.84	1.9	4.	2.9	2.	3.2	6.	00.0	00.	00.0
14	9	81	14	10.2	-.20	.83	1.9	4.	2.5	3.	2.1	5.	00.0	00.	00.0
14	9	81	15	9.9	-.13	.85	1.9	4.	2.9	3.	1.8	6.	00.0	00.	00.0
14	9	81	16	9.6	-.09	.88	1.9	6.	3.1	3.	1.8	38.	00.0	00.	00.0
14	9	81	17	9.9	-.12	.87	1.3	4.	2.2	3.	1.4	24.	00.0	00.	00.0
14	9	81	18	10.0	-.06	.87	.8	3.	1.3	2.	2.5	38.	00.0	00.	00.0
14	9	81	19	9.4	.13	.91	1.1	1.	1.1	4.	2.5	31.	00.0	00.	00.0
14	9	81	20	9.3	.25	.91	.9	1.	.5	5.	2.5	32.	00.0	00.	00.0
14	9	81	21	8.9	.30	.94	.4	29.	1.2	2.	2.5	31.	00.0	00.	00.0
14	9	81	22	3.2	.45	.97	1.4	31.	2.5	2.	2.8	31.	00.0	00.	00.0
14	9	81	23	7.6	.38	.98	2.5	33.	1.7	1.	2.8	31.	00.0	00.	00.0
14	9	81	24	6.9	.34	.99	2.2	33.	2.1	2.	2.5	30.	00.0	00.	00.0
15	9	81	1	6.7	.13	.99	2.0	32.	1.9	1.	2.5	30.	00.0	00.	00.0
15	9	81	2	6.9	-.02	.99	2.3	32.	1.6	2.	2.5	29.	00.0	00.	00.0
15	9	81	3	7.1	0.00	.98	1.7	34.	1.6	2.	2.8	29.	00.0	00.	00.0
15	9	81	4	7.2	-.01	.98	1.7	33.	1.9	1.	2.8	29.	00.0	00.	00.0
15	9	81	5	7.0	-.02	.98	1.9	35.	2.4	2.	3.2	29.	00.0	00.	00.0
15	9	81	6	6.9	-.02	.98	2.0	35.	2.2	1.	3.2	32.	00.0	00.	00.0
15	9	81	7	7.0	-.04	.98	1.6	35.	2.4	2.	3.2	32.	00.0	00.	00.0
15	9	81	8	7.3	-.08	.98	2.2	35.	2.3	2.	2.8	34.	00.0	00.	00.0
15	9	81	9	7.9	-.16	.98	1.8	33.	2.4	2.	2.5	7.	00.0	00.	00.0
15	9	81	10	8.8	-.28	.97	2.0	32.	1.9	3.	2.1	9.	00.0	00.	00.0
15	9	81	11	10.8	-.67	.89	1.5	31.	.9	8.	1.8	10.	00.0	00.	00.0
15	9	81	12	14.3	-.71	.70	1.0	29.	1.1	14.	2.1	10.	00.0	00.	00.0
15	9	81	13	16.1	-.46	.61	1.3	28.	1.4	27.	3.2	13.	00.0	00.	00.0
15	9	81	14	17.0	-.60	.61	1.3	1013.	1.3	16.	4.6	15.	00.0	00.	00.0
15	9	81	15	16.0	-.53	.66	2.1	14.	1.6	16.	3.2	14.	00.0	00.	00.0
15	9	81	16	15.2	-.41	.68	2.2	15.	2.8	16.	1.8	16.	00.0	00.	00.0
15	9	81	17	14.1	-.38	.68	2.0	17.	2.9	17.	1.4	0.	00.0	00.	00.0
15	9	81	18	11.9	.09	.82	1.6	17.	1.9	14.	1.8	32.	00.0	00.	00.0
15	9	81	19	9.8	.33	.93	1.0	22.	1.7	14.	1.8	31.	00.0	00.	00.0
15	9	81	20	9.6	.32	.93	1.0	27.	.9	24.	2.1	31.	00.0	00.	00.0
15	9	81	21	8.6	.65	.97	1.0	1.	1.3	2.	2.1	31.	00.0	00.	00.0
15	9	81	22	8.6	.73	.98	1.3	32.	1.2	2.	2.1	31.	00.0	00.	00.0
15	9	81	23	7.9	.48	.98	1.9	32.	1.1	2.	2.5	29.	00.0	00.	00.0
15	9	81	24	8.1	.27	.98	2.1	31.	.9	2.	1.8	29.	00.0	00.	00.0

	T-RS	DT-RS	PH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
16 9 81 1	8.2	.23	.98	1.6	32.	1.3	1.	2.5	32.	99.0	99.	99.0
16 9 81 2	8.1	.33	.93	1.2	34.	1.4	1.	2.1	31.	99.0	99.	99.0
16 9 81 3	7.6	1.13	.93	1.0	5.	1.5	1.	3.5	32.	99.0	99.	99.0
16 9 81 4	7.8	1.24	.98	.9	3.	.9	2.	6.0	9.	99.0	99.	99.0
16 9 81 5	8.6	.63	.97	1.6	7.	1.4	2.	6.0	9.	99.0	99.	99.0
16 9 81 6	9.8	.06	.93	3.0	10.	2.6	7.	4.9	8.	99.0	99.	99.0
16 9 81 7	10.1	.01	.88	4.0	8.	4.8	7.	4.2	8.	99.0	99.	99.0
16 9 81 8	9.8	-.03	.83	4.4	8.	5.6	6.	4.6	8.	99.0	99.	99.0
16 9 81 9	9.8	-.06	.79	4.3	8.	6.0	4.	4.9	9.	99.0	99.	99.0
16 9 81 10	10.1	-.18	.73	3.8	7.	5.3	4.	4.9	9.	99.0	99.	99.0
16 9 81 11	10.2	-.19	.70	4.2	9.	4.5	6.	3.9	9.	99.0	99.	99.0
16 9 81 12	10.1	-.21	.71	3.4	8.	4.0	3.	3.9	9.	4.0	12.	99.0
16 9 81 13	10.1	-.20	.73	3.3	8.	3.7	3.	3.9	8.	3.9	12.	99.0
16 9 81 14	10.4	-.18	.71	3.2	8.	3.9	4.	3.5	8.	3.8	11.	99.0
16 9 81 15	10.5	-.19	.72	2.9	8.	3.5	5.	3.2	8.	3.8	12.	99.0
16 9 81 16	10.3	-.13	.73	2.5	7.	3.6	4.	2.8	8.	3.2	11.	99.0
16 9 81 17	9.7	-.03	.75	2.4	7.	2.9	4.	2.8	9.	3.1	9.	99.0
16 9 81 18	9.2	-.05	.77	1.9	6.	3.1	3.	2.8	9.	2.6	8.	99.0
16 9 81 19	3.7	.09	.79	1.6	5.	4.1	3.	2.5	9.	2.4	6.	99.0
16 9 81 20	8.5	.07	.80	1.6	6.	4.4	3.	2.1	9.	2.1	7.	99.0
16 9 81 21	3.4	.09	.79	1.3	6.	3.6	3.	2.1	8.	2.0	12.	99.0
16 9 81 22	8.1	.11	.82	1.8	8.	2.1	4.	1.8	8.	2.0	12.	99.0
16 9 81 23	8.0	.14	.84	2.0	7.	2.9	2.	2.1	9.	2.0	38.	99.0
16 9 81 24	7.6	.18	.86	.9	7.	2.9	2.	2.5	8.	0.0	37.	99.0
17 9 81 1	7.7	.21	.84	1.5	9.	1.4	2.	1.8	9.	0.0	37.	99.0
17 9 81 2	8.0	.22	.81	2.1	10.	2.1	1.	1.8	8.	1.9	6.	99.0
17 9 81 3	8.0	.22	.81	2.0	9.	2.4	1.	1.8	8.	0.0	37.	99.0
17 9 81 4	8.0	.19	.80	2.0	9.	1.6	1.	2.1	8.	0.0	37.	99.0
17 9 81 5	7.8	.17	.81	1.2	9.	2.0	1.	2.1	9.	0.0	37.	99.0
17 9 81 6	7.8	.16	.78	1.6	8.	1.4	1.	2.8	10.	0.0	37.	99.0
17 9 81 7	7.9	.18	.80	1.4	9.	1.3	2.	4.6	12.	0.0	37.	99.0
17 9 81 8	3.4	.02	.79	1.6	12.	1.8	6.	5.6	12.	1.5	12.	99.0
17 9 81 9	8.9	-.06	.79	2.0	10.	2.1	6.	5.6	12.	1.6	14.	99.0
17 9 81 10	9.5	-.09	.80	2.6	11.	2.3	8.	6.0	12.	2.2	15.	99.0
17 9 81 11	10.1	-.11	.77	3.7	12.	2.6	10.	6.7	12.	4.1	16.	99.0
17 9 81 12	10.2	-.13	.75	3.9	12.	2.8	12.	8.1	13.	4.9	17.	99.0
17 9 81 13	10.7	-.16	.77	4.0	12.	3.1	11.	7.7	13.	5.6	17.	99.0
17 9 81 14	10.6	-.07	.82	4.3	13.	3.5	11.	7.4	14.	6.3	17.	99.0
17 9 81 15	10.7	-.05	.86	4.2	13.	3.8	10.	7.0	14.	6.2	17.	99.0
17 9 81 16	11.0	-.05	.89	4.9	15.	3.6	11.	7.0	14.	6.9	17.	99.0
17 9 81 17	10.9	-.02	.91	5.1	14.	4.2	13.	6.0	14.	6.5	18.	99.0
17 9 81 18	11.0	.02	.93	4.9	15.	4.2	13.	5.6	15.	5.7	18.	99.0
17 9 81 19	11.4	.01	.91	4.6	16.	4.3	14.	4.6	16.	4.2	19.	99.0
17 9 81 20	11.2	.01	.96	4.4	16.	3.1	15.	4.2	17.	4.2	20.	99.0
17 9 81 21	11.4	.01	.96	4.3	16.	3.1	16.	4.2	16.	4.1	20.	99.0
17 9 81 22	11.7	.05	.95	4.0	16.	3.3	16.	4.6	16.	3.9	21.	99.0
17 9 81 23	11.9	.06	.93	2.9	17.	2.8	16.	4.9	17.	3.2	21.	99.0
17 9 81 24	12.1	.02	.99	3.5	16.	3.1	16.	4.9	17.	3.6	21.	99.0
18 9 81 1	11.7	.05	.93	3.8	17.	3.2	16.	4.2	16.	4.0	20.	99.0
18 9 81 2	11.8	.07	.90	3.7	17.	3.5	16.	4.6	17.	4.0	20.	99.0
18 9 81 3	12.0	.04	.88	3.7	17.	3.5	16.	5.3	17.	3.9	21.	99.0
18 9 81 4	12.2	.03	.85	2.8	17.	3.1	16.	5.6	16.	3.5	20.	99.0
18 9 81 5	12.1	.03	.80	3.1	18.	2.9	16.	6.3	15.	3.4	21.	99.0
18 9 81 6	12.1	.03	.78	3.8	17.	3.7	16.	7.0	15.	3.6	21.	99.0
18 9 81 7	12.4	.01	.78	4.1	17.	3.7	16.	7.4	15.	4.1	20.	99.0
18 9 81 8	12.7	-.05	.76	4.2	16.	3.8	16.	8.8	14.	4.3	19.	99.0
18 9 81 9	13.0	-.10	.72	4.3	17.	4.1	16.	9.1	14.	5.7	19.	99.0
18 9 81 10	13.2	-.14	.71	5.0	17.	4.7	16.	9.5	14.	6.0	20.	99.0
18 9 81 11	13.3	-.18	.71	5.2	16.	4.2	16.	9.1	14.	6.2	19.	99.0
18 9 81 12	13.7	-.33	.72	5.7	16.	4.6	16.	8.4	14.	6.3	19.	99.0
18 9 81 13	13.2	-.21	.76	5.2	15.	4.3	14.	8.8	14.	6.5	18.	99.0
18 9 81 14	12.7	-.18	.72	6.2	14.	5.4	13.	8.4	14.	6.7	18.	99.0
18 9 81 15	12.3	-.09	.70	6.0	15.	4.9	13.	8.4	14.	6.6	17.	99.0
18 9 81 16	12.0	-.03	.72	6.1	16.	4.6	13.	8.4	14.	7.2	17.	99.0
18 9 81 17	11.9	-.01	.76	5.9	14.	4.3	13.	9.1	15.	7.0	17.	99.0
18 9 81 18	11.9	.02	.77	5.5	15.	5.1	12.	8.4	14.	7.0	18.	99.0
18 9 81 19	12.2	.03	.73	5.9	15.	3.8	14.	9.1	14.	6.5	18.	99.0
18 9 81 20	12.4	.02	.72	5.4	16.	4.2	14.	9.8	15.	6.6	18.	99.0
18 9 81 21	12.5	.02	.72	5.6	16.	3.7	14.	10.9	14.	5.6	18.	99.0
18 9 81 22	12.4	.01	.73	5.3	16.	4.1	14.	10.5	13.	6.2	19.	99.0
18 9 81 23	12.3	.01	.75	5.6	15.	4.0	13.	10.5	13.	7.0	18.	99.0
18 9 81 24	11.6	-.00	.75	6.5	14.	5.4	13.	9.5	13.	6.2	17.	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	
19	9	81	1	11.1	.01	.76	6.2	14.	5.4	12.	9.1	12.	6.0	17.	99.0
19	9	81	2	10.6	.00	.76	6.7	15.	5.1	12.	7.4	12.	8.1	17.	99.0
19	9	81	3	10.1	-.01	.75	6.5	12.	5.1	12.	6.7	10.	7.2	17.	99.0
19	9	81	4	9.4	.02	.83	6.4	12.	4.6	12.	7.4	10.	6.5	16.	99.0
19	9	81	5	8.5	.03	.95	5.4	11.	3.9	8.	7.0	10.	5.9	15.	99.0
19	9	81	6	8.0	.01	.98	4.2	10.	3.5	8.	7.0	10.	4.5	14.	99.0
19	9	81	7	7.8	0.00	.98	5.2	9.	5.6	7.	6.0	10.	5.1	13.	99.0
19	9	81	8	7.9	-.00	.97	5.0	10.	5.6	6.	7.7	10.	5.0	12.	99.0
19	9	81	9	7.9	-.00	.96	4.6	10.	6.4	6.	8.1	10.	5.1	12.	99.0
19	9	81	10	8.0	0.00	.97	4.3	10.	4.2	7.	8.1	11.	4.5	14.	99.0
19	9	81	11	8.4	-.00	.97	4.7	10.	3.6	7.	8.1	11.	4.3	15.	99.0
19	9	81	12	8.6	-.03	.97	5.2	11.	4.8	8.	8.1	12.	6.2	15.	99.0
19	9	81	13	8.7	-.04	.98	5.6	10.	4.5	8.	7.4	12.	6.0	15.	99.0
19	9	81	14	8.8	-.02	.97	5.7	11.	4.3	9.	7.0	11.	6.3	16.	99.0
19	9	81	15	8.9	-.03	.96	6.0	12.	4.1	9.	6.3	10.	6.0	15.	99.0
19	9	81	16	8.9	-.01	.96	5.9	12.	3.9	9.	7.4	10.	6.1	16.	99.0
19	9	81	17	9.0	-.01	.96	4.9	11.	3.7	9.	7.7	11.	5.9	16.	99.0
19	9	81	18	8.9	-.00	.97	4.6	10.	3.9	8.	8.1	11.	4.2	14.	99.0
19	9	81	19	9.0	0.00	.97	5.1	10.	3.9	8.	8.1	10.	6.2	14.	99.0
19	9	81	20	9.1	-.01	.97	5.0	10.	4.0	8.	8.1	10.	6.0	14.	99.0
19	9	81	21	9.2	0.00	.97	4.9	11.	4.0	8.	7.0	10.	6.0	14.	99.0
19	9	81	22	9.3	-.01	.96	5.9	10.	4.6	8.	7.0	10.	6.3	15.	99.0
19	9	81	23	9.1	-.00	.97	5.2	10.	4.0	8.	7.4	10.	5.8	13.	99.0
19	9	81	24	9.0	-.01	.97	4.6	10.	4.0	8.	7.4	10.	5.0	14.	99.0
20	9	81	1	8.8	-.01	.97	4.5	10.	4.8	7.	7.4	10.	5.3	14.	99.0
20	9	81	2	8.5	-.02	.97	4.7	9.	6.4	7.	7.7	10.	5.1	13.	99.0
20	9	81	3	8.4	-.02	.96	4.6	10.	6.2	6.	8.1	10.	5.0	14.	99.0
20	9	81	4	8.4	-.02	.96	4.5	10.	5.2	6.	8.4	11.	4.3	12.	99.0
20	9	81	5	8.5	-.02	.96	4.6	10.	4.8	7.	8.1	11.	4.9	13.	99.0
20	9	81	6	8.6	-.00	.96	4.5	11.	5.1	7.	8.4	11.	5.0	14.	99.0
20	9	81	7	8.9	-.02	.94	5.7	11.	4.4	8.	9.8	11.	6.1	15.	99.0
20	9	81	8	8.7	-.01	.93	5.9	10.	5.2	8.	10.5	11.	5.9	15.	99.0
20	9	81	9	8.7	-.03	.92	6.3	11.	5.6	8.	9.5	11.	5.8	14.	99.0
20	9	81	10	8.8	-.03	.91	7.0	11.	6.2	8.	9.1	12.	7.1	16.	99.0
20	9	81	11	9.1	-.03	.89	7.6	12.	6.0	8.	9.5	12.	7.8	15.	99.0
20	9	81	12	9.0	-.01	.91	6.7	11.	6.0	8.	12.3	12.	7.0	15.	99.0
20	9	81	13	9.0	.00	.94	7.0	11.	5.6	8.	13.0	12.	7.0	15.	99.0
20	9	81	14	9.2	.00	.96	7.9	11.	7.9	8.	12.6	13.	7.2	14.	99.0
20	9	81	15	9.6	.00	.95	8.8	10.	8.9	6.	7.0	14.	8.0	15.	99.0
20	9	81	16	10.1	.02	.94	9.8	11.	7.1	8.	3.9	16.	8.5	16.	99.0
20	9	81	17	10.6	.02	.94	9.3	12.	7.2	10.	3.2	15.	8.7	16.	99.0
20	9	81	18	11.2	.03	.96	7.1	14.	6.4	12.	2.8	15.	7.2	18.	99.0
20	9	81	19	12.1	.09	.96	4.1	17.	4.3	14.	2.8	16.	4.1	19.	99.0
20	9	81	20	11.7	.14	.93	2.3	17.	1.9	15.	2.5	18.	2.6	20.	99.0
20	9	81	21	11.8	.19	.93	2.5	18.	1.5	15.	1.8	18.	2.2	21.	99.0
20	9	81	22	11.9	.19	.93	2.5	19.	1.8	16.	2.1	15.	2.3	20.	99.0
20	9	81	23	11.5	.29	.93	1.8	19.	1.6	16.	2.5	17.	2.0	21.	99.0
20	9	81	24	11.0	.34	.94	2.4	20.	1.6	16.	2.5	17.	2.0	22.	99.0
21	9	81	1	11.4	.22	.94	2.9	17.	1.5	14.	1.8	15.	2.0	21.	0.0
21	9	81	2	11.5	.28	.94	2.5	20.	1.5	16.	1.8	0.	2.0	22.	0.0
21	9	81	3	11.2	.33	.95	2.1	19.	1.5	16.	2.8	0.	2.0	21.	0.0
21	9	81	4	11.2	.24	.94	2.2	18.	1.6	15.	2.1	38.	2.0	20.	0.0
21	9	81	5	11.2	.24	.94	2.0	19.	1.3	15.	2.5	32.	2.0	20.	0.0
21	9	81	6	11.1	.15	.96	2.0	20.	1.7	12.	3.9	0.	3.0	23.	0.0
21	9	81	7	9.9	.61	.95	1.4	19.	1.5	14.	3.5	18.	0.0	37.	0.0
21	9	81	8	11.1	.24	.97	1.5	1017.	2.1	2.	3.9	0.	2.0	34.	0.0
21	9	81	9	11.8	.01	.98	2.0	13.	2.8	2.	2.5	8.	2.1	30.	0.0
21	9	81	10	10.0	.22	.98	3.1	15.	2.1	14.	1.8	9.	3.0	20.	0.0
21	9	81	11	8.8	.21	.93	3.6	1001.	3.1	2.	3.9	10.	3.8	2.	0.0
21	9	81	12	10.1	-.00	.94	1.2	7.	2.0	3.	3.5	38.	2.0	18.	0.0
21	9	81	13	14.0	-.58	.78	1.0	1021.	1.2	9.	2.5	0.	2.0	11.	0.0
21	9	81	14	14.1	-.42	.71	2.7	20.	2.5	14.	2.8	0.	3.0	20.	0.0
21	9	81	15	12.2	-.11	.80	4.0	1020.	3.5	16.	1.8	0.	4.2	27.	0.0
21	9	81	16	10.2	-.02	.94	1.9	1004.	2.5	3.	1.4	0.	2.6	21.	0.0
21	9	81	17	10.4	.25	.93	2.6	13.	1.8	2.	2.1	17.	0.0	37.	0.0
21	9	81	18	10.1	.49	.96	1.0	19.	2.5	2.	3.9	20.	2.3	36.	0.0
21	9	81	19	9.8	.61	.97	.9	1019.	1.5	2.	4.2	19.	0.0	37.	0.0
21	9	81	20	10.1	.54	.90	2.8	21.	1.1	15.	3.5	19.	2.0	22.	0.0
21	9	81	21	10.4	.38	.84	3.7	22.	1.5	16.	2.8	20.	2.1	23.	0.0
21	9	81	22	10.1	.31	.87	3.5	22.	1.8	17.	1.4	15.	2.6	24.	0.0
21	9	81	23	9.8	.32	.90	3.8	22.	1.9	19.	2.5	17.	3.0	23.	0.0
21	9	81	24	10.2	.22	.89	3.4	22.	1.7	17.	3.2	16.	3.0	21.	0.0

	T-SS	DT-SS	RH-SS	F-SS	D-SS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
22 9 81 1	10.7	.10	.90	2.9	21.	1.8	17.	3.2	17.	3.0	21.	0.0
22 9 81 2	11.5	.20	.90	3.9	21.	1.2	14.	2.5	17.	3.0	20.	0.0
22 9 81 3	12.4	.11	.93	3.2	21.	2.0	16.	3.9	15.	3.0	20.	0.0
22 9 81 4	12.3	.10	.94	3.8	21.	2.5	17.	3.5	15.	3.0	21.	0.0
22 9 81 5	12.0	.16	.94	4.2	21.	1.9	16.	3.2	16.	3.0	20.	0.0
22 9 81 6	11.5	.25	.95	3.7	21.	1.8	16.	2.8	15.	3.7	19.	0.0
22 9 81 7	12.1	.07	.89	4.0	21.	2.1	16.	3.2	17.	3.9	18.	0.0
22 9 81 8	12.6	-.09	.89	3.8	21.	2.4	16.	2.8	19.	3.8	17.	0.0
22 9 81 9	13.0	-.17	.87	2.9	21.	2.5	16.	3.5	18.	3.6	18.	0.0
22 9 81 10	13.5	-.22	.86	2.4	21.	2.4	16.	3.9	17.	3.5	18.	0.0
22 9 81 11	12.5	.02	.93	3.0	22.	3.2	19.	4.2	18.	3.5	20.	0.0
22 9 81 12	14.2	-.32	.88	2.8	21.	2.8	16.	2.8	20.	3.5	17.	0.0
22 9 81 13	14.3	-.27	.89	3.0	21.	3.5	16.	3.9	17.	3.5	18.	0.0
22 9 81 14	14.8	-.29	.85	4.0	21.	3.6	16.	3.9	16.	4.0	21.	0.0
22 9 81 15	14.4	-.21	.88	3.3	20.	2.5	20.	3.2	16.	3.6	22.	0.0
22 9 81 16	14.3	-.19	.89	4.0	20.	3.7	16.	2.5	16.	4.0	21.	0.0
22 9 81 17	13.5	-.03	.92	3.6	20.	3.8	16.	3.5	17.	3.8	20.	0.0
22 9 81 18	12.9	.04	.94	3.1	19.	3.4	16.	3.2	17.	3.6	19.	0.0
22 9 81 19	12.5	.11	.97	2.4	19.	2.1	16.	3.5	17.	3.6	19.	0.0
22 9 81 20	12.3	.14	.92	2.9	20.	3.4	16.	3.5	20.	3.6	18.	0.0
22 9 81 21	11.7	.14	.92	2.8	20.	2.8	16.	2.5	25.	3.6	19.	0.0
22 9 81 22	10.9	.20	.95	3.1	20.	2.8	16.	2.5	22.	3.5	20.	0.0
22 9 81 23	10.2	.20	.93	3.2	21.	1.6	16.	2.5	21.	3.2	21.	0.0
22 9 81 24	9.5	.17	.99	2.1	23.	1.6	12.	2.5	24.	3.0	24.	0.0
23 9 81 1	8.6	.52	.98	2.3	22.	1.3	16.	1.4	25.	2.0	21.	0.0
23 9 81 2	8.3	.41	.98	2.1	20.	2.0	16.	2.1	0.	2.0	23.	0.0
23 9 81 3	3.0	.30	.97	1.3	19.	2.1	16.	2.1	23.	2.3	26.	0.0
23 9 81 4	7.5	.21	.98	.9	17.	1.5	16.	3.2	0.	2.2	23.	0.0
23 9 81 5	7.8	.24	.97	1.9	19.	1.9	20.	3.5	32.	2.1	24.	0.0
23 9 81 6	7.8	.23	.96	.7	1024.	2.3	23.	3.2	32.	3.6	27.	0.0
23 9 81 7	9.5	.11	.88	2.2	27.	1.9	26.	2.5	27.	2.4	36.	0.0
23 9 81 8	12.2	-.51	.81	1.8	32.	1.8	26.	2.8	23.	2.0	2.	0.0
23 9 81 9	13.6	-.70	.77	2.5	32.	2.6	25.	2.8	22.	2.0	3.	0.0
23 9 81 10	13.9	-.52	.73	1.6	30.	2.5	24.	2.8	23.	2.1	38.	0.0
23 9 81 11	13.5	-.25	.70	2.1	25.	2.3	22.	3.9	33.	2.2	27.	0.0
23 9 81 12	15.1	-.44	.58	2.0	25.	2.2	17.	4.2	29.	0.0	0.0	0.0
23 9 81 13	17.1	-.59	.49	2.1	24.	1.6	20.	3.9	27.	2.2	28.	0.0
23 9 81 14	18.2	-.67	.46	2.3	31.	2.7	26.	3.9	26.	2.5	36.	0.0
23 9 81 15	17.9	-.46	.39	4.0	30.	4.5	26.	3.5	25.	4.2	33.	0.0
23 9 81 16	16.7	-.28	.39	4.1	27.	5.0	26.	2.8	24.	4.8	32.	0.0
23 9 81 17	15.4	-.25	.42	3.4	26.	4.5	26.	4.6	25.	4.5	30.	0.0
23 9 81 18	13.0	.06	.51	2.8	25.	3.1	24.	4.6	24.	4.2	29.	0.0
23 9 81 19	11.3	.15	.61	3.8	25.	4.6	24.	4.2	23.	4.0	29.	0.0
23 9 81 20	10.1	.20	.68	2.2	26.	3.6	24.	3.5	23.	4.3	29.	0.0
23 9 81 21	9.0	.26	.73	2.4	24.	3.3	25.	1.8	18.	5.2	29.	0.0
23 9 81 22	8.6	.24	.75	1.6	25.	2.8	25.	1.8	0.	5.1	29.	0.0
23 9 81 23	7.7	.24	.80	1.4	1021.	2.5	26.	2.1	32.	5.2	29.	0.0
23 9 81 24	8.0	.37	.78	2.2	22.	1.3	24.	1.8	33.	3.6	27.	0.0
24 9 81 1	8.1	.36	.79	2.8	23.	1.1	24.	1.8	0.	3.0	27.	0.0
24 9 81 2	8.4	.20	.83	2.4	23.	1.3	24.	1.8	0.	2.5	26.	0.0
24 9 81 3	8.3	.11	.86	1.0	20.	1.3	27.	1.4	15.	2.6	27.	0.0
24 9 81 4	7.9	.27	.92	1.0	21.	1.1	1.	1.8	0.0	2.6	29.	.4
24 9 81 5	7.5	.52	.97	1.7	14.	2.1	1.	3.9	0.0	2.4	21.	1.0
24 9 81 6	7.9	.43	.97	2.2	13.	2.1	2.	5.6	18.	0.0	37.	.2
24 9 81 7	8.7	.63	.97	2.3	16.	2.4	1.	6.0	18.	2.2	38.	.2
24 9 81 8	11.2	.14	.96	3.8	18.	2.4	16.	6.0	18.	2.2	24.	1.0
24 9 81 9	12.1	.04	.96	5.8	20.	5.1	16.	6.3	17.	5.0	21.	.5
24 9 81 10	12.3	.06	.96	6.6	20.	3.9	18.	5.6	17.	5.1	23.	.2
24 9 81 11	12.7	.06	.94	6.0	20.	4.6	18.	5.3	17.	5.2	21.	2.0
24 9 81 12	12.5	.03	.95	5.7	21.	3.9	19.	4.9	17.	5.0	22.	.2
24 9 81 13	12.5	.01	.97	5.7	21.	4.4	18.	3.9	18.	4.6	22.	.8
24 9 81 14	12.9	-.00	.97	5.8	20.	3.5	18.	3.5	18.	4.2	22.	0.0
24 9 81 15	13.6	-.08	.93	5.6	21.	3.6	17.	2.8	15.	4.3	22.	0.0
24 9 81 16	13.9	-.13	.89	4.1	21.	3.1	17.	3.2	16.	4.1	21.	3.5
24 9 81 17	12.9	.04	.93	3.8	20.	2.9	20.	2.1	18.	3.6	21.	.4
24 9 81 18	12.2	.11	.97	2.4	18.	2.6	16.	2.8	17.	3.5	19.	0.0
24 9 81 19	11.9	.10	.97	2.8	19.	2.6	16.	2.5	16.	3.6	20.	.7
24 9 81 20	11.5	.07	.97	2.4	20.	2.3	16.	4.2	14.	3.5	20.	.8
24 9 81 21	10.9	.06	.97	2.0	19.	2.1	13.	6.0	17.	3.2	19.	.6
24 9 81 22	10.6	.11	.96	1.5	17.	1.8	13.	3.9	17.	3.0	20.	.3
24 9 81 23	11.6	.11	.98	3.4	17.	1.5	15.	3.5	17.	4.0	21.	.7
24 9 81 24	12.6	.04	.98	5.5	20.	4.6	15.	3.2	16.	4.5	22.	.1

	T-RS	DT-RS	QH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
25 9 81 1	12.8	.07	.97	5.0	20.	3.4	10.	3.0	16.	4.2	21.	.2
25 9 81 2	12.0	.06	.97	5.0	21.	3.5	17.	4.6	16.	4.1	21.	2.0
25 9 81 3	12.9	.06	.97	4.1	21.	2.5	17.	3.0	17.	4.0	21.	1.0
25 9 81 4	12.6	.03	.98	3.8	20.	3.1	16.	3.9	15.	3.5	20.	6.0
25 9 81 5	12.3	.04	.93	3.0	19.	2.6	16.	5.3	15.	3.5	21.	.1
25 9 81 6	11.8	0.00	.98	2.6	17.	2.5	14.	6.3	16.	3.6	20.	.1
25 9 81 7	11.8	.02	.93	2.3	17.	2.1	13.	6.7	16.	3.6	20.	.1
25 9 81 8	12.1	.00	.98	3.6	17.	2.6	14.	6.3	15.	4.0	21.	0.0
25 9 81 9	12.1	-.02	.98	4.7	17.	4.4	16.	7.7	15.	4.5	21.	0.0
25 9 81 10	12.1	.01	.95	4.4	16.	3.5	16.	8.8	14.	4.2	21.	0.0
25 9 81 11	12.5	.02	.91	4.4	17.	3.5	15.	8.8	14.	4.1	20.	0.0
25 9 81 12	12.9	-.03	.97	5.1	16.	3.4	14.	8.1	14.	5.3	19.	00.0
25 9 81 13	13.3	-.13	.92	5.5	14.	4.8	15.	8.4	14.	6.0	18.	00.0
25 9 81 14	13.3	-.12	.92	5.9	15.	5.3	14.	7.7	14.	6.8	18.	00.0
25 9 81 15	13.2	-.11	.93	6.1	15.	5.4	14.	7.0	14.	6.6	18.	00.0
25 9 81 16	13.1	-.06	.93	5.6	16.	5.1	14.	6.3	14.	6.9	18.	00.0
25 9 81 17	13.0	-.03	.92	5.2	16.	4.3	14.	6.7	15.	6.0	18.	00.0
25 9 81 18	12.9	0.00	.93	4.4	15.	4.4	14.	6.3	15.	5.3	19.	00.0
25 9 81 19	13.0	-.01	.93	4.2	14.	3.6	14.	4.6	16.	4.5	19.	00.0
25 9 81 20	12.8	.03	.95	4.3	16.	2.8	14.	2.5	16.	4.0	20.	1.8
25 9 81 21	12.5	.02	.97	4.4	17.	3.6	15.	2.1	16.	4.5	20.	2.0
25 9 81 22	12.4	.00	.98	3.9	17.	3.9	16.	1.8	17.	4.0	20.	1.0
25 9 81 23	12.4	.03	.93	2.6	17.	2.5	16.	1.8	22.	3.2	20.	0.0
25 9 81 24	12.3	.03	.99	2.1	18.	1.9	15.	2.5	19.	3.1	20.	0.0
26 9 81 1	12.1	.07	.98	1.2	17.	1.7	15.	1.4	19.	3.1	21.	0.0
26 9 81 2	11.6	.20	.99	1.3	20.	1.6	16.	1.4	19.	3.0	21.	0.0
26 9 81 3	11.3	.21	.98	1.2	22.	1.7	17.	1.4	14.	2.8	23.	0.0
26 9 81 4	10.7	.22	.98	.7	22.	1.1	16.	2.1	38.	2.4	24.	0.0
26 9 81 5	10.2	.27	.98	.5	1014.	.8	18.	1.8	32.	0.0	37.	0.0
26 9 81 6	10.4	.33	.98	1.7	15.	1.1	18.	1.3	38.	2.0	20.	0.0
26 9 81 7	10.1	.54	.98	.7	1017.	1.3	20.	1.8	10.	0.0	37.	0.0
26 9 81 8	11.8	.97	.98	.3	1014.	.8	12.	2.1	9.	0.0	37.	0.0
26 9 81 9	14.5	-.22	.83	.4	20.	1.1	21.	3.2	12.	2.0	12.	0.0
26 9 81 10	16.1	-.61	.74	.8	19.	1.1	24.	6.0	13.	0.0	37.	0.0
26 9 81 11	16.1	-.57	.73	1.4	22.	1.1	8.	6.3	15.	0.0	37.	0.0
26 9 81 12	15.3	-.30	.80	1.9	12.	1.6	16.	6.0	14.	2.0	38.	0.0
26 9 81 13	15.7	-.42	.79	2.6	15.	2.6	13.	5.6	14.	3.1	18.	0.0
26 9 81 14	15.9	-.57	.78	3.1	16.	3.6	15.	5.6	13.	4.4	19.	0.0
26 9 81 15	14.2	-.29	.88	3.1	15.	3.6	16.	4.6	13.	4.6	19.	0.0
26 9 81 16	13.2	-.15	.92	2.8	15.	3.1	15.	3.9	10.	4.3	19.	0.0
26 9 81 17	12.5	-.07	.92	3.1	14.	2.7	14.	3.2	11.	4.0	18.	0.0
26 9 81 18	12.3	-.02	.93	2.8	12.	2.2	12.	2.5	13.	4.0	17.	0.0
26 9 81 19	12.2	.02	.93	2.7	11.	1.9	7.	5.6	12.	3.9	14.	0.0
26 9 81 20	12.3	.00	.94	2.4	11.	2.3	6.	6.7	12.	3.7	15.	0.0
26 9 81 21	12.5	.00	.94	3.2	11.	2.4	8.	7.0	12.	3.9	15.	.3
26 9 81 22	12.8	.02	.93	4.0	11.	3.4	8.	7.0	12.	5.0	14.	1.5
26 9 81 23	12.7	.04	.95	4.6	11.	3.5	9.	6.0	12.	5.5	14.	1.7
26 9 81 24	12.7	.02	.98	4.7	12.	3.3	8.	8.8	14.	5.7	16.	00.0
27 9 81 1	12.5	.01	.98	4.7	11.	3.9	10.	8.1	14.	5.5	15.	00.0
27 9 81 2	12.5	.01	.97	6.1	11.	4.4	8.	7.0	13.	6.0	15.	00.0
27 9 81 3	12.8	.04	.96	6.1	12.	5.3	10.	5.6	13.	7.1	16.	00.0
27 9 81 4	12.9	.02	.97	5.9	14.	5.9	12.	3.9	13.	7.5	16.	00.0
27 9 81 5	13.0	.03	.97	6.4	12.	4.4	12.	4.2	14.	6.8	16.	00.0
27 9 81 6	13.1	.03	.96	5.1	12.	4.3	12.	5.6	13.	6.0	17.	00.0
27 9 81 7	13.1	.05	.95	4.7	11.	3.5	10.	5.6	13.	4.3	17.	00.0
27 9 81 8	13.0	.01	.95	4.1	11.	4.0	10.	5.6	13.	4.0	16.	00.0
27 9 81 9	13.2	.03	.93	4.8	11.	3.9	8.	6.0	12.	4.0	15.	00.0
27 9 81 10	13.6	-.04	.92	4.5	11.	3.8	8.	5.3	11.	5.1	15.	00.0
27 9 81 11	13.9	-.03	.90	4.1	11.	4.2	8.	4.9	12.	4.7	14.	00.0
27 9 81 12	14.1	0.00	.90	4.5	11.	4.5	7.	4.9	13.	5.0	14.	00.0
27 9 81 13	14.5	.01	.98	4.5	10.	4.9	8.	6.0	12.	5.0	14.	00.0
27 9 81 14	14.4	.05	.91	4.6	11.	5.4	7.	7.4	13.	4.6	16.	00.0
27 9 81 15	15.0	.05	.87	5.3	10.	5.6	6.	6.3	13.	4.0	18.	00.0
27 9 81 16	15.2	.02	.87	4.1	10.	4.9	6.	6.0	14.	3.9	15.	00.0
27 9 81 17	15.4	.01	.89	5.3	13.	3.5	10.	3.9	15.	6.5	16.	00.0
27 9 81 18	14.6	.05	.95	4.3	14.	3.3	12.	2.5	15.	6.2	16.	00.0
27 9 81 19	14.1	.02	.98	4.4	14.	3.6	13.	1.8	20.	5.6	18.	00.0
27 9 81 20	13.7	0.00	.99	3.1	15.	2.5	14.	2.1	19.	4.2	19.	00.0
27 9 81 21	13.2	0.00	.99	1.6	16.	1.9	15.	2.1	24.	3.9	19.	00.0
27 9 81 22	12.7	.03	.98	1.1	21.	1.9	16.	2.5	22.	3.5	20.	00.0
27 9 81 23	12.1	.09	.96	1.7	20.	2.2	18.	1.8	14.	3.0	24.	00.0
27 9 81 24	11.6	.06	.95	1.7	25.	1.6	21.	1.8	0.	2.6	24.	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	
28	9	81	1	11.4	.11	.95	1.4	22.	2.1	24.	1.8	16.	3.0	27.	99.0
28	9	81	2	11.1	.26	.97	1.2	22.	.9	14.	1.8	14.	2.6	24.	99.0
28	9	81	3	10.6	.30	.98	.7	14.	1.4	16.	1.8	33.	2.4	24.	99.0
28	9	81	4	9.8	.48	.97	.8	23.	1.4	14.	2.1	31.	2.2	21.	99.0
28	9	81	5	9.6	.61	.97	1.4	16.	1.1	16.	1.8	32.	2.0	21.	99.0
28	9	81	6	9.3	.57	.98	1.0	16.	1.4	2.	1.4	0.	0.0	37.	99.0
28	9	81	7	9.8	.42	.98	1.1	24.	1.1	3.	1.8	0.	0.0	37.	99.0
28	9	81	8	10.5	.38	.98	.9	30.	1.8	1.	1.8	11.	2.1	3.	99.0
28	9	81	9	11.9	-.09	.97	.7	33.	2.0	1.	2.5	12.	2.0	36.	99.0
28	9	81	10	13.4	-.38	.91	1.0	13.	1.2	1.	3.9	14.	2.0	38.	99.0
28	9	81	11	13.9	-.35	.87	.8	15.	1.3	8.	5.3	14.	2.0	12.	99.0
28	9	81	12	15.5	-.69	.74	1.7	20.	1.9	14.	6.0	14.	2.0	15.	99.0
28	9	81	13	16.3	-.66	.68	2.2	16.	2.0	16.	4.9	14.	2.2	19.	99.0
28	9	81	14	14.9	-.42	.79	3.4	14.	2.5	16.	3.9	17.	3.0	18.	99.0
28	9	81	15	14.8	-.43	.77	3.1	15.	2.9	15.	2.5	15.	3.2	19.	99.0
28	9	81	16	13.8	-.29	.82	2.5	15.	3.1	14.	1.4	0.	4.0	19.	99.0
28	9	81	17	12.7	-.13	.87	2.0	17.	2.6	16.	1.8	33.	3.3	21.	99.0
28	9	81	18	11.2	.20	.94	1.9	19.	1.9	16.	1.4	99.	3.0	21.	99.0
28	9	81	19	10.1	.34	.97	1.2	23.	1.1	16.	1.8	32.	0.0	37.	99.0
28	9	81	20	9.3	.26	.98	.6	10.	1.3	16.	1.8	32.	0.0	37.	99.0
28	9	81	21	9.4	.33	.98	.2	1012.	1.1	2.	2.1	31.	0.0	37.	99.0
28	9	81	22	9.3	.34	.98	.4	1012.	.9	2.	2.5	31.	2.0	38.	99.0
28	9	81	23	9.2	.58	.98	1.2	31.	1.8	2.	2.8	31.	2.0	33.	99.0
28	9	81	24	9.0	.21	.98	1.8	34.	1.5	2.	1.8	32.	2.0	2.	99.0
29	9	81	1	8.8	.17	.98	1.9	32.	1.6	2.	2.1	32.	0.0	37.	99.0
29	9	81	2	8.9	.04	.98	2.2	32.	.9	3.	2.1	31.	0.0	37.	99.0
29	9	81	3	8.9	.12	.98	2.0	31.	1.8	3.	1.8	38.	2.0	36.	99.0
29	9	81	4	8.7	.19	.98	1.2	33.	1.9	2.	2.1	38.	0.0	37.	99.0
29	9	81	5	9.0	.03	.98	2.0	33.	1.7	2.	2.1	30.	2.1	3.	99.0
29	9	81	6	8.9	.03	.98	1.3	2.	2.3	3.	1.4	33.	2.1	4.	99.0
29	9	81	7	9.0	.13	.98	1.4	35.	1.6	2.	2.5	38.	2.0	3.	99.0
29	9	81	8	9.3	-.01	.98	1.6	32.	1.6	2.	2.5	34.	2.0	36.	99.0
29	9	81	9	9.7	-.08	.98	.4	35.	1.6	3.	1.8	9.	2.0	38.	99.0
29	9	81	10	10.2	-.13	.97	.7	29.	1.3	2.	1.8	9.	1.8	2.	99.0
29	9	81	11	11.2	-.28	.93	.7	29.	1.1	30.	1.4	10.	2.0	4.	99.0
29	9	81	12	11.9	-.27	.87	.6	30.	1.1	24.	2.5	10.	2.0	7.	99.0
29	9	81	13	12.6	-.26	.85	.6	1022.	1.1	26.	3.9	13.	2.0	12.	99.0
29	9	81	14	12.4	-.21	.88	1.0	14.	1.4	24.	3.2	16.	2.0	18.	99.0
29	9	81	15	11.4	-.09	.96	1.5	13.	1.7	16.	2.1	17.	2.0	19.	99.0
29	9	81	16	12.0	-.15	.95	1.3	14.	2.1	14.	2.5	17.	2.8	18.	99.0
29	9	81	17	11.8	-.08	.90	2.4	19.	2.6	16.	2.5	20.	3.0	19.	99.0
29	9	81	18	11.0	.10	.94	1.9	17.	2.4	16.	2.1	25.	2.4	18.	99.0
29	9	81	19	10.7	.25	.95	2.3	18.	1.7	16.	2.5	25.	2.0	21.	99.0
29	9	81	20	10.1	.50	.97	2.1	21.	1.6	14.	1.8	22.	2.0	23.	99.0
29	9	81	21	9.6	.42	.96	1.8	23.	1.4	16.	2.5	23.	2.5	26.	99.0
29	9	81	22	8.7	.29	.94	1.1	1025.	1.4	18.	2.5	25.	2.3	27.	99.0
29	9	81	23	8.6	.31	.92	1.0	1020.	1.3	20.	4.9	23.	2.3	27.	99.0
29	9	81	24	7.6	.41	.95	.3	1014.	1.4	20.	4.9	22.	3.8	28.	99.0
30	9	81	1	8.1	.30	.92	1.5	26.	2.3	22.	3.5	24.	4.2	28.	99.0
30	9	81	2	8.2	.29	.90	2.1	22.	2.3	23.	5.3	24.	5.0	27.	99.0
30	9	81	3	8.7	.16	.87	3.6	23.	2.3	24.	5.6	23.	4.6	27.	99.0
30	9	81	4	8.3	.22	.89	1.8	24.	1.4	22.	5.3	23.	3.5	28.	99.0
30	9	81	5	8.3	.27	.87	2.7	24.	1.6	22.	4.6	23.	3.9	28.	99.0
30	9	81	6	8.4	.16	.87	3.2	24.	2.1	26.	3.5	23.	5.8	28.	99.0
30	9	81	7	9.2	.03	.82	1.6	23.	2.5	24.	4.2	22.	5.5	29.	99.0
30	9	81	8	11.1	-.16	.75	1.7	1002.	1.6	24.	4.2	21.	4.6	28.	99.0
30	9	81	9	13.6	-.50	.65	1.7	23.	3.1	24.	4.9	18.	4.0	28.	99.0
30	9	81	10	13.8	-.47	.64	2.6	23.	2.6	22.	5.3	17.	4.3	29.	99.0
30	9	81	11	14.0	-.57	.65	3.1	21.	3.1	21.	5.6	17.	3.0	26.	99.0
30	9	81	12	13.3	-.32	.70	3.0	21.	2.6	20.	5.6	17.	3.0	26.	99.0
30	9	81	13	13.1	-.23	.76	3.3	20.	3.2	18.	5.6	17.	3.1	24.	99.0
30	9	81	14	13.0	-.14	.82	3.6	19.	3.6	16.	4.6	16.	3.3	21.	99.0
30	9	81	15	12.9	-.08	.89	4.0	18.	4.3	16.	5.6	14.	4.0	21.	99.0
30	9	81	16	12.2	-.02	.91	5.1	19.	4.9	16.	6.3	15.	5.0	21.	99.0
30	9	81	17	10.8	.11	.91	3.3	17.	2.5	16.	6.3	16.	3.0	21.	99.0
30	9	81	18	11.3	.09	.96	4.5	16.	3.0	16.	6.0	17.	4.0	21.	99.0
30	9	81	19	11.7	.02	.93	5.1	17.	4.9	16.	5.6	17.	5.6	21.	99.0
30	9	81	20	11.6	.01	.93	5.2	19.	5.3	16.	4.6	18.	5.0	21.	99.0
30	9	81	21	11.9	.02	.93	5.7	19.	5.2	16.	4.6	18.	5.0	21.	99.0
30	9	81	22	12.2	.04	.97	6.0	20.	4.1	18.	4.2	17.	4.5	22.	99.0
30	9	81	23	12.5	.02	.93	5.4	20.	3.3	18.	3.5	17.	4.3	23.	99.0
30	9	81	24	12.6	.02	.93	5.0	21.	2.9	18.	3.5	16.	4.0	22.	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
1 10 81 1	12.7	.01	.98	4.1	21.	3.3	16.	3.2	16.	3.6	21.	99.0
1 10 81 2	13.0	.05	.98	3.0	20.	1.9	16.	3.5	16.	3.0	20.	99.0
1 10 81 3	13.2	.03	.98	3.2	20.	2.7	16.	5.3	16.	2.5	21.	99.0
1 10 81 4	13.4	.05	.98	3.2	19.	3.0	16.	4.9	16.	3.0	19.	99.0
1 10 81 5	13.4	.06	.97	3.5	20.	2.9	16.	5.6	17.	3.0	20.	99.0
1 10 81 6	13.2	-.00	.98	4.4	20.	4.1	16.	6.0	17.	3.2	20.	99.0
1 10 81 7	13.3	.00	.98	4.4	19.	3.7	16.	5.6	17.	4.0	22.	99.0
1 10 81 8	13.2	-.00	.98	4.4	20.	3.5	16.	5.6	17.	4.2	21.	99.0
1 10 81 9	13.2	0.00	.97	4.3	20.	4.2	16.	5.3	18.	4.1	22.	99.0
1 10 81 10	13.0	-.01	.97	4.4	18.	3.8	16.	5.3	17.	4.0	22.	99.0
1 10 81 11	12.7	-.03	.97	4.7	19.	4.1	16.	4.9	17.	4.0	22.	99.0
1 10 81 12	12.7	-.03	.97	5.2	19.	3.4	16.	5.3	17.	4.3	22.	99.0
1 10 81 13	12.7	-.01	.97	4.9	20.	4.5	16.	5.3	17.	4.5	21.	99.0
1 10 81 14	12.8	-.01	.97	4.8	20.	3.2	16.	5.3	17.	4.4	22.	99.0
1 10 81 15	13.1	-.00	.96	5.9	20.	3.1	17.	3.9	16.	99.0	22.	99.0
1 10 81 16	13.1	-.01	.97	4.6	20.	3.8	17.	4.6	14.	99.0	21.	99.0
1 10 81 17	13.1	.03	.96	5.9	19.	3.8	16.	4.6	15.	99.0	20.	99.0
1 10 81 18	13.2	.05	.96	3.2	17.	4.4	16.	3.2	15.	99.0	20.	99.0
1 10 81 19	13.2	.06	.94	3.4	17.	3.6	15.	3.5	17.	99.0	19.	99.0
1 10 81 20	13.1	.02	.93	3.8	16.	2.6	14.	3.2	17.	99.0	20.	99.0
1 10 81 21	13.0	.03	.92	4.1	18.	2.8	15.	3.2	15.	99.0	20.	99.0
1 10 81 22	13.0	.01	.91	3.8	18.	2.8	15.	3.2	16.	99.0	20.	99.0
1 10 81 23	12.9	.03	.90	3.0	19.	1.8	14.	2.8	15.	99.0	20.	99.0
1 10 81 24	12.6	.01	.92	2.7	18.	2.1	14.	4.9	13.	99.0	18.	99.0
2 10 81 1	12.4	.01	.93	2.6	19.	2.3	16.	6.7	14.	99.0	18.	99.0
2 10 81 2	12.5	-.00	.93	2.2	16.	2.1	16.	7.0	14.	99.0	18.	99.0
2 10 81 3	12.4	.01	.97	2.7	14.	2.1	14.	7.4	13.	99.0	19.	99.0
2 10 81 4	12.7	-.02	.96	3.9	15.	3.3	13.	7.4	13.	99.0	18.	99.0
2 10 81 5	12.4	-.04	.97	4.4	15.	4.1	13.	7.4	13.	99.0	17.	99.0
2 10 81 6	12.3	-.05	.98	4.5	14.	4.3	13.	7.4	13.	99.0	17.	99.0
2 10 81 7	12.2	-.05	.97	4.3	14.	3.9	12.	7.0	13.	99.0	16.	99.0
2 10 81 8	12.1	-.05	.98	4.5	13.	3.9	12.	6.3	13.	99.0	16.	99.0
2 10 81 9	12.1	-.03	.97	4.8	13.	4.1	12.	6.0	13.	99.0	16.	99.0
2 10 81 10	12.4	-.05	.95	4.9	13.	4.1	12.	6.7	13.	99.0	16.	99.0
2 10 81 11	12.8	-.05	.91	4.5	13.	3.6	11.	7.0	13.	99.0	16.	99.0
2 10 81 12	13.0	-.05	.89	3.9	13.	3.4	11.	6.3	12.	99.0	16.	99.0
2 10 81 13	13.3	-.04	.98	4.4	12.	3.5	10.	5.6	12.	99.0	15.	99.0
2 10 81 14	13.6	-.04	.87	4.7	12.	4.1	10.	4.2	13.	99.0	16.	99.0
2 10 81 15	13.6	-.04	.89	4.6	11.	3.5	10.	3.5	13.	99.0	15.	99.0
2 10 81 16	13.7	-.02	.90	4.1	10.	4.3	9.	4.6	12.	99.0	15.	99.0
2 10 81 17	13.6	0.00	.92	3.9	10.	3.6	8.	6.7	11.	99.0	14.	99.0
2 10 81 18	13.5	.00	.92	3.8	9.	4.5	7.	7.0	10.	99.0	15.	99.0
2 10 81 19	13.6	0.00	.92	4.0	10.	5.2	6.	7.0	10.	99.0	14.	99.0
2 10 81 20	13.6	.00	.93	4.3	9.	4.9	6.	7.0	10.	99.0	13.	99.0
2 10 81 21	13.6	-.02	.93	4.6	9.	5.4	6.	6.7	10.	99.0	13.	99.0
2 10 81 22	13.5	-.02	.94	4.2	9.	5.4	6.	6.3	10.	99.0	13.	99.0
2 10 81 23	13.6	-.01	.93	4.7	9.	5.4	6.	4.6	9.	99.0	14.	99.0
2 10 81 24	13.6	-.02	.93	4.3	11.	4.9	7.	4.9	10.	99.0	13.	99.0
3 10 81 1	13.6	-.02	.93	4.4	10.	5.4	6.	5.6	10.	99.0	13.	99.0
3 10 81 2	13.5	-.02	.93	4.6	9.	5.4	4.	6.7	10.	99.0	12.	99.0
3 10 81 3	13.3	-.03	.93	3.7	8.	4.9	6.	6.0	10.	99.0	13.	99.0
3 10 81 4	13.0	-.04	.94	4.4	11.	5.1	6.	5.6	10.	99.0	13.	99.0
3 10 81 5	12.8	-.03	.91	5.2	9.	6.4	6.	6.3	99.	99.0	12.	99.0
3 10 81 6	12.4	-.02	.88	4.9	9.	6.1	6.	6.3	99.	99.0	12.	99.0
3 10 81 7	12.1	-.03	.89	4.3	9.	4.9	4.	6.7	99.	99.0	11.	99.0
3 10 81 8	11.8	-.05	.90	4.5	8.	5.4	4.	6.3	99.	99.0	10.	99.0
3 10 81 9	11.7	-.04	.91	5.5	8.	8.1	4.	5.3	99.	99.0	10.	99.0
3 10 81 10	11.8	-.05	.89	5.6	8.	8.4	4.	5.3	99.	99.0	10.	99.0
3 10 81 11	11.8	-.05	.93	6.0	7.	8.2	5.	99.0	99.	99.0	9.	99.0
3 10 81 12	12.0	-.06	.83	4.7	7.	7.9	3.	5.3	99.	99.0	9.	99.0
3 10 81 13	12.2	-.05	.82	4.3	7.	6.9	3.	5.6	99.	99.0	8.	99.0
3 10 81 14	12.3	-.06	.83	4.7	7.	9.4	3.	6.0	99.	99.0	7.	99.0
3 10 81 15	12.0	.02	.84	5.5	8.	6.6	3.	99.0	99.	99.0	9.	99.0
3 10 81 16	11.3	.08	.92	5.4	7.	7.1	4.	6.3	99.	99.0	10.	99.0
3 10 81 17	11.0	.05	.94	6.0	7.	7.6	4.	6.7	99.	99.0	9.	99.0
3 10 81 18	10.9	.05	.95	6.1	7.	7.2	4.	3.9	18.	99.0	8.	99.0
3 10 81 19	10.9	.05	.96	6.2	7.	7.2	3.	2.8	11.	99.0	8.	99.0
3 10 81 20	10.5	.03	.97	6.1	9.	7.1	12.	2.8	12.	99.0	38.	99.0
3 10 81 21	8.6	.02	.97	3.7	19.	2.4	16.	2.5	14.	99.0	20.	99.0
3 10 81 22	8.1	.12	.96	1.6	14.	1.6	12.	1.4	25.	.5	15.	99.0
3 10 81 23	3.2	.16	.98	2.5	10.	1.6	8.	1.4	0.	.5	17.	99.0
3 10 81 24	8.5	.10	.97	2.8	12.	1.7	10.	1.8	12.	.8	17.	99.0

	T-SS	DT-SS	RH-SS	F-SS	D-SS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
4 10 81 1	8.5	.24	.96	1.2	20.	1.4	16.	1.8	33.	0.0	37.	99.0
4 10 81 2	7.7	.35	.97	.8	27.	1.1	22.	1.8	32.	0.0	37.	99.0
4 10 81 3	7.4	.54	.98	1.0	7.	1.5	2.	2.1	31.	0.0	37.	99.0
4 10 81 4	7.1	.77	.98	1.3	6.	1.6	2.	1.4	31.	0.0	37.	99.0
4 10 81 5	6.0	.50	.98	1.4	35.	1.0	3.	2.5	32.	0.0	37.	99.0
4 10 81 6	6.8	.62	.98	1.2	7.	2.5	2.	3.2	32.	.4	36.	99.0
4 10 81 7	6.9	.43	.98	1.5	6.	2.3	2.	3.2	33.	.5	36.	99.0
4 10 81 8	7.5	.21	.97	1.0	5.	1.9	1.	3.2	33.	.5	33.	99.0
4 10 81 9	9.6	-.38	.95	1.4	2.	3.8	1.	3.5	99.	1.5	36.	99.0
4 10 81 10	11.0	-.32	.83	2.0	3.	3.5	2.	4.2	99.	2.0	3.	99.0
4 10 81 11	10.1	-.19	.87	1.7	2.	4.1	2.	2.8	99.	2.1	3.	99.0
4 10 81 12	9.3	-.10	.90	2.2	4.	3.6	2.	3.5	99.	2.0	6.	99.0
4 10 81 13	9.0	-.04	.93	2.7	3.	4.5	2.	3.5	99.	2.6	3.	99.0
4 10 81 14	9.2	-.03	.92	3.1	2.	2.9	2.	3.2	99.	2.8	4.	99.0
4 10 81 15	9.3	-.04	.93	2.4	0.	3.1	1.	3.2	98.	2.0	3.	99.0
4 10 81 16	8.9	.03	.94	2.6	35.	2.8	1.	2.8	29.	2.0	36.	99.0
4 10 81 17	8.6	.08	.94	3.3	35.	2.9	1.	2.5	29.	.6	33.	99.0
4 10 81 18	8.4	.16	.94	2.7	33.	1.1	2.	2.1	31.	.5	33.	99.0
4 10 81 19	8.3	.16	.96	2.3	30.	1.3	2.	2.5	30.	.5	30.	99.0
4 10 81 20	8.2	.15	.95	2.1	29.	1.2	26.	2.5	31.	.6	29.	99.0
4 10 81 21	8.0	.19	.93	1.6	30.	1.1	32.	2.8	30.	.5	27.	99.0
4 10 81 22	7.5	.24	.96	2.0	29.	3.1	26.	2.8	30.	.6	30.	99.0
4 10 81 23	6.7	.43	.96	1.5	32.	1.7	25.	2.5	31.	.5	38.	99.0
4 10 81 24	6.2	.36	.97	2.4	32.	1.1	1.	2.5	32.	0.0	37.	99.0
5 10 81 1	5.8	.32	.97	2.3	32.	1.3	1.	2.1	32.	0.0	37.	99.0
5 10 81 2	5.1	.40	.96	2.2	31.	1.7	1.	1.8	33.	0.0	37.	99.0
5 10 81 3	4.8	.36	.97	2.0	32.	1.7	2.	1.4	99.	.5	34.	99.0
5 10 81 4	4.7	.31	.97	1.7	32.	1.4	2.	1.4	99.	.5	35.	99.0
5 10 81 5	5.1	.66	.97	1.9	31.	1.5	1.	1.8	99.	.4	33.	99.0
5 10 81 6	5.9	.53	.94	1.5	27.	1.3	1.	1.4	99.	.5	24.	99.0
5 10 81 7	6.5	.78	.94	1.8	22.	.7	16.	1.8	99.	.6	24.	99.0
5 10 81 8	7.5	.45	.94	1.9	21.	1.1	16.	2.1	99.	.8	21.	99.0
5 10 81 9	10.2	-.49	.84	.7	17.	1.2	16.	2.5	99.	.9	18.	99.0
5 10 81 10	10.4	-.39	.86	1.3	21.	1.5	16.	2.8	99.	.8	20.	99.0
5 10 81 11	12.4	-.66	.78	1.7	23.	1.2	20.	4.9	99.	1.0	27.	99.0
5 10 81 12	13.8	-.43	.69	1.3	25.	.9	24.	4.9	27.	1.0	12.	99.0
5 10 81 13	14.7	-.35	.60	1.9	25.	1.4	14.	4.6	27.	1.5	30.	99.0
5 10 81 14	14.7	-.28	.51	3.5	23.	3.0	24.	3.9	27.	2.8	31.	99.0
5 10 81 15	14.5	-.22	.40	6.2	27.	5.9	25.	3.2	27.	5.4	30.	99.0
5 10 81 16	13.5	-.12	.38	5.3	23.	5.4	26.	2.5	27.	5.0	31.	99.0
5 10 81 17	12.0	-.08	.42	5.4	27.	4.6	26.	3.5	25.	5.5	30.	99.0
5 10 81 18	10.3	.10	.47	4.8	23.	4.3	25.	3.5	25.	4.5	31.	99.0
5 10 81 19	9.1	.10	.50	4.5	27.	4.1	26.	3.9	25.	5.5	29.	99.0
5 10 81 20	7.8	.18	.56	2.7	29.	3.2	25.	2.1	27.	4.2	29.	99.0
5 10 81 21	6.5	.26	.61	1.5	27.	2.8	25.	1.8	99.	4.0	29.	99.0
5 10 81 22	5.4	.48	.66	1.8	21.	1.4	16.	2.1	99.	3.5	28.	99.0
5 10 81 23	4.9	.59	.70	2.0	22.	3.1	25.	1.8	99.	2.3	27.	99.0
5 10 81 24	4.9	.42	.71	2.2	25.	2.8	24.	2.8	99.	2.0	26.	99.0
6 10 81 1	4.8	.19	.72	2.2	26.	2.6	21.	2.8	99.	1.5	24.	99.0
6 10 81 2	4.1	.50	.75	2.0	24.	2.9	22.	2.5	99.	1.5	22.	99.0
6 10 81 3	4.0	.38	.79	2.4	24.	1.7	23.	2.5	99.	2.0	26.	99.0
6 10 81 4	4.1	.25	.77	2.2	26.	1.9	23.	1.8	99.	1.5	22.	99.0
6 10 81 5	3.2	.35	.82	1.2	28.	2.1	26.	1.4	99.	1.5	38.	99.0
6 10 81 6	2.3	.33	.90	1.1	25.	1.6	1.	1.4	99.	.9	30.	99.0
6 10 81 7	3.1	.27	.94	1.5	30.	2.3	1.	1.8	99.	1.0	33.	99.0
6 10 81 8	5.1	.14	.85	1.0	26.	1.3	2.	1.4	99.	.5	27.	99.0
6 10 81 9	7.2	-.27	.73	1.3	25.	.6	3.	2.5	99.	.5	16.	99.0
6 10 81 10	10.2	-.25	.58	.8	27.	.9	4.	3.2	99.	.4	9.	99.0
6 10 81 11	11.0	-.40	.47	1.0	1027.	.9	4.	3.5	99.	.6	4.	99.0
6 10 81 12	10.1	-.36	.54	2.0	13.	1.3	16.	3.5	99.	.6	9.	99.0
6 10 81 13	10.3	-.24	.51	2.4	19.	2.2	13.	3.9	99.	.8	18.	99.0
6 10 81 14	9.7	-.19	.57	2.3	21.	2.1	16.	3.5	99.	2.0	21.	99.0
6 10 81 15	10.2	-.28	.57	2.0	19.	1.9	14.	3.2	99.	2.0	20.	99.0
6 10 81 16	9.4	-.10	.63	2.1	17.	2.3	14.	3.2	99.	2.1	19.	99.0
6 10 81 17	8.3	.10	.77	2.1	12.	1.5	9.	2.8	99.	2.2	15.	99.0
6 10 81 18	7.2	.19	.93	2.6	11.	2.3	4.	3.5	99.	2.0	12.	99.0
6 10 81 19	7.3	.13	.96	2.5	9.	3.1	2.	4.2	99.	2.1	9.	99.0
6 10 81 20	7.6	.04	.97	2.3	9.	3.5	3.	5.6	99.	2.0	9.	99.0
6 10 81 21	7.9	.03	.95	3.9	10.	3.9	6.	4.9	99.	2.2	12.	99.0
6 10 81 22	8.2	.03	.93	4.3	10.	5.4	6.	3.5	99.	4.0	14.	99.0
6 10 81 23	8.4	.01	.95	4.4	9.	5.6	6.	3.2	99.	3.9	14.	99.0
6 10 81 24	8.3	.01	.95	3.8	10.	6.4	4.	8.8	99.	3.7	12.	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
7 10 81 1	8.5	0.00	.96	3.9	10.	5.1	5.	9.8	99.	3.8	12.	99.0
7 10 81 2	9.0	.02	.96	3.5	11.	4.5	6.	9.1	99.	3.5	13.	99.0
7 10 81 3	10.3	.04	.98	4.5	12.	3.6	8.	8.8	99.	4.2	39.	99.0
7 10 81 4	10.5	-.02	.96	6.0	14.	4.0	12.	9.1	99.	4.5	16.	99.0
7 10 81 5	10.3	.00	.93	6.5	13.	5.2	12.	9.5	99.	6.2	14.	99.0
7 10 81 6	9.8	-.02	.92	6.2	12.	4.4	10.	11.2	99.	6.0	15.	99.0
7 10 81 7	9.3	-.02	.95	7.2	12.	5.9	8.	6.3	99.	6.0	15.	99.0
7 10 81 8	9.2	-.00	.96	7.2	12.	5.9	8.	5.6	99.	6.0	14.	99.0
7 10 81 9	9.8	0.00	.96	8.4	13.	5.9	10.	6.7	99.	7.5	16.	99.0
7 10 81 10	9.9	-.02	.93	5.9	10.24.	5.4	16.	4.9	99.	6.4	23.	99.0
7 10 81 11	10.6	-.31	.75	6.1	25.	5.9	24.	5.3	99.	5.5	28.	99.0
7 10 81 12	11.1	-.37	.57	6.7	25.	5.9	22.	4.6	99.	5.4	28.	99.0
7 10 81 13	11.6	-.43	.50	7.2	24.	6.2	21.	4.2	99.	4.9	27.	99.0
7 10 81 14	11.7	-.54	.51	5.9	23.	5.2	20.	2.8	99.	4.5	26.	99.0
7 10 81 15	11.4	-.53	.53	4.6	23.	4.2	21.	2.5	99.	3.8	24.	99.0
7 10 81 16	10.2	-.29	.57	4.6	22.	3.3	20.	3.2	99.	3.0	24.	99.0
7 10 81 17	8.5	.03	.69	2.6	21.	3.1	20.	3.5	99.	2.2	23.	99.0
7 10 81 18	7.5	.16	.83	1.7	19.	1.9	15.	1.8	99.	2.1	21.	99.0
7 10 81 19	6.7	.18	.98	2.1	22.	2.1	16.	1.8	99.	2.0	24.	99.0
7 10 81 20	6.3	.18	.88	3.4	23.	2.9	21.	2.1	99.	2.0	24.	99.0
7 10 81 21	5.6	.22	.92	1.7	18.	1.6	13.	1.8	99.	1.9	21.	99.0
7 10 81 22	5.6	.24	.89	1.3	18.	1.9	14.	3.5	99.	.6	23.	99.0
7 10 81 23	6.2	.21	.85	2.1	19.	1.5	14.	6.7	99.	.7	21.	99.0
7 10 81 24	6.3	.16	.86	1.9	18.	1.3	12.	6.0	99.	.5	20.	99.0
8 10 81 1	6.0	.19	.89	2.2	1008.	2.7	1.	3.5	99.	.5	38.	99.0
8 10 81 2	5.4	.09	.96	3.7	1.	4.4	32.	1.8	99.	2.8	36.	99.0
8 10 81 3	5.7	.10	.90	5.1	34.	5.4	29.	2.1	99.	3.0	33.	99.0
8 10 81 4	5.8	.10	.84	5.3	33.	4.9	29.	1.8	99.	3.5	34.	99.0
8 10 81 5	5.3	.13	.86	2.4	29.	2.3	28.	1.8	99.	3.0	32.	99.0
8 10 81 6	4.2	.38	.90	1.9	23.	1.9	17.	3.5	99.	2.0	24.	99.0
8 10 81 7	4.6	.29	.87	1.2	23.	2.1	16.	4.9	99.	1.8	22.	99.0
8 10 81 8	5.7	.09	.82	1.3	25.	1.3	22.	4.6	99.	.7	21.	99.0
8 10 81 9	7.3	-.10	.76	1.4	27.	1.4	22.	6.0	99.	1.0	24.	99.0
8 10 81 10	9.5	-.25	.66	3.5	25.	2.3	21.	5.6	99.	3.8	28.	99.0
8 10 81 11	11.7	-.37	.56	4.1	27.	4.3	24.	5.6	99.	4.0	29.	99.0
8 10 81 12	12.6	-.31	.45	5.2	28.	4.4	24.	5.3	99.	5.0	30.	99.0
8 10 81 13	13.0	-.26	.42	5.4	28.	6.2	23.	4.6	99.	5.5	30.	99.0
8 10 81 14	13.2	-.34	.40	5.1	26.	5.9	23.	3.5	99.	4.5	29.	99.0
8 10 81 15	12.6	-.22	.40	5.6	28.	6.6	24.	3.5	99.	4.6	30.	99.0
8 10 81 16	12.0	-.16	.42	5.2	27.	6.2	24.	3.5	99.	4.8	30.	99.0
8 10 81 17	10.7	-.07	.46	3.8	26.	3.0	25.	5.3	99.	4.0	29.	99.0
8 10 81 18	9.1	.17	.53	3.3	26.	2.6	23.	3.5	99.	2.6	27.	99.0
8 10 81 19	7.9	.23	.59	2.7	27.	2.6	24.	2.5	99.	3.2	28.	99.0
8 10 81 20	7.4	.15	.63	2.4	25.	3.2	24.	3.2	99.	4.5	29.	99.0
8 10 81 21	6.1	.26	.70	1.7	27.	2.9	24.	2.5	99.	5.2	28.	99.0
8 10 81 22	6.5	.19	.70	3.9	28.	3.7	25.	2.1	99.	3.8	27.	99.0
8 10 81 23	6.5	.24	.71	2.8	31.	3.1	25.	2.1	99.	1.0	30.	99.0
8 10 81 24	4.9	.36	.81	1.0	30.	2.2	24.	1.8	99.	.6	29.	99.0
9 10 81 1	4.2	.51	.84	.9	28.	1.1	28.	2.1	99.	.5	27.	99.0
9 10 81 2	3.5	.83	.91	1.0	16.	1.2	2.	2.1	99.	.5	22.	99.0
9 10 81 3	3.3	1.36	.95	.7	20.	.9	6.	1.4	99.	.5	24.	99.0
9 10 81 4	2.8	.84	.95	.9	32.	1.8	1.	2.1	99.	0.0	37.	99.0
9 10 81 5	2.6	.40	.97	2.4	32.	2.3	1.	2.5	99.	.5	33.	99.0
9 10 81 6	1.8	.90	.96	1.7	33.	1.3	2.	1.4	99.	.6	32.	99.0
9 10 81 7	2.3	1.12	.96	1.6	34.	1.3	1.	1.4	99.	.5	33.	99.0
9 10 81 8	3.3	.24	.95	1.4	35.	2.7	1.	1.4	99.	.6	1.	99.0
9 10 81 9	4.1	.24	.91	1.3	34.	2.6	1.	1.8	99.	.8	3.	99.0
9 10 81 10	5.1	.11	.89	.6	2.	1.9	1.	1.8	99.	.6	6.	99.0
9 10 81 11	6.6	-.05	.83	.6	10.	1.3	1.	2.5	99.	.5	6.	99.0
9 10 81 12	7.8	-.11	.79	.5	8.	2.1	2.	3.2	99.	.6	4.	99.0
9 10 81 13	7.1	.10	.91	1.2	12.	1.8	3.	3.5	99.	.6	3.	99.0
9 10 81 14	7.5	-.04	.97	2.2	14.	2.5	2.	3.2	99.	.8	2.	99.0
9 10 81 15	7.8	-.03	.97	1.2	8.	3.4	1.	3.2	99.	.7	2.	99.0
9 10 81 16	8.1	.14	.97	1.4	8.	3.9	1.	9.5	99.	.9	2.	99.0
9 10 81 17	8.7	.17	.97	1.3	1010.	2.9	1.	7.4	99.	1.0	36.	99.0
9 10 81 18	9.9	.21	.98	3.1	16.	2.6	12.	7.7	99.	1.0	38.	99.0
9 10 81 19	11.1	-.00	.97	5.9	16.	4.8	14.	8.4	99.	6.2	18.	99.0
9 10 81 20	11.2	.00	.96	5.5	17.	4.8	14.	8.4	99.	4.7	19.	99.0
9 10 81 21	11.3	.00	.95	5.3	17.	4.4	14.	6.0	99.	5.3	19.	99.0
9 10 81 22	11.3	-.01	.95	5.4	13.	4.9	14.	7.4	99.	5.2	19.	99.0
9 10 81 23	11.3	0.00	.97	5.5	18.	4.6	14.	6.3	99.	5.6	19.	99.0
9 10 81 24	11.1	.02	.96	4.5	19.	3.4	14.	2.8	99.	4.0	19.	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
10 10 81 1	10.4	.00	.96	4.7	16.	4.4	13.	2.1	99.	5.8	17.	99.0
10 10 81 2	10.6	.05	.95	5.6	17.	4.9	13.	2.1	99.	5.9	19.	99.0
10 10 81 3	10.3	.05	.92	2.8	25.	3.3	20.	2.5	99.	3.9	27.	99.0
10 10 81 4	8.5	.03	.94	2.0	30.	2.3	26.	1.4	99.	2.2	30.	99.0
10 10 81 5	8.1	.16	.96	1.2	10.	1.5	3.	1.8	99.	.5	38.	99.0
10 10 81 6	7.9	.31	.94	1.2	1018.	1.5	10.	1.8	99.	.5	38.	99.0
10 10 81 7	7.5	.43	.93	2.0	12.	1.1	6.	2.5	99.	0.0	37.	99.0
10 10 81 8	7.4	.51	.93	2.6	14.	1.1	12.	1.8	99.	0.0	37.	99.0
10 10 81 9	9.1	.03	.91	1.6	20.	1.1	2.	1.4	99.	0.0	37.	99.0
10 10 81 10	9.0	-.14	.89	2.2	31.	2.1	26.	1.4	99.	1.0	33.	99.0
10 10 81 11	3.5	-.08	.92	1.0	1031.	1.6	26.	1.8	99.	1.2	38.	99.0
10 10 81 12	8.6	-.10	.91	.6	29.	1.1	2.	1.8	99.	0.0	37.	99.0
10 10 81 13	9.3	-.08	.89	.7	1099.	1.6	2.	3.2	99.	.4	6.	99.0
10 10 81 14	9.4	-.10	.92	.4	16.	1.3	2.	0.0	37.	0.0	37.	99.0
10 10 81 15	10.4	-.35	.90	1.1	14.	1.1	14.	3.2	99.	.3	18.	99.0
10 10 81 16	9.2	-.07	.94	1.6	18.	2.1	14.	4.6	99.	.6	20.	99.0
10 10 81 17	3.6	.12	.96	2.2	21.	1.8	15.	4.9	99.	.7	20.	99.0
10 10 81 18	8.4	.12	.94	2.6	24.	2.6	20.	3.9	99.	.9	24.	99.0
10 10 81 19	8.0	.05	.84	3.1	26.	4.1	24.	3.9	99.	2.2	29.	99.0
10 10 81 20	7.6	.06	.81	3.7	25.	4.3	24.	3.9	99.	3.5	28.	99.0
10 10 81 21	6.7	.07	.85	2.2	23.	2.5	22.	2.5	99.	3.0	27.	99.0
10 10 81 22	6.2	.06	.84	3.1	23.	2.6	20.	2.1	99.	2.5	26.	99.0
10 10 81 23	5.8	.13	.84	3.0	23.	1.8	20.	1.4	99.	2.6	27.	99.0
10 10 81 24	4.8	.26	.88	1.8	23.	1.8	20.	1.8	99.	2.4	24.	99.0
11 10 81 1	4.0	.39	.91	1.8	23.	2.0	16.	2.5	99.	1.1	19.	99.0
11 10 81 2	3.3	.53	.93	1.1	23.	1.1	20.	2.1	99.	1.5	24.	99.0
11 10 81 3	3.1	.45	.93	.8	21.	1.2	8.	2.5	99.	1.2	27.	99.0
11 10 81 4	2.7	.45	.95	1.1	1034.	2.3	2.	2.5	99.	.6	33.	99.0
11 10 81 5	2.7	.24	.96	1.5	34.	1.6	2.	2.5	99.	.5	36.	99.0
11 10 81 6	2.5	.13	.96	1.5	34.	1.5	1.	2.1	99.	.3	30.	99.0
11 10 81 7	2.6	-.05	.96	2.0	33.	1.4	2.	1.8	99.	.5	35.	99.0
11 10 81 8	2.5	-.11	.97	2.0	32.	1.8	1.	1.4	99.	.5	38.	99.0
11 10 81 9	2.9	-.16	.96	1.4	32.	1.9	1.	1.4	99.	.7	4.	99.0
11 10 81 10	3.7	-.15	.97	.4	35.	2.0	1.	1.4	99.	.6	5.	99.0
11 10 81 11	4.2	-.18	.96	.5	1025.	1.6	2.	1.4	99.	0.0	37.	99.0
11 10 81 12	5.9	-.34	.92	.7	1036.	2.5	2.	1.4	99.	.5	5.	99.0
11 10 81 13	7.0	-.29	.86	.8	0.	2.3	1.	1.8	99.	.5	3.	99.0
11 10 81 14	8.6	-.12	.80	.6	1002.	2.1	2.	1.4	99.	.4	2.	99.0
11 10 81 15	7.5	-.10	.86	.8	9.	1.1	2.	1.8	99.	0.0	37.	99.0
11 10 81 16	3.1	-.13	.83	1.0	14.	1.1	2.	1.8	99.	0.0	37.	99.0
11 10 81 17	6.8	.19	.98	1.0	13.	2.1	1.	1.8	99.	0.0	37.	99.0
11 10 81 18	5.4	.30	.93	.6	1030.	1.1	2.	2.1	99.	0.0	37.	99.0
11 10 81 19	4.7	.99	.95	.8	35.	1.4	2.	2.1	99.	0.0	37.	99.0
11 10 81 20	4.5	.93	.96	.5	1005.	1.1	2.	2.1	99.	0.0	37.	99.0
11 10 81 21	4.5	.78	.97	1.4	35.	1.4	2.	1.8	99.	0.0	37.	99.0
11 10 81 22	4.2	.45	.96	1.5	34.	1.1	2.	1.8	99.	0.0	37.	99.0
11 10 81 23	4.0	.16	.96	1.4	33.	.9	26.	1.8	99.	.4	27.	99.0
11 10 81 24	3.8	.30	.96	.8	1035.	.6	10.	2.5	99.	.5	28.	99.0
12 10 81 1	3.9	.08	.96	1.2	32.	.5	4.	2.8	99.	.5	29.	99.0
12 10 81 2	4.0	-.04	.96	1.1	32.	1.6	1.	2.5	99.	.4	29.	99.0
12 10 81 3	4.1	-.00	.96	1.5	33.	1.6	1.	1.8	99.	.5	36.	99.0
12 10 81 4	4.0	-.02	.96	1.9	33.	1.7	1.	2.1	99.	.6	1.	99.0
12 10 81 5	3.7	.01	.96	2.0	32.	1.6	2.	2.5	99.	.6	33.	99.0
12 10 81 6	3.5	.01	.96	1.2	33.	1.3	2.	1.4	99.	.5	35.	99.0
12 10 81 7	3.6	.05	.96	1.4	34.	1.1	2.	1.8	99.	.4	2.	99.0
12 10 81 8	4.5	-.06	.96	1.3	34.	1.7	2.	2.5	99.	.3	3.	99.0
12 10 81 9	5.4	-.14	.97	.9	32.	1.6	2.	3.5	99.	0.0	37.	99.0
12 10 81 10	7.5	-.11	.96	1.4	29.	1.3	1.	3.5	99.	.5	6.	0.0
12 10 81 11	3.6	-.11	.72	2.7	30.	1.4	2.	2.8	99.	.6	2.	0.0
12 10 81 12	9.9	-.10	.51	4.0	29.	3.0	26.	3.2	99.	2.5	32.	0.0
12 10 81 13	10.3	-.14	.47	4.7	29.	4.4	25.	2.5	99.	3.1	32.	0.0
12 10 81 14	2.9	-.07	.46	4.8	29.	3.6	25.	3.5	99.	3.0	32.	0.0
12 10 81 15	10.7	-.16	.46	2.7	30.	2.6	25.	2.8	99.	2.5	33.	0.0
12 10 81 16	10.9	-.19	.43	3.2	29.	3.1	26.	2.5	99.	3.8	32.	0.0
12 10 81 17	9.8	-.06	.44	3.4	30.	3.1	29.	2.1	99.	3.0	31.	0.0
12 10 81 18	8.0	.10	.50	2.5	28.	3.6	26.	2.8	99.	3.4	30.	0.0
12 10 81 19	6.4	.21	.59	2.2	32.	3.3	26.	3.2	99.	3.8	31.	0.0
12 10 81 20	4.9	.30	.71	1.7	32.	1.9	26.	2.5	99.	3.2	31.	0.0
12 10 81 21	4.4	.27	.72	1.6	31.	1.9	8.	2.9	99.	2.5	29.	0.0
12 10 81 22	3.9	.52	.80	2.7	32.	.9	4.	2.5	99.	1.5	30.	0.0
12 10 81 23	3.7	.51	.78	2.9	32.	1.1	24.	2.5	99.	1.0	29.	0.0
12 10 81 24	3.1	.52	.84	2.9	32.	.8	27.	2.8	99.	1.0	30.	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
13 10 81 1	2.7	.56	.83	3.0	32.	.6	2.	2.8	09.	.9	32.	0.0
13 10 81 2	2.3	.61	.85	3.4	32.	.9	3.	3.2	09.	.9	36.	0.0
13 10 81 3	2.0	.53	.87	2.6	32.	.9	2.	2.8	09.	.8	36.	0.0
13 10 81 4	1.9	.62	.89	3.3	32.	.9	2.	3.2	09.	.7	36.	0.0
13 10 81 5	1.9	.41	.90	3.1	32.	1.8	1.	2.8	09.	.8	36.	0.0
13 10 81 6	1.6	.41	.92	2.8	33.	1.7	1.	2.5	09.	.5	36.	0.0
13 10 81 7	1.5	.39	.92	2.8	32.	1.7	1.	2.5	09.	.4	36.	0.0
13 10 81 8	2.8	.04	.98	2.6	32.	1.6	1.	2.5	09.	.5	1.	0.0
13 10 81 9	4.0	-.28	.82	2.3	32.	1.1	2.	3.2	09.	.5	2.	0.0
13 10 81 10	4.4	-.59	.67	2.5	32.	.9	8.	3.2	09.	.5	3.	0.0
13 10 81 11	7.8	-.71	.58	2.4	33.	1.1	6.	3.5	09.	.6	38.	0.0
13 10 81 12	9.7	-.82	.48	2.1	32.	2.1	26.	2.5	09.	.8	6.	0.0
13 10 81 13	11.4	-.78	.42	2.0	33.	2.6	32.	3.5	09.	.7	6.	0.0
13 10 81 14	12.6	-.77	.38	2.0	33.	2.9	28.	3.5	09.	.8	38.	0.0
13 10 81 15	12.3	-.54	.38	2.1	32.	2.5	26.	2.8	09.	.9	33.	0.0
13 10 81 16	10.0	-.08	.44	2.2	30.	3.5	26.	2.8	09.	1.2	33.	0.0
13 10 81 17	8.2	.08	.51	2.3	32.	3.9	28.	2.8	09.	1.3	33.	0.0
13 10 81 18	7.3	.17	.55	1.7	31.	2.7	28.	2.8	09.	1.3	32.	0.0
13 10 81 19	6.1	.51	.64	2.3	33.	.7	4.	3.9	09.	1.2	30.	0.0
13 10 81 20	5.7	.62	.68	2.7	32.	1.1	4.	3.9	09.	1.0	38.	0.0
13 10 81 21	5.4	.65	.71	2.7	32.	1.1	2.	3.2	09.	.6	33.	0.0
13 10 81 22	5.1	.52	.78	2.5	33.	1.5	2.	2.5	09.	0.0	37.	0.0
13 10 81 23	4.9	.52	.82	2.8	33.	2.2	1.	3.5	09.	.5	6.	0.0
13 10 81 24	4.7	.53	.80	2.9	33.	1.7	2.	3.9	09.	.5	3.	0.0
14 10 81 1	4.9	.55	.76	2.9	33.	1.4	2.	3.9	09.	.6	2.	0.0
14 10 81 2	5.1	.40	.75	3.2	33.	1.1	2.	3.9	09.	.5	36.	0.0
14 10 81 3	5.8	.26	.72	2.6	34.	1.5	3.	3.9	09.	.6	1.	0.0
14 10 81 4	5.8	.26	.71	2.7	33.	1.2	3.	3.2	09.	.6	2.	0.0
14 10 81 5	6.1	.16	.69	2.9	33.	1.9	2.	2.5	09.	.6	36.	0.0
14 10 81 6	6.0	.11	.70	3.0	32.	2.1	32.	2.1	09.	1.2	33.	0.0
14 10 81 7	5.9	.11	.68	3.0	32.	2.8	32.	2.5	09.	2.3	33.	0.0
14 10 81 8	5.7	.04	.68	3.4	33.	2.7	32.	3.5	09.	2.2	36.	0.0
14 10 81 9	6.2	-.07	.67	2.9	32.	3.1	31.	3.9	09.	2.3	2.	0.0
14 10 81 10	6.9	-.27	.65	2.7	33.	2.4	32.	3.9	09.	1.8	2.	0.0
14 10 81 11	7.7	-.30	.62	2.8	32.	1.6	32.	3.9	09.	2.0	3.	0.0
14 10 81 12	3.8	-.40	.57	2.6	32.	2.3	29.	3.2	09.	1.9	36.	0.0
14 10 81 13	9.7	-.45	.51	2.7	33.	3.1	28.	1.8	09.	2.2	36.	0.0
14 10 81 14	10.2	-.45	.49	2.0	32.	2.9	27.	3.5	09.	2.5	35.	0.0
14 10 81 15	10.4	-.40	.47	1.6	31.	2.9	27.	3.9	09.	2.6	34.	0.0
14 10 81 16	10.0	-.32	.46	1.7	31.	2.6	26.	3.9	09.	2.5	33.	0.0
14 10 81 17	8.0	-.05	.55	1.3	31.	3.3	28.	3.2	09.	2.3	33.	0.0
14 10 81 18	5.6	.31	.67	1.8	33.	2.1	29.	2.5	09.	3.0	36.	0.0
14 10 81 19	5.5	.26	.60	3.4	32.	2.7	31.	3.5	09.	2.2	36.	0.0
14 10 81 20	4.9	.30	.61	3.5	32.	1.9	29.	3.2	09.	2.1	35.	0.0
14 10 81 21	4.0	.45	.66	3.4	33.	.9	2.	3.2	09.	2.2	36.	0.0
14 10 81 22	3.5	.33	.68	3.2	32.	.7	26.	3.2	09.	2.5	36.	0.0
14 10 81 23	2.8	.33	.75	3.5	32.	1.6	32.	2.8	09.	2.1	2.	0.0
14 10 81 24	2.3	.37	.79	3.8	32.	1.6	32.	2.8	09.	2.0	36.	0.0
15 10 81 1	1.9	.36	.81	3.8	32.	1.5	36.	3.2	09.	2.0	2.	0.0
15 10 81 2	1.6	.35	.82	3.4	32.	1.4	36.	3.2	09.	2.1	36.	0.0
15 10 81 3	1.2	.38	.85	3.4	32.	2.1	32.	2.8	09.	2.0	36.	0.0
15 10 81 4	.6	.48	.89	2.6	32.	2.1	1.	2.8	09.	2.1	33.	0.0
15 10 81 5	.6	.33	.90	3.3	32.	1.1	1.	2.5	09.	1.9	31.	0.0
15 10 81 6	.1	.36	.92	2.9	32.	2.2	1.	1.8	09.	1.0	36.	0.0
15 10 81 7	-.6	.44	.96	2.7	33.	1.5	1.	1.8	09.	1.2	33.	0.0
15 10 81 8	1.6	-.25	.86	2.2	33.	1.9	1.	1.4	09.	.8	36.	0.0
15 10 81 9	3.4	-.38	.76	1.2	35.	2.5	2.	09.0	09.	.5	5.	0.0
15 10 81 10	5.1	-.87	.70	1.2	35.	2.7	2.	09.0	09.	.5	6.	0.0
15 10 81 11	6.2	-.69	.62	1.3	1.	2.1	2.	09.0	09.	.5	7.	0.0
15 10 81 12	7.3	-.38	.60	.8	33.	1.4	2.	09.0	09.	.6	3.	0.0
15 10 81 13	7.4	-.21	.58	1.0	13.	1.8	2.	09.0	09.	.6	3.	0.0
15 10 81 14	5.4	-.16	.81	1.9	19.	1.6	16.	2.8	13.	.7	21.	0.0
15 10 81 15	5.0	-.15	.91	1.1	8.	1.5	6.	1.8	6.	.8	12.	.6
15 10 81 16	5.0	-.08	.90	1.8	0.	2.6	1.	3.5	32.	.7	36.	0.0
15 10 81 17	4.5	-.07	.91	2.4	0.	2.6	1.	3.2	31.	.8	2.	0.0
15 10 81 18	4.1	-.03	.91	2.6	0.	2.8	2.	2.8	31.	.7	1.	0.0
15 10 81 19	3.7	.17	.92	2.4	34.	1.8	3.	2.5	29.	.8	36.	0.0
15 10 81 20	3.0	.24	.94	2.4	33.	1.8	2.	2.8	28.	.7	33.	0.0
15 10 81 21	2.5	.20	.93	3.0	32.	.8	8.	2.8	28.	.7	31.	0.0
15 10 81 22	2.0	.24	.95	3.2	33.	1.4	2.	2.8	31.	.8	36.	0.0
15 10 81 23	1.5	.33	.95	2.4	33.	1.1	2.	2.5	28.	.9	33.	0.0
15 10 81 24	1.0	.31	.94	2.5	33.	1.3	2.	2.8	29.	1.0	33.	0.0

	T-RS	DT-RS	HH-RS	F-RS	D-RS	F-MER	D-MER	F-RA	D-RA	F-SA	D-SA	P-TA
16 10 81 1	.9	.24	.94	2.7	34.	1.8	1.	2.1	29.	1.0	35.	0.0
16 10 81 2	.8	.16	.96	2.9	33.	1.8	1.	2.1	29.	1.0	33.	0.0
16 10 81 3	.4	.15	.96	3.2	33.	1.6	2.	2.5	28.	.9	31.	0.0
16 10 81 4	.5	.08	.95	2.9	33.	1.1	3.	2.5	28.	1.1	33.	0.0
16 10 81 5	.2	.15	.95	2.7	33.	1.5	2.	2.5	30.	1.0	31.	0.0
16 10 81 6	.3	.06	.95	2.6	34.	1.6	1.	2.8	31.	.6	35.	0.0
16 10 81 7	.2	.11	.96	2.0	34.	2.1	1.	2.5	30.	.5	31.	0.0
16 10 81 8	.6	-.04	.96	1.6	33.	1.7	1.	2.1	31.	.6	35.	0.0
16 10 81 9	1.8	-.09	.96	1.3	35.	2.2	1.	2.1	30.	.5	4.	0.0
16 10 81 10	3.9	-.05	.94	1.0	32.	2.3	2.	1.8	0.	.7	4.	0.0
16 10 81 11	6.0	-.18	.74	1.6	26.	1.3	2.	1.8	6.	.6	3.	0.0
16 10 81 12	7.0	-.26	.56	1.7	23.	1.2	16.	2.1	18.	0.0	37.	0.0
16 10 81 13	7.4	-.23	.57	2.6	22.	2.1	21.	2.5	16.	.6	24.	0.0
16 10 81 14	8.0	-.18	.62	3.1	23.	2.9	19.	3.2	22.	.9	27.	0.0
16 10 81 15	7.6	-.12	.63	3.2	25.	3.6	22.	4.9	22.	3.5	30.	0.0
16 10 81 16	7.3	-.08	.64	4.1	26.	4.6	23.	4.6	22.	4.2	30.	0.0
16 10 81 17	6.8	-.02	.66	3.8	27.	3.8	21.	3.2	22.	4.0	28.	0.0
16 10 81 18	5.6	.06	.72	4.0	25.	4.6	22.	4.9	22.	4.0	28.	0.0
16 10 81 19	5.1	.03	.76	3.3	25.	4.7	24.	6.0	23.	4.6	29.	0.0
16 10 81 20	4.6	.07	.79	2.1	26.	3.3	24.	3.9	24.	5.2	29.	0.0
16 10 81 21	4.4	.11	.80	2.7	29.	3.7	25.	2.1	25.	2.9	32.	0.0
16 10 81 22	3.8	.10	.81	2.7	29.	2.4	26.	2.8	30.	3.6	30.	0.0
16 10 81 23	2.9	.20	.84	1.6	31.	2.1	26.	2.1	30.	3.8	33.	0.0
16 10 81 24	2.3	.19	.87	1.2	32.	2.5	26.	2.5	28.	.9	32.	0.0
17 10 81 1	1.7	.30	.90	1.2	33.	2.4	26.	2.5	27.	.8	30.	0.0
17 10 81 2	2.1	.33	.81	1.8	28.	1.6	28.	3.2	31.	.9	30.	0.0
17 10 81 3	1.6	.59	.85	1.9	31.	2.3	1.	3.5	32.	.9	38.	0.0
17 10 81 4	.6	.83	.89	2.7	33.	2.3	1.	2.8	29.	1.0	36.	0.0
17 10 81 5	.2	1.17	.89	2.6	34.	2.1	1.	1.8	29.	.9	36.	0.0
17 10 81 6	.1	.72	.87	2.3	35.	1.7	1.	1.8	29.	.9	36.	0.0
17 10 81 7	1.0	.69	.81	3.1	33.	1.3	2.	3.2	29.	.8	34.	0.0
17 10 81 8	2.7	.15	.77	3.1	31.	.9	2.	3.5	28.	.6	3.	0.0
17 10 81 9	6.1	-.46	.59	1.8	32.	.7	6.	2.5	29.	.8	27.	0.0
17 10 81 10	7.9	-.40	.49	1.5	32.	1.6	6.	3.9	31.	.9	3.	0.0
17 10 81 11	9.0	-.78	.41	2.0	33.	2.1	28.	5.3	30.	1.1	5.	0.0
17 10 81 12	9.0	-.56	.35	4.7	33.	3.6	28.	5.3	31.	1.5	1.	0.0
17 10 81 13	10.5	-.69	.30	3.4	33.	3.1	29.	4.6	32.	2.6	3.	0.0
17 10 81 14	11.1	-.66	.26	3.3	33.	3.4	30.	4.6	33.	2.3	3.	0.0
17 10 81 15	10.7	-.60	.26	2.8	32.	3.1	28.	4.2	32.	2.2	3.	0.0
17 10 81 16	9.7	-.37	.28	2.8	33.	2.7	30.	2.8	29.	2.1	36.	0.0
17 10 81 17	6.8	.11	.35	1.8	32.	2.2	30.	2.8	28.	2.2	31.	0.0
17 10 81 18	4.9	.59	.44	2.1	33.	1.1	2.	2.5	28.	0.0	37.	0.0
17 10 81 19	3.3	1.02	.63	2.0	34.	1.5	2.	2.5	29.	.5	27.	0.0
17 10 81 20	2.1	1.20	.82	2.4	35.	2.5	1.	2.5	32.	.5	36.	0.0
17 10 81 21	1.7	.84	.74	3.2	35.	2.2	1.	2.5	0.	.8	36.	0.0
17 10 81 22	1.3	.86	.77	3.1	34.	1.7	2.	2.8	29.	.8	36.	0.0
17 10 81 23	.1	1.03	.91	2.4	34.	1.8	1.	3.2	29.	1.0	1.	0.0
17 10 81 24	-.1	1.12	.91	2.9	34.	1.9	1.	3.5	30.	1.0	2.	0.0
18 10 81 1	-.4	1.55	.92	2.7	35.	1.6	2.	4.2	29.	1.1	3.	0.0
18 10 81 2	-.5	1.41	.95	2.6	35.	1.4	1.	4.2	29.	1.0	2.	0.0
18 10 81 3	-.5	.77	.95	2.8	33.	1.9	2.	4.2	29.	1.1	2.	0.0
18 10 81 4	-.2	.54	.86	3.2	35.	2.6	1.	3.2	30.	1.2	2.	0.0
18 10 81 5	.4	.34	.82	4.0	35.	3.1	1.	3.9	30.	1.7	2.	0.0
18 10 81 6	.1	.33	.82	3.7	36.	2.3	1.	4.2	30.	1.5	2.	0.0
18 10 81 7	.0	.39	.84	2.5	35.	1.9	2.	4.2	30.	1.5	1.	0.0
18 10 81 8	.5	.14	.84	2.4	35.	2.2	2.	3.5	30.	1.5	36.	0.0
18 10 81 9	2.8	-.40	.74	2.9	36.	2.5	2.	3.5	30.	1.2	36.	0.0
18 10 81 10	2.5	-.24	.74	2.4	35.	2.2	2.	3.2	29.	1.3	36.	0.0
18 10 81 11	4.9	-.71	.69	2.2	35.	2.3	1.	3.5	31.	1.3	2.	0.0
18 10 81 12	5.5	-.75	.66	1.8	33.	1.3	1.	2.1	31.	1.1	3.	0.0
18 10 81 13	5.5	-.26	.68	.7	33.	.5	13.	1.4	99.	.8	6.	0.0
18 10 81 14	8.1	-.50	.56	1.7	14.	1.1	34.	1.8	99.	.6	4.	0.0
18 10 81 15	7.1	-.26	.58	2.0	16.	1.4	20.	1.8	31.	0.0	37.	0.0
18 10 81 16	6.5	-.17	.61	2.7	14.	1.6	13.	2.5	13.	.7	18.	0.0
18 10 81 17	4.7	.34	.69	2.3	13.	1.4	8.	2.1	14.	1.1	18.	0.0
18 10 81 18	3.8	.50	.76	2.8	13.	1.9	1.	1.8	32.	1.0	30.	0.0
18 10 81 19	3.1	.57	.80	1.6	14.	1.0	3.	2.1	30.	0.0	37.	0.0
18 10 81 20	3.0	.48	.91	.9	1014.	1.1	2.	1.8	29.	0.0	37.	0.0
18 10 81 21	2.6	.56	.91	.9	1029.	1.0	6.	1.8	27.	.5	30.	0.0
18 10 81 22	2.5	.51	.98	.3	1012.	2.1	2.	1.4	29.	.5	30.	0.0
18 10 81 23	2.3	.56	.93	.4	11.	1.3	2.	1.8	31.	.5	30.	0.0
18 10 81 24	2.2	.76	.93	.8	15.	1.1	2.	2.1	30.	0.0	37.	0.0

	T-SS	DT-SS	RH-SS	F-SS	D-SS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
19 10 81 1	2.5	.02	.01	1.3	24.	1.2	1.	1.8	29.	0.0	37.	0.0
19 10 81 2	3.4	.71	.36	1.6	21.	1.5	2.	1.4	29.	.5	30.	0.0
19 10 81 3	5.1	.27	.74	2.8	21.	1.3	2.	1.4	29.	.4	32.	0.0
19 10 81 4	6.0	.10	.49	3.1	20.	1.1	8.	1.1	31.	1.0	38.	0.0
19 10 81 5	6.6	.05	.75	3.1	18.	2.2	14.	2.5	0.	1.2	20.	0.0
19 10 81 6	6.7	.08	.94	5.0	20.	4.5	14.	5.6	17.	4.0	22.	0.0
19 10 81 7	6.6	.09	.33	6.0	20.	4.6	16.	6.0	16.	4.1	22.	.1
19 10 81 8	6.6	.07	.98	6.4	21.	4.8	16.	6.0	17.	4.6	23.	0.0
19 10 81 9	6.6	.06	.93	6.3	21.	4.3	17.	6.0	17.	4.2	22.	.3
19 10 81 10	6.9	.05	.91	6.7	20.	5.4	17.	7.0	17.	5.5	22.	1.1
19 10 81 11	7.0	.05	.93	7.5	20.	5.6	16.	8.4	17.	5.6	21.	.8
19 10 81 12	6.7	.05	.90	8.2	20.	6.4	17.	8.4	17.	5.8	22.	.4
19 10 81 13	6.2	.03	.92	8.4	21.	6.2	18.	9.1	17.	6.1	23.	.4
19 10 81 14	5.8	.02	.93	7.5	20.	7.2	16.	9.1	17.	5.5	23.	1.5
19 10 81 15	6.0	0.00	.93	7.5	19.	8.4	16.	9.5	15.	6.2	23.	.5
19 10 81 16	6.3	-.02	.97	7.7	18.	8.3	14.	9.8	16.	6.8	22.	.2
19 10 81 17	6.8	-.00	.98	7.1	19.	7.4	16.	9.8	16.	6.7	21.	.3
19 10 81 18	7.3	-.01	.97	7.3	19.	7.2	16.	8.8	17.	6.0	21.	2.7
19 10 81 19	8.2	.03	.97	6.8	21.	4.3	17.	6.0	17.	4.5	23.	3.3
19 10 81 20	8.7	.06	.97	3.6	24.	2.1	19.	4.6	22.	2.5	27.	3.0
19 10 81 21	8.1	.11	.91	3.7	26.	3.3	24.	3.5	24.	3.2	29.	1.0
19 10 81 22	7.1	.08	.81	3.2	27.	2.9	22.	2.8	23.	3.5	29.	0.0
19 10 81 23	6.2	.13	.77	4.0	26.	3.1	24.	2.5	25.	2.6	30.	0.0
19 10 81 24	5.3	.18	.77	3.9	25.	3.6	24.	2.5	25.	2.0	29.	0.0
20 10 81 1	4.3	.28	.30	1.9	22.	1.4	20.	1.4	25.	2.0	26.	0.0
20 10 81 2	3.7	.38	.84	1.7	15.	1.9	14.	1.8	38.	1.5	23.	0.0
20 10 81 3	3.5	.16	.87	.6	1019.	1.7	26.	1.8	32.	1.0	33.	0.0
20 10 81 4	3.9	.22	.86	1.7	25.	1.1	22.	1.8	23.	.8	27.	0.0
20 10 81 5	3.8	.08	.84	1.5	25.	2.6	21.	2.5	27.	1.0	30.	0.0
20 10 81 6	3.1	.18	.88	2.4	27.	3.1	24.	2.1	31.	1.2	27.	0.0
20 10 81 7	2.5	.43	.90	2.3	24.	1.7	24.	1.8	28.	1.2	24.	0.0
20 10 81 8	3.3	.03	.85	1.3	24.	.6	3.	1.8	29.	.9	24.	0.0
20 10 81 9	6.3	-.54	.72	.7	1028.	.8	2.	1.4	29.	0.0	37.	0.0
20 10 81 10	7.3	-.54	.79	1.0	1015.	1.3	1.	1.8	4.	0.0	37.	0.0
20 10 81 11	8.0	-.79	.46	1.5	32.	2.1	2.	2.1	5.	.6	6.	0.0
20 10 81 12	7.6	-.54	.63	1.0	15.	1.4	12.	1.8	10.	.8	38.	0.0
20 10 81 13	8.8	-.54	.59	1.1	16.	1.6	13.	2.5	10.	.7	16.	0.0
20 10 81 14	10.5	-.80	.50	1.3	22.	1.6	14.	1.8	38.	1.0	21.	0.0
20 10 81 15	10.0	-.63	.53	1.8	22.	1.5	14.	2.1	19.	1.0	27.	0.0
20 10 81 16	8.9	-.51	.58	.8	18.	1.6	14.	2.1	17.	1.1	21.	0.0
20 10 81 17	5.9	.27	.73	1.3	19.	1.6	14.	2.5	19.	1.0	24.	0.0
20 10 81 18	5.0	.61	.78	1.7	22.	1.5	13.	2.1	25.	1.0	22.	0.0
20 10 81 19	4.1	.51	.87	.5	1005.	2.7	2.	1.8	28.	.9	33.	0.0
20 10 81 20	3.3	.80	.92	1.5	34.	2.6	2.	1.8	30.	.9	36.	0.0
20 10 81 21	2.6	.38	.91	3.1	35.	2.5	1.	3.2	30.	.8	1.	0.0
20 10 81 22	1.9	.32	.96	2.6	34.	2.4	2.	3.5	29.	1.0	36.	0.0
20 10 81 23	1.6	.12	.97	2.7	34.	2.5	1.	2.8	30.	1.1	36.	0.0
20 10 81 24	1.4	.19	.96	2.9	34.	2.2	1.	2.8	30.	1.0	33.	0.0
21 10 81 1	1.3	.04	.94	2.3	35.	2.1	1.	2.8	31.	1.0	36.	0.0
21 10 81 2	.9	.16	.96	2.3	35.	2.2	2.	2.8	30.	.9	35.	0.0
21 10 81 3	.4	.19	.96	1.8	35.	2.3	1.	2.5	30.	1.0	35.	0.0
21 10 81 4	.7	.03	.95	2.0	35.	2.5	1.	2.5	29.	.8	36.	0.0
21 10 81 5	.4	-.02	.95	1.7	35.	1.7	1.	1.8	30.	.7	33.	0.0
21 10 81 6	-.0	.18	.95	1.5	35.	2.3	2.	2.1	30.	.5	34.	0.0
21 10 81 7	.1	.13	.95	1.6	35.	2.1	1.	2.1	30.	.4	33.	0.0
21 10 81 8	.5	-.00	.95	2.0	34.	2.3	1.	2.5	28.	.6	36.	0.0
21 10 81 9	.9	-.11	.95	1.3	34.	1.8	2.	2.1	31.	.7	36.	0.0
21 10 81 10	2.3	-.27	.96	1.3	34.	2.0	1.	1.8	32.	.8	5.	0.0
21 10 81 11	4.7	-.37	.88	.9	35.	1.4	2.	1.4	10.	.5	6.	0.0
21 10 81 12	6.3	-.38	.71	.7	1013.	.9	12.	1.4	11.	0.0	37.	0.0
21 10 81 13	7.5	-.62	.65	1.1	14.	1.4	20.	1.8	7.	.2	18.	0.0
21 10 81 14	7.9	-.58	.63	1.6	15.	1.6	14.	2.5	12.	.5	15.	0.0
21 10 81 15	7.5	-.47	.68	1.5	15.	1.9	16.	3.9	13.	.6	18.	0.0
21 10 81 16	6.6	-.35	.73	1.7	17.	1.9	16.	3.2	15.	1.1	20.	0.0
21 10 81 17	4.6	.18	.91	1.8	15.	2.2	13.	3.2	17.	1.0	21.	0.0
21 10 81 18	3.8	.47	.95	2.2	12.	1.1	8.	2.1	31.	.5	24.	0.0
21 10 81 19	2.8	.36	.96	1.1	5.	1.6	2.	1.8	29.	0.0	37.	0.0
21 10 81 20	2.3	.78	.96	.6	34.	2.4	2.	1.8	31.	.5	36.	0.0
21 10 81 21	1.7	.78	.96	.7	34.	1.9	2.	2.1	30.	.5	33.	0.0
21 10 81 22	1.4	.36	.96	1.0	34.	1.8	2.	1.8	30.	.4	31.	0.0
21 10 81 23	2.0	.13	.96	.8	6.	1.5	1.	1.8	29.	.6	30.	0.0
21 10 81 24	2.4	.04	.96	.8	35.	1.9	2.	1.8	29.	.7	33.	0.0

	T-SS	DT-SS	RII-SS	F-SS	D-SS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
22 10 81 1	2.6	.02	.94	1.0	4.	1.0	1.	1.0	20.	.4	33.	0.0
22 10 81 2	2.7	-.01	.96	1.5	6.	2.1	2.	1.8	30.	.5	38.	0.0
22 10 81 3	2.4	-.03	.95	1.7	6.	2.5	2.	00.0	00.	.8	9.	0.0
22 10 81 4	1.9	-.03	.95	2.4	6.	2.8	2.	00.0	00.	.9	8.	0.0
22 10 81 5	1.8	-.01	.94	2.3	6.	2.4	2.	3.0	6.	.9	6.	0.0
22 10 81 6	1.8	-.00	.93	2.2	4.	2.2	2.	00.0	00.	1.1	6.	0.0
22 10 81 7	1.5	0.00	.91	2.7	3.	3.4	2.	00.0	00.	1.5	5.	0.0
22 10 81 8	1.5	-.03	.84	3.1	2.	3.2	2.	00.0	00.	2.8	6.	0.0
22 10 81 9	2.1	-.11	.86	2.3	3.	3.4	2.	1.8	00.	2.5	7.	0.0
22 10 81 10	2.8	-.17	.83	2.2	3.	3.3	3.	1.8	33.	2.0	12.	0.0
22 10 81 11	3.1	-.20	.83	2.0	5.	3.4	2.	3.2	6.	1.8	21.	0.0
22 10 81 12	3.5	-.30	.78	2.2	5.	1.1	6.	2.1	2.	2.0	21.	0.0
22 10 81 13	4.3	-.32	.74	1.4	12.	1.4	2.	1.8	14.	2.0	18.	0.0
22 10 81 14	5.6	-.58	.69	1.2	16.	1.2	10.	2.5	13.	1.0	21.	0.0
22 10 81 15	5.1	-.42	.70	1.6	17.	2.1	16.	2.8	15.	1.0	24.	0.0
22 10 81 16	3.5	-.10	.79	2.1	14.	2.1	14.	3.5	14.	1.2	24.	0.0
22 10 81 17	1.7	.18	.88	2.4	11.	1.5	8.	2.8	15.	1.0	27.	0.0
22 10 81 18	.9	.20	.89	1.5	9.	1.1	2.	2.1	17.	0.0	37.	0.0
22 10 81 19	.2	.43	.92	1.0	11.	.4	2.	1.4	38.	.5	36.	0.0
22 10 81 20	.4	.20	.91	1.8	8.	1.1	2.	2.1	30.	.6	34.	0.0
22 10 81 21	-.1	.27	.94	1.2	33.	1.6	1.	2.5	30.	.5	36.	0.0
22 10 81 22	-.0	.19	.95	2.8	34.	2.8	1.	2.8	30.	.2	30.	0.0
22 10 81 23	-1.1	.58	.94	2.1	35.	1.0	2.	2.5	30.	.3	33.	0.0
22 10 81 24	-.7	.18	.94	2.6	34.	2.6	2.	2.5	29.	1.0	33.	0.0
23 10 81 1	-1.2	.08	.94	1.2	35.	1.6	2.	1.8	27.	0.0	37.	0.0
23 10 81 2	-1.1	.08	.94	.9	34.	1.4	2.	1.4	27.	.5	33.	0.0
23 10 81 3	-.6	.04	.95	2.0	34.	1.1	1.	2.1	30.	.2	33.	0.0
23 10 81 4	-.7	-.02	.95	2.0	34.	2.4	1.	1.8	30.	.6	34.	0.0
23 10 81 5	-1.7	.25	.94	2.1	35.	1.7	1.	1.4	0.	.6	33.	0.0
23 10 81 6	-1.0	.36	.94	2.1	34.	1.3	2.	2.5	29.	.5	36.	0.0
23 10 81 7	-2.1	.41	.94	1.9	34.	1.3	2.	2.5	29.	.4	3.	0.0
23 10 81 8	-1.2	.32	.94	1.8	33.	1.4	2.	2.5	30.	.5	1.	0.0
23 10 81 9	1.2	-.14	.93	1.5	33.	1.8	2.	2.5	30.	.5	3.	0.0
23 10 81 10	2.9	-.46	.84	1.4	35.	1.6	2.	2.5	30.	.2	9.	0.0
23 10 81 11	3.8	-.72	.73	1.9	33.	1.6	1.	3.2	31.	.5	36.	0.0
23 10 81 12	5.1	-.73	.64	2.0	34.	1.0	2.	3.2	32.	0.0	37.	0.0
23 10 81 13	7.5	-.73	.51	1.3	32.	.9	3.	1.8	33.	0.0	37.	0.0
23 10 81 14	8.3	-.74	.47	1.8	32.	.7	14.	1.8	33.	.4	22.	0.0
23 10 81 15	8.5	-.70	.43	1.0	32.	1.6	2.	1.4	29.	0.0	37.	0.0
23 10 81 16	7.5	-.48	.46	.7	34.	.9	2.	1.8	14.	0.0	37.	0.0
23 10 81 17	3.7	.26	.64	1.5	6.	.9	6.	1.4	0.	0.0	37.	0.0
23 10 81 18	2.7	.46	.73	1.0	10.	.8	2.	2.1	30.	0.0	37.	0.0
23 10 81 19	1.6	.60	.89	.5	1026.	1.2	2.	1.8	0.	0.0	37.	0.0
23 10 81 20	.6	1.16	.93	1.7	31.	1.4	2.	2.5	31.	0.0	37.	0.0
23 10 81 21	-.0	.94	.95	1.9	34.	1.6	2.	1.8	31.	0.0	37.	0.0
23 10 81 22	-.5	.91	.94	2.1	34.	1.6	1.	2.5	31.	.6	33.	0.0
23 10 81 23	-1.0	.66	.94	2.0	34.	1.9	1.	2.5	31.	.4	34.	0.0
23 10 81 24	-1.5	.62	.94	2.3	33.	1.7	1.	2.5	32.	1.0	36.	0.0
24 10 81 1	-1.8	.42	.95	1.9	34.	2.1	1.	2.5	32.	1.0	36.	0.0
24 10 81 2	-1.8	.28	.94	2.0	32.	2.1	1.	2.8	30.	1.0	35.	0.0
24 10 81 3	-1.5	.01	.95	2.2	33.	2.1	1.	2.8	28.	1.0	35.	0.0
24 10 81 4	-1.8	-.08	.95	1.9	35.	2.1	1.	2.1	28.	.9	34.	0.0
24 10 81 5	-1.7	-.03	.95	2.3	34.	2.1	1.	2.5	29.	.9	34.	0.0
24 10 81 6	-1.7	-.01	.95	2.1	35.	2.2	1.	2.1	29.	.9	36.	0.0
24 10 81 7	-2.0	-.03	.94	2.4	35.	2.1	1.	1.4	31.	1.0	2.	0.0
24 10 81 8	-1.8	-.02	.95	2.1	33.	2.1	1.	2.1	30.	1.1	5.	0.0
24 10 81 9	-1.4	-.07	.95	1.6	35.	1.9	2.	1.8	29.	1.0	6.	0.0
24 10 81 10	.7	-.48	.95	1.4	32.	1.1	2.	1.8	32.	.9	5.	0.0
24 10 81 11	2.0	-.80	.80	.9	33.	.6	2.	1.4	32.	.8	7.	0.0
24 10 81 12	2.8	-.56	.74	1.1	31.	1.1	12.	1.4	0.	.7	3.	0.0
24 10 81 13	3.1	-.35	.67	.9	33.	.9	6.	1.4	32.	00.0	00.	0.0
24 10 81 14	3.3	-.19	.66	.4	11.	.7	6.	1.4	38.	00.0	00.	0.0
24 10 81 15	3.5	-.10	.66	.7	9.	1.3	2.	1.4	6.	00.0	00.	0.0
24 10 81 16	3.0	.07	.76	.6	7.	2.1	2.	1.4	0.	00.0	00.	0.0
24 10 81 17	2.2	.18	.82	.5	6.	1.7	1.	00.0	4.	00.0	00.	0.0
24 10 81 18	2.2	.20	.78	.5	30.	2.4	2.	2.1	30.	00.0	00.	0.0
24 10 81 19	1.8	.32	.79	1.2	34.	2.2	1.	1.8	30.	00.0	00.	0.0
24 10 81 20	1.5	.40	.77	1.2	35.	1.2	1.	1.8	30.	0.0	37.	0.0
24 10 81 21	1.7	.16	.81	1.7	33.	1.8	1.	2.5	31.	.5	38.	0.0
24 10 81 22	1.6	.17	.84	1.2	34.	1.9	1.	1.8	27.	.6	36.	0.0
24 10 81 23	1.4	.29	.85	1.3	35.	1.3	1.	2.1	29.	.5	34.	0.0
24 10 81 24	1.5	.12	.90	1.5	34.	2.0	2.	1.8	30.	.5	36.	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
25 10 81 1	1.9	.04	.87	1.5	35.	1.7	1.	2.1	29.	.7	36.	0.0
25 10 81 2	1.2	.17	.85	1.5	35.	1.8	1.	2.1	30.	1.0	36.	0.0
25 10 81 3	1.8	.10	.88	1.6	34.	2.2	1.	2.1	30.	.8	36.	0.0
25 10 81 4	1.6	.18	.88	1.8	34.	2.1	1.	2.1	30.	.7	36.	0.0
25 10 81 5	1.9	.05	.88	1.3	35.	1.8	1.	2.1	30.	.7	1.	0.0
25 10 81 6	2.0	.10	.90	.7	36.	1.6	2.	1.8	29.	.8	2.	0.0
25 10 81 7	2.2	.22	.91	.6	6.	1.1	3.	1.4	28.	.6	1.	0.0
25 10 81 8	2.7	.13	.91	.9	10.	1.5	1.	1.4	28.	.5	1.	0.0
25 10 81 9	3.5	-.05	.92	1.8	12.	.8	4.	1.4	38.	0.0	37.	0.0
25 10 81 10	4.5	-.13	.91	1.0	9.	1.8	2.	1.8	31.	.5	3.	0.0
25 10 81 11	5.0	-.13	.90	1.1	8.	2.3	1.	1.4	0.	.4	36.	0.0
25 10 81 12	6.3	-.22	.83	1.1	12.	2.0	1.	2.1	31.	.5	36.	0.0
25 10 81 13	6.1	-.15	.84	1.8	9.	3.1	2.	2.5	32.	.6	3.	0.0
25 10 81 14	6.7	-.18	.79	1.9	10.	3.6	2.	2.1	0.	.5	2.	0.0
25 10 81 15	6.3	-.18	.80	2.5	9.	3.2	2.	00.0	7.	.6	12.	0.0
25 10 81 16	5.1	-.08	.87	3.0	8.	3.5	4.	3.2	8.	1.0	12.	0.0
25 10 81 17	4.1	-.03	.92	3.5	7.	3.3	2.	3.2	6.	1.0	12.	0.0
25 10 81 18	3.3	.02	.93	3.3	9.	3.5	2.	00.0	6.	1.0	10.	0.0
25 10 81 19	3.4	.03	.90	3.0	6.	4.5	2.	00.0	5.	1.1	5.	0.0
25 10 81 20	3.2	.06	.92	2.4	6.	5.4	2.	2.8	5.	1.1	4.	0.0
25 10 81 21	2.7	.11	.94	1.9	2.	3.6	2.	00.0	00.	1.2	6.	0.0
25 10 81 22	3.1	.02	.92	1.8	3.	4.9	2.	00.0	09.	1.6	3.	0.0
25 10 81 23	3.2	-.01	.92	1.9	3.	2.8	2.	00.0	6.	1.9	3.	0.0
25 10 81 24	3.3	-.02	.91	1.8	3.	2.6	2.	2.8	6.	1.8	4.	0.0
26 10 81 1	3.3	-.02	.90	2.6	4.	2.6	2.	2.8	0.	1.9	6.	0.0
26 10 81 2	3.2	-.02	.90	2.3	2.	3.5	2.	2.8	31.	1.6	3.	0.0
26 10 81 3	3.2	0.00	.91	1.9	1.	2.5	1.	2.8	31.	1.7	36.	0.0
26 10 81 4	3.1	.01	.92	1.5	1.	1.4	1.	2.5	30.	1.8	1.	0.0
26 10 81 5	2.9	.02	.93	1.9	1.	1.1	1.	2.5	30.	1.8	1.	0.0
26 10 81 6	2.9	.04	.93	1.7	35.	1.4	1.	2.8	30.	1.9	1.	0.0
26 10 81 7	2.9	.05	.95	1.9	36.	1.9	2.	2.5	30.	1.0	1.	0.0
26 10 81 8	3.0	.01	.96	.7	1.	1.3	2.	2.1	29.	1.1	36.	0.0
26 10 81 9	3.3	-.02	.93	1.3	1.	1.7	2.	2.5	30.	1.0	2.	0.0
26 10 81 10	3.7	-.13	.90	1.1	36.	1.9	2.	2.5	30.	.9	2.	.1
26 10 81 11	4.4	-.23	.88	1.0	34.	1.1	2.	2.1	31.	.9	36.	0.0
26 10 81 12	4.5	-.27	.90	1.4	32.	.8	2.	2.1	30.	.8	3.	0.0
26 10 81 13	4.7	-.18	.89	.9	1.	1.1	6.	1.8	32.	.6	6.	0.0
26 10 81 14	4.9	-.17	.88	.6	1031.	1.4	2.	1.4	38.	.5	4.	0.0
26 10 81 15	4.4	-.05	.90	.6	28.	1.1	18.	1.4	22.	0.0	37.	0.0
26 10 81 16	4.2	-.02	.91	.2	1.	1.5	28.	1.4	38.	0.0	37.	0.0
26 10 81 17	3.0	.25	.95	1.2	4.	1.9	3.	1.8	38.	0.0	37.	0.0
26 10 81 18	2.8	.26	.95	.9	7.	.8	6.	1.4	18.	0.0	37.	0.0
26 10 81 19	2.6	.33	.96	1.5	11.	1.3	4.	1.4	31.	0.0	37.	0.0
26 10 81 20	2.6	.50	.96	.8	1.	1.8	3.	1.8	30.	.5	33.	0.0
26 10 81 21	2.9	.43	.97	.7	35.	1.3	2.	1.4	29.	.3	30.	0.0
26 10 81 22	2.8	.46	.97	.5	6.	1.5	2.	1.4	30.	0.0	37.	0.0
26 10 81 23	2.9	.50	.96	1.0	12.	1.3	4.	1.4	31.	.4	30.	0.0
26 10 81 24	3.3	.35	.96	.5	12.	1.9	2.	1.4	29.	0.0	37.	0.0
27 10 81 1	3.4	.65	.96	1.7	12.	1.6	2.	1.4	0.	0.0	37.	0.0
27 10 81 2	3.8	.40	.92	2.0	14.	1.7	2.	1.4	32.	.5	31.	0.0
27 10 81 3	4.4	.48	.91	2.7	14.	2.3	2.	1.4	32.	.6	31.	2.6
27 10 81 4	5.4	.22	.93	2.7	16.	1.5	2.	2.1	38.	.6	33.	1.2
27 10 81 5	6.2	.10	.95	2.0	19.	1.6	2.	1.4	29.	.7	3.	0.0
27 10 81 6	6.6	.11	.95	2.4	21.	1.1	8.	1.8	32.	0.0	37.	2.0
27 10 81 7	5.5	.20	.92	2.4	21.	2.1	16.	2.1	20.	2.5	24.	0.0
27 10 81 8	5.5	.25	.93	2.1	19.	1.1	14.	1.8	14.	2.0	22.	0.0
27 10 81 9	6.8	-.06	.90	1.5	21.	.9	16.	1.8	25.	1.8	21.	0.0
27 10 81 10	8.5	-.64	.83	1.1	23.	1.6	14.	1.4	7.	0.0	37.	0.0
27 10 81 11	7.4	-.20	.87	1.4	17.	1.7	14.	2.5	12.	.5	18.	.6
27 10 81 12	5.5	.05	.86	2.0	25.	1.6	14.	2.5	16.	1.2	24.	0.0
27 10 81 13	6.8	-.03	.91	3.0	18.	2.2	15.	3.9	14.	1.8	21.	0.0
27 10 81 14	7.4	-.09	.92	3.3	19.	3.6	16.	4.2	15.	2.1	21.	0.0
27 10 81 15	7.2	-.06	.91	3.9	19.	3.9	16.	4.2	16.	3.5	22.	0.0
27 10 81 16	6.8	.00	.93	3.4	19.	3.0	16.	3.9	16.	3.0	22.	0.0
27 10 81 17	6.7	-.02	.93	3.8	18.	3.6	16.	4.9	15.	2.8	21.	0.0
27 10 81 18	6.4	-.02	.91	4.1	18.	4.2	16.	5.3	15.	3.6	21.	0.0
27 10 81 19	6.1	-.03	.88	3.6	18.	3.4	16.	4.9	14.	3.5	22.	0.0
27 10 81 20	6.2	0.00	.92	3.2	18.	2.4	16.	4.6	14.	2.8	21.	0.0
27 10 81 21	6.2	.02	.80	3.7	17.	2.5	15.	4.9	14.	2.7	21.	0.0
27 10 81 22	6.2	.01	.79	3.4	17.	2.3	14.	4.9	14.	2.9	22.	0.0
27 10 81 23	6.3	.03	.78	3.0	17.	2.1	14.	3.5	14.	2.5	21.	0.0
27 10 81 24	6.4	.02	.77	3.2	17.	2.6	16.	3.9	14.	2.4	21.	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
28 10 81 1	6.6	.03	.78	3.4	19.	2.3	16.	2.8	14.	2.4	21.	0.0
28 10 81 2	6.5	.02	.82	2.6	19.	2.0	16.	2.5	13.	2.2	21.	0.0
28 10 81 3	6.6	.03	.82	2.1	19.	1.9	14.	2.5	14.	2.1	21.	0.0
28 10 81 4	6.6	.05	.76	2.9	19.	2.1	14.	2.5	15.	2.3	21.	0.0
28 10 81 5	6.6	.02	.76	2.6	17.	2.2	14.	2.8	14.	2.0	20.	0.0
28 10 81 6	6.6	.04	.74	2.4	16.	2.3	13.	2.1	14.	2.0	20.	0.0
28 10 81 7	6.5	.05	.76	2.9	15.	1.9	12.	1.8	15.	1.9	20.	0.0
28 10 81 8	6.5	.07	.76	2.6	17.	1.6	14.	1.8	6.	1.9	22.	0.0
28 10 81 9	6.1	.01	.84	1.7	14.	1.5	12.	1.4	0.	1.0	24.	0.0
28 10 81 10	5.7	.01	.89	1.9	11.	1.5	8.	1.4	32.	0.0	37.	0.0
28 10 81 11	6.3	-.11	.88	1.5	7.	2.3	1.	2.1	38.	0.0	37.	0.0
28 10 81 12	6.3	-.10	.87	1.1	6.	2.1	1.	2.8	30.	.5	1.	.3
28 10 81 13	5.8	-.07	.90	1.5	34.	2.6	1.	2.8	32.	.8	2.	.2
28 10 81 14	5.5	.02	.95	1.4	35.	3.5	1.	3.5	31.	1.0	2.	0.0
28 10 81 15	5.3	-.01	.94	2.6	8.	3.4	2.	00.0	00.	1.5	6.	0.0
28 10 81 16	4.9	.02	.93	2.4	7.	3.3	1.	00.0	00.	1.0	6.	0.0
28 10 81 17	4.5	-.01	.95	1.3	2.	2.8	1.	2.5	0.	1.5	3.	0.0
28 10 81 18	4.4	0.00	.95	1.0	2.	2.3	1.	2.5	0.	1.5	4.	0.0
28 10 81 19	4.2	.03	.94	1.1	34.	1.6	1.	2.1	31.	1.6	4.	0.0
28 10 81 20	4.1	.11	.94	1.5	34.	1.4	2.	2.5	29.	1.5	38.	0.0
28 10 81 21	4.3	.01	.94	1.5	33.	1.2	6.	2.1	30.	1.1	34.	0.0
28 10 81 22	4.1	.13	.95	1.2	34.	1.5	2.	1.8	31.	1.0	33.	0.0
28 10 81 23	3.9	.17	.95	.7	33.	1.1	2.	2.1	31.	.5	33.	0.0
28 10 81 24	3.5	.07	.96	1.7	34.	1.5	2.	2.5	29.	.6	33.	0.0
29 10 81 1	3.1	.12	.97	1.3	33.	1.8	25.	2.1	23.	1.1	29.	0.0
29 10 81 2	2.9	.08	.96	1.1	1.	1.7	3.	2.1	29.	1.0	30.	0.0
29 10 81 3	2.6	-.04	.96	1.0	3.	1.1	3.	1.8	30.	1.0	30.	0.0
29 10 81 4	2.4	-.01	.96	1.3	33.	1.7	26.	2.5	31.	.6	30.	0.0
29 10 81 5	2.1	0.00	.96	1.0	4.	1.4	4.	2.1	29.	1.0	1.	0.0
29 10 81 6	2.0	.12	.96	.9	6.	2.1	2.	1.4	29.	.5	36.	0.0
29 10 81 7	2.6	.11	.96	1.7	11.	2.1	2.	2.1	7.	0.0	37.	0.0
29 10 81 8	3.3	.01	.96	3.1	11.	3.6	6.	4.2	9.	.6	14.	0.0
29 10 81 9	3.3	-.05	.92	4.8	11.	6.2	6.	6.0	9.	2.7	14.	0.0
29 10 81 10	3.3	-.06	.88	5.1	11.	6.9	6.	6.7	10.	4.2	14.	0.0
29 10 81 11	3.0	-.05	.92	6.5	10.	8.1	5.	6.7	.9.	4.5	14.	2.8
29 10 81 12	3.0	-.01	.94	5.3	9.	6.4	6.	6.3	10.	4.2	13.	1.4
29 10 81 13	3.9	.03	.95	5.0	9.	6.4	4.	5.6	9.	4.5	13.	0.0
29 10 81 14	4.9	.14	.95	2.9	8.	4.4	6.	3.5	7.	3.8	12.	0.0
29 10 81 15	7.0	.00	.94	1.7	14.	3.5	1.	00.0	00.	2.0	27.	0.0
29 10 81 16	6.5	.07	.92	1.0	19.	2.4	1.	1.8	0.	2.0	35.	0.0
29 10 81 17	5.5	.07	.88	3.4	25.	2.1	26.	3.2	24.	1.5	30.	0.0
29 10 81 18	5.0	.03	.91	2.4	30.	2.1	26.	2.1	32.	2.0	33.	0.0
29 10 81 19	4.1	.13	.94	1.6	30.	1.5	26.	1.8	27.	2.0	31.	0.0
29 10 81 20	3.2	.25	.92	1.8	25.	1.3	28.	1.8	27.	1.9	30.	0.0
29 10 81 21	3.0	.07	.88	1.6	26.	1.1	26.	2.1	32.	1.8	28.	0.0
29 10 81 22	2.9	.20	.84	1.8	27.	1.6	27.	1.8	30.	0.0	37.	0.0
29 10 81 23	1.9	.24	.91	1.2	32.	2.6	1.	2.5	31.	1.0	33.	0.0
29 10 81 24	1.2	.25	.96	.6	35.	2.2	1.	2.5	31.	1.1	35.	0.0
30 10 81 1	1.2	.03	.96	1.9	32.	1.9	1.	2.8	30.	.9	36.	0.0
30 10 81 2	.8	-.04	.96	2.0	31.	2.1	1.	2.5	30.	.9	35.	0.0
30 10 81 3	.5	-.03	.96	2.3	32.	2.1	1.	2.5	29.	1.1	34.	0.0
30 10 81 4	.8	-.02	.96	1.6	32.	1.8	2.	2.1	30.	1.5	33.	0.0
30 10 81 5	.8	-.04	.96	2.2	32.	1.9	1.	2.5	29.	1.5	36.	0.0
30 10 81 6	.7	-.04	.96	2.3	31.	1.8	32.	3.2	28.	1.5	3.	0.0
30 10 81 7	.4	-.03	.96	2.7	32.	2.3	32.	3.2	29.	1.6	34.	0.0
30 10 81 8	.4	-.06	.96	2.7	32.	2.4	30.	3.5	30.	1.5	36.	0.0
30 10 81 9	.5	-.06	.96	2.5	32.	1.8	32.	2.8	29.	1.8	35.	0.0
30 10 81 10	.8	-.12	.96	1.8	33.	2.3	32.	2.8	29.	1.9	33.	0.0
30 10 81 11	1.0	-.16	.96	2.4	33.	2.3	32.	3.2	30.	1.9	1.	0.0
30 10 81 12	1.4	-.17	.95	2.2	33.	2.3	32.	3.2	31.	1.7	36.	0.0
30 10 81 13	1.6	-.22	.95	1.3	33.	2.3	1.	2.8	31.	1.8	1.	0.0
30 10 81 14	1.6	-.22	.93	1.7	33.	2.3	1.	2.8	32.	.7	1.	0.0
30 10 81 15	1.4	-.13	.92	1.7	33.	1.6	32.	2.5	32.	.6	36.	0.0
30 10 81 16	1.1	-.11	.92	1.1	34.	1.9	32.	2.5	29.	.6	1.	0.0
30 10 81 17	.7	-.10	.94	1.8	0.	2.6	32.	3.5	0.	.9	36.	0.0
30 10 81 18	.5	-.09	.94	1.5	1.	2.1	32.	2.8	31.	.8	2.	0.0
30 10 81 19	.6	-.07	.94	1.5	35.	1.9	32.	2.5	31.	.8	36.	0.0
30 10 81 20	.6	-.07	.94	1.3	1.	2.1	32.	2.8	0.	.7	36.	0.0
30 10 81 21	.5	-.06	.94	1.3	3.	2.9	2.	3.2	0.	.8	2.	0.0
30 10 81 22	.2	-.06	.94	2.0	4.	2.9	3.	2.5	0.	1.0	3.	0.0
30 10 81 23	-.2	-.06	.95	1.5	5.	2.6	1.	00.0	0.	1.2	3.	0.0
30 10 81 24	-.4	-.06	.95	2.2	4.	2.4	2.	2.5	0.	1.8	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
31 10 81 1	-.6	-.07	.25	1.5	4.	2.6	2.	2.8	22.	2.1	6.	0.0
31 10 81 2	-.7	-.07	.25	2.1	3.	2.6	2.	2.8	0.	2.2	4.	0.0
31 10 81 3	-.7	-.07	.24	1.4	0.	1.5	1.	2.8	32.	2.2	3.	0.0
31 10 81 4	-.6	-.07	.24	2.6	36.	3.4	1.	3.2	30.	2.1	1.	0.0
31 10 81 5	-.7	-.07	.23	2.8	0.	3.8	1.	3.5	31.	2.0	4.	0.0
31 10 81 6	-.6	-.07	.21	2.7	2.	4.8	1.	3.5	31.	2.3	5.	0.0
31 10 81 7	-.6	-.05	.21	2.3	2.	3.9	1.	3.5	30.	2.5	6.	0.0
31 10 81 8	-1.0	-.02	.20	3.2	0.	3.4	1.	3.5	30.	2.5	6.	0.0
31 10 81 9	-.6	-.08	.27	2.5	35.	3.4	1.	3.5	32.	2.2	7.	0.0
31 10 81 10	.1	-.13	.25	2.2	36.	2.9	1.	3.5	33.	2.5	6.	0.0
31 10 81 11	1.1	-.16	.24	2.6	2.	3.8	1.	3.5	0.	2.1	3.	0.0
31 10 81 12	.8	-.17	.24	2.4	5.	3.3	3.	3.5	5.	2.7	6.	0.0
31 10 81 13	.9	-.17	.23	2.2	3.	3.1	3.	00.0	5.	3.0	6.	0.0
31 10 81 14	1.4	-.21	.21	2.0	2.	2.8	3.	2.8	0.	2.3	3.	0.0
31 10 81 15	2.2	-.37	.26	.9	4.	2.1	4.	2.5	33.	2.1	6.	0.0
31 10 81 16	-.1	-.15	.27	1.4	2.	2.1	2.	2.8	30.	1.8	3.	0.0
31 10 81 17	-.4	.35	.21	2.1	34.	1.4	2.	2.8	30.	1.0	32.	0.0
31 10 81 18	-.6	.43	.22	1.5	33.	1.3	2.	2.5	30.	0.0	37.	0.0
31 10 81 19	-.6	.26	.24	1.9	32.	1.0	2.	2.5	30.	0.0	37.	0.0
31 10 81 20	-.7	.20	.24	1.6	32.	1.2	1.	2.5	30.	0.0	37.	0.0
31 10 81 21	-.4	.05	.25	1.2	32.	1.7	1.	2.1	31.	0.0	37.	0.0
31 10 81 22	-.7	.09	.24	1.2	33.	1.9	1.	2.1	31.	0.0	37.	0.0
31 10 81 23	-1.3	.31	.24	1.0	2.	2.2	1.	1.8	31.	0.0	37.	0.0
31 10 81 24	-1.3	.25	.24	2.3	34.	2.4	1.	2.5	31.	.5	4.	0.0
1 11 81 1	-.9	.12	.24	1.9	35.	2.8	1.	2.5	31.	.5	3.	0.0
1 11 81 2	-.8	.08	.24	2.0	34.	2.2	2.	2.1	30.	.5	1.	0.0
1 11 81 3	-.3	.03	.24	1.6	35.	2.1	1.	2.1	31.	.6	3.	0.0
1 11 81 4	-.2	.07	.25	1.8	33.	2.0	2.	2.5	30.	.5	36.	0.0
1 11 81 5	.0	.07	.25	1.9	32.	.9	2.	2.5	29.	.5	36.	0.0
1 11 81 6	-.1	.05	.25	1.5	30.	1.7	26.	1.8	29.	0.0	37.	0.0
1 11 81 7	-.2	.13	.25	.8	32.	1.3	2.	1.8	31.	0.0	37.	0.0
1 11 81 8	.1	.13	.25	1.3	34.	1.7	2.	2.1	30.	0.0	37.	0.0
1 11 81 9	.4	.09	.25	1.2	36.	1.6	30.	2.5	31.	0.0	37.	0.0
1 11 81 10	.6	-.06	.25	1.9	32.	1.8	29.	2.8	30.	.9	33.	0.0
1 11 81 11	1.0	-.19	.24	1.9	32.	1.9	30.	2.8	30.	1.0	33.	0.0
1 11 81 12	1.3	-.26	.22	1.9	31.	1.9	24.	2.8	32.	.9	34.	0.0
1 11 81 13	1.5	-.32	.21	2.0	32.	1.2	24.	2.8	33.	.8	3.	0.0
1 11 81 14	1.7	-.22	.22	1.9	32.	2.4	25.	2.5	33.	.5	36.	0.0
1 11 81 15	1.7	-.07	.24	1.5	32.	1.6	24.	2.5	31.	.5	3.	0.0
1 11 81 16	1.2	-.10	.24	.9	34.	1.1	24.	2.5	31.	0.0	37.	0.0
1 11 81 17	.5	-.06	.25	1.1	31.	.9	18.	1.8	31.	0.0	37.	0.0
1 11 81 18	.2	-.02	.25	1.3	33.	1.8	1.	1.8	30.	0.0	37.	0.0
1 11 81 19	-.1	.08	.25	1.2	32.	2.1	1.	1.8	30.	.6	3.	0.0
1 11 81 20	-.0	.27	.25	1.4	33.	1.8	1.	1.8	30.	.5	36.	0.0
1 11 81 21	-.1	.60	.26	1.4	34.	2.5	1.	1.8	31.	.4	1.	0.0
1 11 81 22	-.0	1.04	.25	1.2	35.	1.8	1.	1.8	32.	.5	1.	0.0
1 11 81 23	.2	.86	.25	.8	1034.	2.4	2.	1.8	29.	0.0	37.	0.0
1 11 81 24	.6	.80	.25	1.0	1035.	1.9	2.	1.4	0.	0.0	37.	0.0
2 11 81 1	1.0	.58	.26	1.1	11.	2.4	1.	1.8	5.	0.0	37.	0.0
2 11 81 2	1.5	.49	.26	1.7	10.	2.8	2.	1.8	6.	0.0	37.	0.0
2 11 81 3	2.3	.36	.26	2.0	12.	2.9	2.	2.1	5.	0.0	37.	0.0
2 11 81 4	3.3	.19	.24	3.3	12.	4.4	2.	3.5	6.	.5	1.	0.0
2 11 81 5	3.4	-.01	.25	4.2	10.	5.6	3.	3.5	6.	1.0	38.	0.0
2 11 81 6	3.2	.13	.25	3.2	8.	4.4	1.	3.5	6.	2.1	38.	0.0
2 11 81 7	2.6	.03	.25	2.4	1.	4.6	32.	4.6	32.	2.2	3.	0.0
2 11 81 8	2.2	.03	.25	4.9	34.	5.4	30.	5.6	31.	2.5	36.	0.0
2 11 81 9	2.2	-.07	.21	5.1	33.	4.6	30.	7.0	32.	4.0	2.	0.0
2 11 81 10	3.1	-.20	.20	6.1	33.	99.0	99.	12.6	33.	4.2	36.	0.0
2 11 81 11	3.8	-.26	.24	5.5	34.	3.6	32.	11.6	33.	6.5	2.	0.0
2 11 81 12	5.1	-.34	.26	6.6	35.	6.2	32.	12.6	32.	5.0	2.	0.0
2 11 81 13	5.6	-.30	.22	7.8	35.	5.2	32.	13.0	33.	7.5	1.	0.0
2 11 81 14	6.6	-.34	.24	5.5	34.	7.6	32.	10.5	32.	4.2	3.	0.0
2 11 81 15	6.8	-.25	.26	4.3	35.	5.4	31.	6.0	32.	4.5	36.	0.0
2 11 81 16	5.5	-.14	.20	1.9	31.	4.1	32.	2.5	30.	2.5	33.	0.0
2 11 81 17	3.2	.34	.23	1.4	33.	2.2	3.	2.5	31.	2.0	31.	0.0
2 11 81 18	3.0	.62	.21	1.3	0.	.9	12.	2.5	31.	0.0	37.	0.0
2 11 81 19	3.9	.35	.26	2.7	31.	1.1	24.	3.9	29.	1.0	32.	0.0
2 11 81 20	3.1	.51	.22	2.9	33.	.9	32.	3.5	31.	1.2	33.	0.0
2 11 81 21	3.1	.44	.29	1.8	32.	2.4	6.	1.8	38.	1.0	27.	0.0
2 11 81 22	3.4	.45	.28	1.6	25.	1.5	12.	1.8	0.	1.2	24.	0.0
2 11 81 23	2.3	.93	.24	2.1	24.	.9	6.	2.5	31.	99.0	27.	0.0
2 11 81 24	1.9	1.16	.29	1.2	29.	.9	2.	1.8	29.	99.0	28.	0.0

	T-RS	DT-PS	RH-RS	F-RS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
3 11 81 1	.6	.72	.93	1.4	1036.	2.8	2.	2.1	32.	99.0	33.	0.0
3 11 81 2	.1	1.12	.89	3.0	34.	2.4	1.	2.5	30.	99.0	34.	0.0
3 11 81 3	-.4	.66	.88	3.1	36.	2.5	1.	2.5	31.	99.0	35.	0.0
3 11 81 4	-.0	.71	.84	3.9	36.	2.6	2.	3.2	31.	99.0	31.	0.0
3 11 81 5	-.5	.65	.89	3.0	1.	2.1	2.	3.2	30.	99.0	35.	0.0
3 11 81 6	-.3	.63	.83	1.9	4.	1.8	2.	2.5	30.	99.0	36.	0.0
3 11 81 7	-.9	.31	.61	2.3	7.	1.1	2.	2.1	31.	99.0	34.	0.0
3 11 81 8	1.1	.14	.61	2.0	6.	1.4	1.	1.8	30.	99.0	37.	0.0
3 11 81 9	1.5	-.03	.63	1.4	5.	2.1	1.	2.1	9.	99.0	37.	0.0
3 11 81 10	1.8	-.12	.62	1.1	9.	2.1	2.	2.5	6.	99.0	3.	0.0
3 11 81 11	1.9	-.13	.63	2.2	11.	1.8	4.	3.5	9.	99.0	15.	0.0
3 11 81 12	1.9	-.12	.68	2.3	8.	2.8	2.	3.5	8.	99.0	9.	0.0
3 11 81 13	1.9	-.11	.69	2.2	10.	2.6	6.	3.5	9.	99.0	12.	0.0
3 11 81 14	1.7	-.13	.69	2.2	9.	2.7	6.	3.9	9.	99.0	10.	0.0
3 11 81 15	1.5	-.10	.72	2.4	9.	2.8	6.	3.9	9.	99.0	10.	0.0
3 11 81 16	1.3	-.04	.75	2.2	9.	2.7	4.	3.5	9.	99.0	11.	0.0
3 11 81 17	1.2	.03	.82	2.7	10.	2.7	4.	2.9	9.	99.0	12.	.3
3 11 81 18	1.0	.02	.94	2.4	9.	3.4	3.	2.8	5.	99.0	11.	.7
3 11 81 19	1.4	.02	.95	2.7	10.	4.1	2.	3.5	6.	99.0	36.	2.5
3 11 81 20	2.4	.23	.94	2.6	12.	3.3	1.	99.0	5.	99.0	33.	1.0
3 11 81 21	3.2	.73	.96	1.5	21.	1.6	2.	2.5	31.	99.0	33.	.8
3 11 81 22	5.4	.50	.96	2.7	19.	2.6	2.	3.2	30.	99.0	1.	.2
3 11 81 23	5.7	.45	.96	2.9	20.	2.1	2.	3.5	30.	99.0	2.	.5
3 11 81 24	5.8	.40	.96	2.9	24.	1.7	2.	2.8	31.	99.0	2.	0.0
4 11 81 1	8.6	.08	.96	7.3	24.	2.5	18.	6.0	17.	3.0	38.	.2
4 11 81 2	9.1	.03	.94	7.0	23.	4.4	19.	6.0	17.	4.2	23.	.2
4 11 81 3	9.1	.03	.95	5.8	23.	3.2	17.	4.9	17.	3.5	23.	.1
4 11 81 4	9.1	.03	.95	6.2	23.	3.1	17.	4.9	17.	4.0	22.	.3
4 11 81 5	9.2	.05	.94	4.6	23.	2.9	16.	3.5	17.	3.6	21.	0.0
4 11 81 6	9.1	.05	.92	3.4	23.	2.9	16.	3.9	21.	3.4	21.	0.0
4 11 81 7	8.4	.13	.87	3.8	26.	3.1	24.	4.6	23.	3.0	27.	0.0
4 11 81 8	7.4	.13	.76	4.7	25.	3.7	22.	3.9	22.	3.1	23.	0.0
4 11 81 9	7.5	-.01	.74	5.8	25.	4.8	21.	5.6	10.	3.5	27.	0.0
4 11 81 10	8.0	-.17	.74	6.1	24.	6.6	20.	5.6	21.	3.8	26.	0.0
4 11 81 11	8.5	-.27	.72	5.6	24.	4.4	20.	5.3	20.	3.6	27.	0.0
4 11 81 12	9.2	-.44	.67	4.2	23.	3.4	19.	3.9	20.	3.2	24.	0.0
4 11 81 13	9.7	-.12	.56	5.6	26.	5.9	21.	5.6	23.	3.1	29.	0.0
4 11 81 14	9.6	-.06	.54	5.3	26.	8.4	24.	6.3	24.	4.5	29.	0.0
4 11 81 15	9.5	-.08	.52	6.3	27.	6.1	23.	6.0	24.	6.0	29.	0.0
4 11 81 16	8.3	.02	.56	4.4	26.	3.6	22.	4.2	24.	3.5	28.	0.0
4 11 81 17	7.5	.17	.56	3.9	27.	2.4	24.	4.6	24.	3.5	29.	0.0
4 11 81 18	6.9	.17	.52	3.1	26.	3.6	25.	3.5	24.	2.6	27.	0.0
4 11 81 19	6.3	.17	.53	3.8	26.	2.4	24.	5.6	24.	2.2	29.	0.0
4 11 81 20	6.2	.14	.54	5.3	25.	4.1	22.	3.2	22.	4.2	29.	0.0
4 11 81 21	6.2	.15	.50	5.4	27.	4.6	22.	5.3	27.	3.6	29.	0.0
4 11 81 22	6.3	.08	.42	7.5	29.	5.6	26.	6.3	28.	4.5	33.	0.0
4 11 81 23	5.5	.10	.46	4.9	31.	3.4	27.	4.2	29.	4.4	32.	0.0
4 11 81 24	5.0	.10	.46	5.7	30.	4.4	26.	4.6	29.	3.6	33.	0.0
5 11 81 1	4.8	.03	.44	6.1	30.	3.1	26.	2.5	26.	4.0	33.	0.0
5 11 81 2	4.7	.06	.45	5.4	30.	3.3	25.	3.2	27.	4.2	32.	0.0
5 11 81 3	4.3	.06	.43	5.2	30.	3.2	26.	2.5	27.	3.6	32.	0.0
5 11 81 4	4.2	.05	.51	4.6	28.	3.6	26.	2.8	27.	3.8	31.	0.0
5 11 81 5	4.7	.06	.50	5.4	28.	3.7	26.	3.2	26.	4.0	30.	0.0
5 11 81 6	4.9	.06	.50	5.3	28.	3.3	26.	3.5	25.	4.2	31.	0.0
5 11 81 7	5.3	.10	.49	4.3	28.	2.6	24.	3.5	26.	4.2	30.	0.0
5 11 81 8	6.0	.11	.49	4.1	31.	4.2	26.	6.7	29.	4.5	33.	0.0
5 11 81 9	7.1	.15	.48	5.8	31.	2.6	26.	6.3	30.	3.8	36.	0.0
5 11 81 10	8.5	.02	.44	5.1	32.	4.8	29.	7.4	31.	3.8	35.	0.0
5 11 81 11	8.6	.03	.43	5.6	32.	4.5	29.	7.4	31.	4.0	35.	0.0
5 11 81 12	9.1	-.06	.43	5.9	33.	5.2	32.	6.0	31.	3.8	36.	0.0
5 11 81 13	10.1	-.14	.41	5.6	33.	3.6	32.	6.3	32.	4.6	2.	0.0
5 11 81 14	10.0	.01	.40	6.6	35.	4.6	31.	9.5	33.	5.6	2.	0.0
5 11 81 15	2.9	.09	.39	6.7	35.	6.4	31.	10.5	33.	6.2	36.	0.0
5 11 81 16	3.8	.11	.28	8.7	2.	11.2	1.	7.4	10.	7.5	4.	0.0
5 11 81 17	7.8	.19	.25	5.9	1.	8.0	32.	7.0	33.	4.0	4.	0.0
5 11 81 18	6.8	.18	.33	5.0	36.	9.8	32.	10.5	33.	5.5	3.	0.0
5 11 81 19	6.2	.16	.34	5.7	35.	8.9	31.	9.8	33.	6.0	2.	0.0
5 11 81 20	5.8	.16	.37	5.7	34.	5.6	32.	8.8	33.	5.5	2.	0.0
5 11 81 21	5.4	.16	.37	5.4	34.	6.2	32.	6.0	33.	4.6	3.	0.0
5 11 81 22	5.1	.16	.37	5.4	35.	4.3	32.	5.3	33.	4.3	2.	0.0
5 11 81 23	4.3	.24	.40	4.1	35.	3.0	31.	3.5	31.	2.5	36.	0.0
5 11 81 24	3.5	.20	.46	2.7	32.	2.3	32.	3.9	29.	2.2	33.	0.0



	T-RS	DT-RS	RH-RS	F-RS	D-RS	F-4FR	D-4FR	F-RA	D-RA	F-SA	D-SA	P-TA
6 11 81 1	2.5	.46	.59	3.5	33.	1.8	34.	2.8	29.	2.0	34.	0.0
6 11 81 2	2.5	.37	.57	3.1	32.	1.5	32.	3.5	29.	2.0	33.	0.0
6 11 81 3	2.5	.38	.61	3.4	33.	1.5	32.	3.5	29.	1.5	1.	0.0
6 11 81 4	2.2	.60	.58	2.5	32.	1.1	6.	2.1	30.	.6	3.	0.0
6 11 81 5	2.1	.46	.61	2.6	33.	1.1	2.	3.5	30.	.5	33.	0.0
6 11 81 6	.9	.56	.72	1.9	33.	2.1	2.	3.9	30.	.2	38.	0.0
6 11 81 7	1.2	.38	.70	2.4	35.	2.3	1.	4.6	29.	.6	36.	0.0
6 11 81 8	1.4	.33	.65	2.3	34.	1.6	2.	4.9	30.	.5	2.	0.0
6 11 81 9	2.3	.17	.70	2.5	37.	2.3	2.	4.6	31.	.5	1.	0.0
6 11 81 10	4.7	-.25	.56	3.9	34.	6.3	31.	7.7	32.	.3	3.	0.0
6 11 81 11	5.4	-.31	.47	5.0	34.	4.9	30.	8.4	32.	4.5	2.	0.0
6 11 81 12	5.8	-.36	.41	5.3	33.	4.8	30.	8.8	32.	4.2	2.	0.0
6 11 81 13	6.9	-.35	.34	5.2	34.	4.5	32.	9.1	33.	5.5	2.	0.0
6 11 81 14	7.0	-.22	.29	5.3	35.	6.2	36.	8.4	33.	4.5	3.	0.0
6 11 81 15	6.3	-.09	.29	6.3	35.	6.1	34.	7.7	33.	4.2	3.	0.0
6 11 81 16	4.9	.06	.33	4.5	0.	4.1	36.	6.7	33.	3.5	3.	0.0
6 11 81 17	3.8	.22	.37	4.7	35.	2.9	32.	6.3	33.	3.0	3.	0.0
6 11 81 18	3.5	.20	.40	4.8	35.	5.9	31.	8.8	33.	4.5	3.	0.0
6 11 81 19	5.1	.19	.41	4.7	35.	5.2	32.	8.8	33.	5.8	2.	0.0
6 11 81 20	2.6	.70	.44	3.3	33.	5.4	31.	8.4	32.	4.0	2.	0.0
6 11 81 21	1.8	.30	.47	2.8	35.	2.8	32.	7.0	32.	2.5	1.	0.0
6 11 81 22	1.8	.28	.46	3.8	0.	4.4	32.	8.4	33.	2.0	3.	0.0
6 11 81 23	2.1	.24	.46	3.9	36.	4.9	32.	7.7	33.	4.5	3.	0.0
6 11 81 24	1.7	.21	.47	3.2	0.	3.4	32.	6.0	33.	5.0	3.	0.0
7 11 81 1	1.1	.13	.49	2.9	0.	3.6	1.	6.3	33.	3.0	2.	0.0
7 11 81 2	1.5	.23	.49	3.1	1.	2.9	2.	3.5	30.	2.5	2.	0.0
7 11 81 3	1.0	.35	.51	2.8	35.	3.4	1.	4.6	29.	1.0	35.	0.0
7 11 81 4	1.2	.24	.52	3.8	36.	3.6	2.	3.9	31.	1.5	36.	0.0
7 11 81 5	1.0	.22	.55	3.1	34.	1.9	26.	4.2	32.	2.0	3.	0.0
7 11 81 6	.6	.27	.56	4.1	36.	3.4	32.	4.6	33.	2.5	3.	0.0
7 11 81 7	.5	.24	.56	3.9	35.	3.6	32.	5.3	32.	2.6	4.	0.0
7 11 81 8	1.0	.13	.54	5.2	1.	4.9	32.	7.0	9.	4.5	6.	0.0
7 11 81 9	2.4	-.11	.52	3.9	1.	6.4	36.	6.3	0.	4.0	6.	0.0
7 11 81 10	3.2	-.18	.49	4.3	2.	6.9	1.	5.3	0.	5.0	6.	0.0
7 11 81 11	3.3	-.21	.47	6.3	3.	7.7	2.	99.0	99.	5.5	7.	0.0
7 11 81 12	3.5	-.23	.45	5.7	3.	5.6	2.	99.0	99.	6.0	6.	0.0
7 11 81 13	4.3	-.27	.42	5.2	2.	7.2	1.	99.0	99.	6.0	6.	0.0
7 11 81 14	4.0	-.22	.41	5.2	2.	6.4	1.	99.0	99.	5.5	6.	0.0
7 11 81 15	3.3	-.10	.43	4.7	2.	5.9	1.	99.0	8.	5.6	6.	0.0
7 11 81 16	2.0	.07	.46	3.3	1.	3.7	1.	4.6	8.	5.5	5.	0.0
7 11 81 17	.9	.26	.50	2.7	0.	1.6	1.	3.5	33.	3.0	5.	0.0
7 11 81 18	.7	.34	.51	2.5	35.	1.6	2.	3.2	31.	1.0	3.	0.0
7 11 81 19	-.0	.51	.55	3.0	36.	2.1	1.	2.8	32.	2.0	3.	0.0
7 11 81 20	-.2	.33	.57	3.7	36.	2.6	1.	3.9	31.	1.5	3.	0.0
7 11 81 21	-.5	.31	.59	3.8	0.	2.5	1.	4.2	32.	1.0	3.	0.0
7 11 81 22	-.4	.21	.58	4.1	36.	3.3	2.	3.2	29.	.8	3.	0.0
7 11 81 23	-1.0	.19	.60	3.2	36.	2.2	2.	3.5	27.	.5	3.	0.0
7 11 81 24	-1.6	.29	.68	2.1	33.	1.1	2.	3.5	30.	.9	36.	0.0
8 11 81 1	-1.7	.40	.71	3.1	35.	2.1	1.	4.9	29.	1.0	36.	0.0
8 11 81 2	-1.9	.25	.72	2.4	34.	1.7	2.	3.5	32.	1.2	36.	0.0
8 11 81 3	-2.1	.32	.72	2.7	34.	2.3	1.	3.2	32.	2.0	1.	0.0
8 11 81 4	-2.3	.30	.74	2.6	35.	1.6	1.	3.2	32.	1.8	36.	0.0
8 11 81 5	-2.6	.27	.75	2.8	35.	2.1	1.	3.5	31.	2.0	36.	0.0
8 11 81 6	-2.6	.36	.74	3.2	36.	2.5	2.	4.9	31.	2.0	36.	0.0
8 11 81 7	-2.7	.28	.75	3.5	35.	2.1	2.	3.9	32.	2.1	36.	0.0
8 11 81 8	-3.0	.19	.79	2.9	36.	2.3	2.	4.2	31.	2.5	1.	0.0
8 11 81 9	-.8	-.12	.72	2.5	0.	3.1	2.	4.6	31.	1.8	36.	0.0
8 11 81 10	.6	-.31	.69	2.3	36.	2.6	2.	3.9	31.	1.2	36.	0.0
8 11 81 11	.7	-.41	.67	2.1	36.	2.9	2.	4.6	32.	1.1	36.	0.0
8 11 81 12	1.2	-.52	.61	2.1	34.	2.8	2.	3.9	32.	1.2	1.	0.0
8 11 81 13	2.1	-.57	.60	2.8	31.	1.7	36.	3.9	31.	99.0	3.	0.0
8 11 81 14	2.3	-.45	.57	2.6	31.	2.2	32.	3.2	30.	99.0	35.	0.0
8 11 81 15	2.0	-.28	.56	2.1	34.	2.6	2.	2.8	32.	99.0	34.	0.0
8 11 81 16	.6	-.24	.61	3.1	35.	1.9	1.	3.5	32.	99.0	35.	0.0
8 11 81 17	-1.1	.27	.46	2.2	33.	1.6	2.	3.2	31.	99.0	33.	0.0
8 11 81 18	-1.4	.28	.74	2.6	33.	2.3	1.	3.5	30.	99.0	34.	0.0
8 11 81 19	-1.8	.25	.76	2.7	33.	1.7	2.	3.2	31.	99.0	36.	0.0
8 11 81 20	-2.2	.29	.78	2.8	34.	1.8	1.	3.2	31.	99.0	36.	0.0
8 11 81 21	-2.4	.35	.80	2.7	34.	1.4	2.	3.2	31.	99.0	35.	0.0
8 11 81 22	-2.4	.34	.81	2.8	34.	1.8	2.	3.5	31.	99.0	36.	0.0
8 11 81 23	-2.7	.27	.82	2.8	33.	2.0	1.	3.5	31.	99.0	1.	0.0
8 11 81 24	-2.9	.34	.82	2.8	33.	1.6	1.	3.5	31.	99.0	36.	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
9 11 81 1	-2.9	.25	.82	2.9	34.	1.6	1.	3.2	31.	99.0	1.	0.0
9 11 81 2	-3.2	.28	.82	2.6	34.	1.3	1.	2.8	31.	99.0	36.	0.0
9 11 81 3	-3.0	.16	.81	2.7	33.	2.1	2.	3.2	31.	99.0	35.	0.0
9 11 81 4	-3.6	-.01	.81	4.0	34.	1.8	2.	3.2	31.	99.0	35.	0.0
9 11 81 5	-3.4	.04	.79	2.3	33.	1.9	1.	3.2	31.	99.0	34.	0.0
9 11 81 6	-3.9	.29	.80	2.1	34.	1.8	2.	2.8	31.	99.0	33.	0.0
9 11 81 7	-4.0	.26	.81	1.8	34.	1.9	2.	2.8	30.	99.0	33.	0.0
9 11 81 8	-4.0	.21	.81	1.9	34.	2.1	1.	2.5	31.	99.0	31.	0.0
9 11 81 9	-2.3	-.16	.82	1.9	33.	2.1	2.	2.5	31.	99.0	33.	0.0
9 11 81 10	-1.1	-.50	.79	1.7	34.	2.1	2.	2.1	31.	99.0	36.	0.0
9 11 81 11	-.2	-.55	.75	1.3	33.	1.8	2.	1.8	32.	99.0	3.	0.0
9 11 81 12	.6	-.56	.65	.7	1.	2.2	2.	1.8	9.	99.0	4.	0.0
9 11 81 13	2.9	-1.01	.44	.4	13.	1.8	2.	1.4	12.	99.0	6.	0.0
9 11 81 14	3.1	-.46	.51	1.0	16.	1.3	2.	1.4	13.	99.0	6.	0.0
9 11 81 15	2.9	-.31	.56	1.9	19.	1.1	14.	1.8	14.	99.0	6.	0.0
9 11 81 16	1.8	.03	.74	2.0	20.	1.7	16.	1.4	0.	99.0	18.	0.0
9 11 81 17	1.1	.27	.81	2.8	22.	1.5	16.	1.4	32.	99.0	21.	0.0
9 11 81 18	.7	.21	.79	2.8	21.	1.6	16.	1.8	0.	99.0	22.	0.0
9 11 81 19	.3	.20	.80	2.3	20.	1.7	17.	2.5	25.	99.0	24.	0.0
9 11 81 20	-.1	.18	.84	2.6	23.	1.8	17.	3.9	22.	99.0	24.	0.0
9 11 81 21	.1	.17	.80	3.2	25.	2.6	22.	2.5	23.	99.0	24.	0.0
9 11 81 22	.5	.25	.80	2.6	24.	2.2	20.	1.8	18.	99.0	19.	0.0
9 11 81 23	1.9	.14	.73	2.6	25.	1.1	20.	1.4	34.	99.0	19.	0.0
9 11 81 24	1.5	.01	.75	2.5	25.	1.4	2.	1.8	0.	99.0	37.	0.0
10 11 81 1	1.5	-.42	.71	2.1	21.	1.4	2.	1.4	0.	.5	38.	0.0
10 11 81 2	2.9	-.05	.76	3.7	22.	1.0	12.	1.8	0.	.6	20.	0.0
10 11 81 3	3.5	.12	.79	3.4	21.	1.3	16.	1.8	0.	1.0	21.	0.0
10 11 81 4	4.3	.08	.76	4.1	21.	1.6	16.	3.2	18.	1.1	22.	0.0
10 11 81 5	4.9	.04	.73	4.2	22.	2.8	17.	4.2	17.	1.5	24.	0.0
10 11 81 6	4.7	.05	.89	4.4	21.	3.0	16.	4.9	17.	2.2	22.	0.0
10 11 81 7	5.1	.06	.89	5.1	21.	2.8	17.	4.6	18.	2.5	22.	0.0
10 11 81 8	5.4	.05	.91	6.5	22.	3.4	18.	5.3	18.	3.0	24.	0.0
10 11 81 9	5.7	.06	.94	6.8	22.	4.3	19.	5.6	18.	3.5	24.	.1
10 11 81 10	6.1	.05	.95	6.8	23.	4.2	20.	5.3	18.	3.6	24.	.6
10 11 81 11	6.5	.06	.93	6.2	23.	4.4	20.	5.3	19.	3.4	24.	1.2
10 11 81 12	6.3	.06	.93	6.2	23.	3.8	20.	4.9	18.	3.0	24.	1.0
10 11 81 13	6.4	.05	.94	6.4	22.	3.7	18.	5.3	18.	3.4	22.	1.0
10 11 81 14	7.1	.06	.94	6.2	23.	3.6	18.	4.6	19.	3.5	24.	.3
10 11 81 15	7.4	.05	.92	4.5	22.	2.5	20.	3.5	18.	3.4	22.	0.0
10 11 81 16	7.3	.05	.93	3.5	22.	2.5	18.	2.8	18.	2.0	22.	0.0
10 11 81 17	7.1	.09	.95	2.2	20.	2.3	16.	2.1	16.	1.8	21.	0.0
10 11 81 18	6.5	.24	.96	2.5	21.	2.2	16.	2.1	30.	1.1	20.	.1
10 11 81 19	6.3	.29	.97	3.1	22.	2.1	16.	1.8	38.	1.2	20.	0.0
10 11 81 20	6.1	.24	.97	2.9	23.	1.9	16.	1.1	0.	1.3	21.	0.0
10 11 81 21	6.1	.30	.96	2.2	23.	1.9	21.	1.8	32.	1.5	24.	0.0
10 11 81 22	5.5	.36	.97	1.2	20.	.8	20.	1.8	32.	.5	23.	0.0
10 11 81 23	5.6	.27	.97	1.6	22.	1.6	2.	2.1	31.	99.0	21.	0.0
10 11 81 24	5.7	.29	.97	1.2	20.	1.7	2.	2.1	32.	99.0	33.	0.0
11 11 81 1	5.3	.29	.97	.7	1018.	1.8	2.	2.1	32.	99.0	99.	0.0
11 11 81 2	4.2	.67	.96	.8	21.	1.7	2.	1.8	32.	99.0	99.	0.0
11 11 81 3	4.0	.75	.96	.8	34.	1.8	2.	2.1	32.	99.0	99.	0.0
11 11 81 4	3.9	.66	.96	.5	34.	1.8	1.	2.1	31.	99.0	99.	0.0
11 11 81 5	3.9	.74	.96	.9	1.	1.5	2.	2.5	31.	99.0	99.	0.0
11 11 81 6	3.8	.40	.96	1.3	34.	2.1	2.	2.5	31.	99.0	99.	0.0
11 11 81 7	3.7	.17	.96	1.6	35.	1.9	2.	2.5	31.	99.0	99.	0.0
11 11 81 8	3.7	.10	.96	2.3	34.	2.1	2.	2.5	31.	99.0	99.	0.0
11 11 81 9	3.8	.02	.96	1.8	34.	2.1	2.	2.1	32.	99.0	99.	0.0
11 11 81 10	3.8	-.01	.96	1.8	33.	1.9	2.	1.8	32.	99.0	99.	0.0
11 11 81 11	4.1	-.04	.96	1.9	34.	2.5	2.	3.2	33.	99.0	99.	0.0
11 11 81 12	4.5	-.03	.96	2.3	35.	2.7	2.	3.9	32.	99.0	99.	0.0
11 11 81 13	3.9	-.41	.91	2.7	34.	1.7	2.	3.9	32.	99.0	99.	0.0
11 11 81 14	5.1	-.12	.96	2.4	36.	2.7	1.	3.9	32.	99.0	99.	0.0
11 11 81 15	4.7	.03	.95	3.3	34.	2.6	1.	2.8	32.	99.0	99.	0.0
11 11 81 16	4.4	.18	.93	3.4	0.	3.6	2.	2.8	38.	99.0	99.	0.0
11 11 81 17	4.2	.16	.91	3.8	0.	4.0	1.	3.5	38.	99.0	99.	0.0
11 11 81 18	4.7	.21	.90	3.9	2.	3.5	2.	99.0	99.	99.0	99.	0.0
11 11 81 19	5.0	.12	.82	3.8	2.	5.2	2.	99.0	99.	99.0	99.	0.0
11 11 81 20	5.1	.12	.79	3.8	4.	6.2	2.	99.0	99.	99.0	99.	0.0
11 11 81 21	4.7	.10	.74	3.5	4.	6.4	2.	99.0	5.	99.0	99.	0.0
11 11 81 22	4.3	.08	.66	3.5	5.	6.6	2.	99.0	99.	99.0	99.	0.0
11 11 81 23	3.6	.05	.55	3.8	4.	4.6	2.	99.0	99.	99.0	99.	0.0
11 11 81 24	3.4	.07	.49	2.6	3.	4.9	2.	99.0	7.	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
12 11 81 1	3.2	.08	.51	2.6	5.	4.5	2.	.4	38.	99.0	99.	0.0
12 11 81 2	3.0	.07	.49	2.6	4.	2.5	2.	2.1	32.	99.0	99.	0.0
12 11 81 3	2.3	.20	.52	1.0	5.	1.6	4.	1.8	32.	99.0	99.	0.0
12 11 81 4	2.2	.21	.57	1.7	2.	1.5	2.	2.5	31.	99.0	99.	0.0
12 11 81 5	1.9	.24	.56	1.7	4.	1.1	2.	1.4	33.	99.0	99.	0.0
12 11 81 6	1.9	.23	.65	1.4	34.	1.4	2.	1.4	0.	99.0	99.	0.0
12 11 81 7	1.4	.22	.81	1.3	1034.	1.3	2.	1.8	5.	99.0	99.	0.0
12 11 81 8	1.4	.35	.81	.5	20.	.6	28.	2.1	17.	99.0	99.	0.0
12 11 81 9	1.8	.30	.74	1.2	20.	1.4	26.	1.8	22.	99.0	99.	0.0
12 11 81 10	2.1	.03	.71	1.6	15.	2.1	16.	2.5	22.	.4	21.	0.0
12 11 81 11	2.5	-.05	.74	1.4	16.	1.7	16.	3.5	23.	.7	22.	0.0
12 11 81 12	3.0	-.05	.67	2.2	22.	1.4	18.	3.5	23.	.8	23.	0.0
12 11 81 13	3.9	-.19	.46	3.1	23.	2.1	19.	2.8	22.	.9	26.	0.0
12 11 81 14	5.5	-.59	.61	2.2	23.	2.6	20.	2.5	24.	2.5	27.	0.0
12 11 81 15	4.7	-.44	.44	2.2	26.	3.8	24.	2.5	32.	1.5	27.	0.0
12 11 81 16	3.4	.12	.73	2.2	23.	2.7	22.	2.8	30.	2.2	27.	0.0
12 11 81 17	2.6	.35	.78	1.7	24.	1.8	22.	2.5	31.	2.5	28.	0.0
12 11 81 18	3.0	.19	.76	2.1	28.	2.1	24.	2.8	30.	2.0	27.	0.0
12 11 81 19	2.3	.27	.80	2.1	29.	2.1	2.	2.1	29.	0.0	37.	0.0
12 11 81 20	2.0	.37	.81	2.2	30.	1.3	2.	1.8	0.	0.0	37.	0.0
12 11 81 21	2.1	.32	.76	2.2	27.	.9	2.	2.1	0.	0.0	37.	0.0
12 11 81 22	1.0	.85	.83	2.1	25.	1.1	22.	3.5	22.	0.0	37.	0.0
12 11 81 23	.8	.63	.72	2.0	23.	1.1	20.	5.3	22.	0.0	37.	0.0
12 11 81 24	1.0	.38	.67	2.5	21.	2.2	20.	4.9	22.	1.5	27.	0.0
13 11 81 1	2.0	.22	.65	4.3	24.	3.4	24.	3.5	22.	3.5	28.	0.0
13 11 81 2	2.3	.18	.67	4.1	25.	3.5	24.	3.9	23.	2.5	28.	0.0
13 11 81 3	1.5	.24	.71	3.0	24.	2.5	26.	2.5	29.	2.5	27.	0.0
13 11 81 4	.0	.48	.80	1.3	20.	1.9	25.	2.8	25.	2.2	27.	0.0
13 11 81 5	.8	.35	.70	2.3	1029.	1.9	26.	2.1	27.	2.5	29.	0.0
13 11 81 6	1.4	.27	.49	3.1	27.	2.3	26.	2.1	27.	.5	30.	0.0
13 11 81 7	1.1	.16	.71	2.0	27.	2.3	26.	2.5	27.	1.0	30.	0.0
13 11 81 8	.4	.29	.78	2.2	32.	2.0	26.	2.1	29.	99.0	99.	0.0
13 11 81 9	1.5	.05	.76	1.2	27.	2.1	26.	2.8	28.	.5	28.	0.0
13 11 81 10	3.1	-.24	.71	1.7	30.	2.1	26.	3.5	26.	.6	33.	0.0
13 11 81 11	3.5	-.13	.59	3.6	29.	3.1	26.	3.5	24.	1.5	32.	0.0
13 11 81 12	3.9	-.07	.51	4.5	29.	4.1	26.	3.5	24.	3.5	32.	0.0
13 11 81 13	3.8	-.02	.50	3.5	28.	3.6	24.	3.2	24.	2.5	30.	0.0
13 11 81 14	3.4	-.03	.53	3.7	26.	4.0	23.	3.2	23.	2.0	29.	0.0
13 11 81 15	3.3	.06	.51	4.0	26.	3.1	23.	2.5	30.	2.2	28.	0.0
13 11 81 16	2.7	.11	.54	2.7	24.	3.1	24.	2.8	32.	2.5	28.	0.0
13 11 81 17	2.0	.18	.59	2.6	26.	2.6	20.	3.2	31.	2.1	29.	0.0
13 11 81 18	2.2	.19	.59	1.8	29.	2.6	25.	3.5	32.	1.5	27.	0.0
13 11 81 19	1.6	.44	.64	1.7	32.	.8	4.	8.4	0.	1.0	27.	0.0
13 11 81 20	2.5	.42	.61	3.0	35.	2.1	2.	7.0	0.	.5	38.	0.0
13 11 81 21	2.6	.11	.62	5.0	5.	5.4	2.	6.7	0.	0.0	37.	0.0
13 11 81 22	1.4	.05	.67	6.8	1.	7.4	1.	3.9	31.	5.0	6.	0.0
13 11 81 23	.9	.04	.62	5.5	1.	5.6	1.	4.2	33.	4.0	6.	0.0
13 11 81 24	.7	.12	.59	3.7	0.	2.4	2.	3.9	31.	2.5	4.	0.0
14 11 81 1	1.1	.28	.54	4.0	35.	1.6	2.	4.2	30.	2.0	3.	0.0
14 11 81 2	.8	.41	.52	3.5	35.	1.3	2.	5.3	30.	0.0	37.	0.0
14 11 81 3	.4	.45	.53	2.6	34.	1.8	2.	6.3	32.	99.0	99.	0.0
14 11 81 4	.6	.32	.52	3.0	34.	1.8	2.	6.0	32.	99.0	99.	0.0
14 11 81 5	.9	.34	.48	4.1	36.	3.2	1.	4.2	31.	99.0	99.	0.0
14 11 81 6	1.4	.32	.45	3.6	35.	2.9	1.	3.2	31.	99.0	99.	0.0
14 11 81 7	.6	.51	.48	2.0	35.	2.3	6.	3.5	31.	99.0	99.	0.0
14 11 81 8	1.3	.38	.47	3.5	35.	1.6	2.	5.3	32.	99.0	99.	0.0
14 11 81 9	2.4	.10	.44	3.8	36.	1.5	2.	4.6	32.	99.0	99.	0.0
14 11 81 10	3.9	-.12	.43	3.2	0.	2.4	1.	3.5	32.	99.0	99.	0.0
14 11 81 11	4.4	-.27	.41	3.1	1.	4.9	1.	4.2	32.	99.0	99.	0.0
14 11 81 12	5.1	-.56	.38	2.6	34.	3.6	1.	4.6	0.	99.0	99.	0.0
14 11 81 13	5.9	-.39	.35	3.1	35.	3.2	34.	4.2	0.	99.0	99.	0.0
14 11 81 14	5.5	-.24	.34	3.5	2.	3.8	32.	3.5	31.	99.0	99.	0.0
14 11 81 15	4.5	-.06	.36	2.9	2.	4.1	2.	2.5	31.	99.0	99.	0.0
14 11 81 16	2.9	.26	.40	2.8	0.	2.3	2.	2.5	31.	99.0	99.	0.0
14 11 81 17	2.1	.38	.43	2.4	1.	1.8	3.	2.8	31.	99.0	99.	0.0
14 11 81 18	.6	.67	.54	1.7	1.	1.6	2.	1.8	31.	99.0	99.	0.0
14 11 81 19	-.6	.97	.75	2.2	35.	1.7	2.	1.8	31.	99.0	99.	0.0
14 11 81 20	-.9	.77	.67	2.0	35.	1.9	2.	2.1	32.	99.0	99.	0.0
14 11 81 21	-1.7	.86	.78	2.2	34.	1.3	2.	2.8	32.	99.0	99.	0.0
14 11 81 22	-2.2	.58	.85	2.4	33.	1.5	2.	2.5	31.	99.0	99.	0.0
14 11 81 23	-2.6	.54	.84	1.7	35.	1.5	2.	2.5	32.	99.0	99.	0.0
14 11 81 24	-2.3	.36	.86	2.2	33.	2.1	2.	2.1	33.	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
15 11 81 1	-2.2	.13	.87	2.0	34.	1.8	2.	2.5	32.	99.0	99.	0.0
15 11 81 2	-2.1	.11	.84	1.9	34.	2.0	1.	2.1	33.	99.0	99.	0.0
15 11 81 3	-1.9	.15	.85	1.5	34.	1.8	1.	2.1	33.	99.0	99.	0.0
15 11 81 4	-1.7	.10	.85	1.6	34.	1.7	2.	2.5	33.	99.0	99.	0.0
15 11 81 5	-1.6	.14	.84	1.5	33.	1.8	1.	2.1	32.	99.0	99.	0.0
15 11 81 6	-1.5	.14	.85	1.6	33.	1.5	2.	2.1	32.	99.0	99.	0.0
15 11 81 7	-1.3	.23	.94	1.4	33.	1.6	2.	2.1	33.	99.0	99.	0.0
15 11 81 8	-1.0	.12	.86	1.5	33.	1.1	2.	2.1	32.	99.0	99.	0.0
15 11 81 9	-.5	.05	.86	1.4	34.	1.9	1.	2.1	32.	99.0	99.	0.0
15 11 81 10	.0	.11	.82	1.2	33.	1.3	2.	1.8	32.	99.0	99.	0.0
15 11 81 11	.1	.24	.84	.7	34.	1.2	2.	1.4	14.	99.0	99.	0.0
15 11 81 12	.2	.54	.90	1.4	31.	1.3	2.	1.4	10.	99.0	99.	.2
15 11 81 13	.5	.68	.93	.9	14.	1.3	10.	1.8	38.	99.0	99.	0.0
15 11 81 14	1.1	.65	.92	1.8	19.	.7	12.	1.4	33.	99.0	99.	.2
15 11 81 15	2.5	.24	.84	2.3	18.	.9	8.	1.4	33.	99.0	99.	0.0
15 11 81 16	3.1	.18	.75	2.1	18.	1.1	2.	1.8	0.	99.0	99.	0.0
15 11 81 17	3.0	.12	.74	2.2	20.	1.2	8.	2.1	14.	99.0	99.	0.0
15 11 81 18	2.8	.17	.76	2.9	19.	1.4	14.	2.5	15.	99.0	99.	0.0
15 11 81 19	2.8	.14	.74	3.2	20.	1.3	15.	2.9	16.	99.0	99.	0.0
15 11 81 20	2.8	.14	.75	3.2	20.	1.6	20.	2.8	17.	99.0	99.	0.0
15 11 81 21	2.7	.12	.75	3.0	20.	1.4	16.	2.5	17.	99.0	99.	0.0
15 11 81 22	2.6	.11	.74	2.4	21.	1.5	16.	2.8	17.	99.0	99.	0.0
15 11 81 23	2.7	.11	.73	3.2	20.	1.3	20.	3.5	18.	2.1	22.	0.0
15 11 81 24	3.0	.07	.73	3.5	20.	1.9	21.	3.5	18.	2.0	21.	0.0
16 11 81 1	3.1	.04	.72	4.1	21.	1.9	20.	2.8	17.	2.3	23.	0.0
16 11 81 2	3.0	.04	.71	4.1	22.	3.1	21.	3.5	17.	2.0	22.	0.0
16 11 81 3	2.9	.05	.73	3.9	21.	2.1	20.	3.9	17.	1.8	22.	0.0
16 11 81 4	3.2	.06	.77	3.9	21.	2.1	20.	3.9	17.	2.2	22.	0.0
16 11 81 5	3.3	.04	.77	4.1	21.	2.7	17.	4.2	17.	2.5	22.	0.0
16 11 81 6	3.3	.04	.77	4.0	20.	2.9	17.	5.3	17.	2.5	21.	0.0
16 11 81 7	3.3	.02	.79	4.3	20.	3.4	16.	5.3	17.	3.0	22.	0.0
16 11 81 8	3.4	.01	.81	4.4	22.	3.1	16.	5.3	17.	2.6	22.	0.0
16 11 81 9	3.4	.02	.83	5.5	21.	4.1	17.	5.6	17.	3.5	23.	0.0
16 11 81 10	3.2	.03	.86	5.5	21.	3.9	17.	5.3	17.	3.2	22.	0.0
16 11 81 11	3.0	.02	.88	5.5	21.	4.1	18.	6.7	17.	3.6	22.	0.0
16 11 81 12	2.9	.01	.87	5.9	20.	3.8	19.	5.3	17.	3.8	24.	.6
16 11 81 13	2.7	.02	.91	4.9	20.	4.1	17.	5.3	16.	3.5	23.	.3
16 11 81 14	3.0	.03	.85	4.3	20.	3.6	16.	5.6	17.	2.9	23.	2.5
16 11 81 15	2.6	-.01	.92	4.0	19.	3.3	16.	6.0	16.	3.0	22.	3.2
16 11 81 16	2.8	.01	.94	4.6	20.	3.6	16.	5.3	16.	3.5	21.	3.0
16 11 81 17	2.6	.00	.94	4.9	20.	4.5	16.	4.2	15.	3.8	22.	2.9
16 11 81 18	2.5	-.00	.95	5.1	18.	4.5	16.	4.2	38.	4.0	22.	.6
16 11 81 19	2.9	.01	.95	3.9	19.	3.1	16.	3.5	29.	3.8	22.	.1
16 11 81 20	3.9	.03	.94	4.2	20.	3.6	14.	3.2	31.	3.0	21.	0.0
16 11 81 21	4.2	.02	.95	3.1	1024.	2.8	20.	3.9	29.	2.5	29.	0.0
16 11 81 22	2.9	-.03	.96	2.5	33.	2.9	36.	3.5	28.	99.0	99.	0.0
16 11 81 23	2.2	-.02	.96	2.7	33.	2.9	32.	3.5	29.	99.0	99.	0.0
16 11 81 24	1.9	-.03	.94	3.1	32.	1.4	2.	2.5	31.	99.0	99.	0.0
17 11 81 1	1.7	.01	.91	2.8	32.	2.5	32.	2.1	32.	99.0	99.	0.0
17 11 81 2	1.3	-.02	.93	2.3	32.	2.1	32.	2.5	32.	99.0	99.	0.0
17 11 81 3	.6	.09	.94	1.3	34.	2.5	2.	2.8	31.	99.0	99.	0.0
17 11 81 4	.6	.06	.95	1.2	2.	2.1	2.	3.2	32.	99.0	99.	.5
17 11 81 5	.7	.02	.95	1.3	36.	2.1	2.	3.5	31.	99.0	99.	.9
17 11 81 6	.7	0.00	.96	1.5	36.	2.5	1.	3.5	31.	99.0	99.	0.0
17 11 81 7	.6	.05	.95	2.2	35.	2.9	1.	3.9	31.	99.0	99.	1.1
17 11 81 8	.7	.02	.95	2.0	36.	2.6	2.	3.5	30.	99.0	99.	1.5
17 11 81 9	.9	.05	.95	2.4	34.	2.6	1.	3.2	31.	99.0	99.	2.0
17 11 81 10	1.0	-.02	.95	2.2	34.	2.1	2.	3.2	31.	99.0	99.	1.7
17 11 81 11	1.1	-.05	.95	1.8	35.	2.4	2.	2.8	32.	99.0	99.	2.3
17 11 81 12	1.0	-.03	.95	1.5	35.	2.1	2.	3.2	31.	99.0	99.	3.1
17 11 81 13	1.1	.02	.95	1.7	34.	2.1	2.	2.8	31.	3.0	35.	1.4
17 11 81 14	1.2	.07	.95	1.2	33.	2.1	2.	3.2	31.	3.0	36.	0.0
17 11 81 15	1.2	.05	.95	2.0	33.	2.6	1.	3.5	30.	2.2	1.	0.0
17 11 81 16	1.1	.18	.95	1.7	33.	3.3	2.	3.2	30.	1.8	2.	0.0
17 11 81 17	1.0	.18	.95	2.3	34.	2.7	1.	1.8	30.	1.7	3.	0.0
17 11 81 18	.9	0.00	.95	3.5	33.	2.3	1.	2.1	31.	1.5	36.	0.0
17 11 81 19	1.0	-.02	.97	1.8	31.	1.3	3.	1.4	32.	99.0	99.	0.0
17 11 81 20	.8	-.14	.96	1.1	34.	1.2	26.	1.4	0.	99.0	99.	0.0
17 11 81 21	.6	-.13	.94	1.4	34.	2.1	24.	1.8	33.	99.0	99.	1.5
17 11 81 22	.7	.18	.95	1.0	8.	2.5	2.	2.1	32.	99.0	99.	2.1
17 11 81 23	1.1	.37	.95	.5	1027.	2.5	2.	1.8	0.	99.0	99.	3.2
17 11 81 24	2.0	.49	.95	2.3	21.	1.9	2.	1.4	32.	99.0	99.	0.0

	T-RS	DT-RS	RH-RS	F-TS	D-RS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
18 11 81 1	3.3	.28	.95	2.7	25.	2.1	2.	2.1	30.	99.0	99.	0.0
18 11 81 2	3.6	.21	.95	1.7	20.	1.5	2.	2.1	0.	99.0	99.	0.0
18 11 81 3	3.6	.24	.95	2.4	21.	1.1	12.	2.1	0.	99.0	99.	.1
18 11 81 4	3.5	.29	.94	1.6	23.	1.1	14.	1.8	11.	99.0	99.	0.0
18 11 81 5	4.0	.17	.94	2.0	21.	1.7	15.	2.1	15.	99.0	99.	0.0
18 11 81 6	4.6	.17	.95	2.4	18.	1.4	12.	1.8	0.	99.0	99.	0.0
18 11 81 7	5.0	.14	.95	2.9	21.	1.1	14.	2.9	18.	99.0	99.	0.0
18 11 81 8	5.0	.17	.92	3.8	21.	.8	16.	2.5	18.	99.0	99.	0.0
18 11 81 9	5.6	.08	.97	3.8	21.	1.7	17.	2.9	17.	99.0	99.	0.0
18 11 81 10	5.6	.05	.92	4.6	21.	1.6	17.	3.2	18.	2.0	21.	0.0
18 11 81 11	6.4	-.38	.93	3.0	22.	2.0	16.	3.2	18.	2.1	12.	0.0
18 11 81 12	7.0	-.48	.76	2.9	22.	2.3	16.	3.2	16.	1.8	21.	0.0
18 11 81 13	7.3	-.36	.74	3.5	23.	2.6	17.	3.5	16.	2.0	21.	0.0
18 11 81 14	6.9	-.22	.74	3.3	24.	2.3	16.	3.9	20.	2.1	20.	0.0
18 11 81 15	5.5	.11	.79	2.7	20.	3.1	16.	2.5	38.	2.2	19.	0.0
18 11 81 16	4.3	.24	.82	3.2	22.	2.6	17.	2.1	33.	2.1	20.	0.0
18 11 81 17	3.2	.27	.87	3.1	23.	1.7	12.	2.8	31.	2.0	24.	0.0
18 11 81 18	3.1	.27	.89	1.5	23.	1.7	20.	3.2	31.	1.2	18.	0.0
18 11 81 19	3.5	.07	.83	2.0	27.	1.7	24.	2.8	32.	.9	38.	0.0
18 11 81 20	3.0	.22	.87	2.0	29.	1.9	26.	1.4	0.	99.0	99.	0.0
18 11 81 21	2.5	.29	.89	2.1	31.	1.6	2.	3.2	31.	99.0	99.	0.0
18 11 81 22	2.0	.16	.91	1.2	35.	2.1	2.	3.2	31.	99.0	99.	0.0
18 11 81 23	1.7	.24	.92	1.5	33.	1.6	2.	3.5	32.	99.0	99.	0.0
18 11 81 24	1.1	.06	.93	2.5	34.	2.4	2.	2.8	31.	99.0	99.	0.0
19 11 81 1	.3	-.03	.95	2.0	34.	2.5	2.	2.8	30.	99.0	99.	0.0
19 11 81 2	-.2	-.05	.95	1.5	36.	2.5	1.	2.8	31.	99.0	99.	0.0
19 11 81 3	-.5	-.07	.95	1.7	35.	2.1	1.	2.5	31.	99.0	99.	0.0
19 11 81 4	-.7	-.10	.94	1.9	32.	1.7	1.	2.5	30.	99.0	99.	0.0
19 11 81 5	-1.4	-.08	.94	2.1	33.	1.1	28.	2.5	31.	99.0	99.	0.0
19 11 81 6	-1.4	-.06	.94	1.3	34.	1.9	2.	3.2	30.	99.0	99.	0.0
19 11 81 7	-1.4	-.08	.93	1.6	33.	1.5	2.	3.2	32.	99.0	99.	0.0
19 11 81 8	-1.5	-.09	.93	1.9	32.	1.1	1.	2.8	32.	99.0	99.	0.0
19 11 81 9	-2.1	-.10	.92	2.2	32.	1.9	1.	2.1	32.	99.0	99.	0.0
19 11 81 10	-1.3	-.09	.94	1.4	32.	2.1	1.	2.5	5.	99.0	99.	0.0
19 11 81 11	-.9	-.12	.94	1.5	33.	2.2	1.	2.1	4.	99.0	99.	0.0
19 11 81 12	-.6	-.09	.94	1.3	1.	3.1	1.	1.4	99.	99.0	99.	0.0
19 11 81 13	.3	-.21	.95	1.0	2.	3.4	1.	1.8	99.	99.0	99.	0.0
19 11 81 14	1.1	-.37	.94	.7	3.	2.8	1.	2.5	99.	99.0	99.	0.0
19 11 81 15	.3	-.02	.93	1.0	31.	2.5	2.	2.1	99.	99.0	99.	0.0
19 11 81 16	-.8	.43	.93	1.6	33.	2.7	1.	2.1	99.	99.0	99.	0.0
19 11 81 17	-1.1	.01	.94	1.7	32.	2.5	1.	2.5	99.	99.0	99.	0.0
19 11 81 18	-1.4	.11	.94	1.5	31.	2.4	1.	2.1	99.	99.0	99.	0.0
19 11 81 19	-1.6	.04	.93	.9	1.	2.7	2.	1.8	99.	99.0	99.	0.0
19 11 81 20	-1.7	.00	.93	2.1	32.	2.6	1.	1.8	99.	99.0	99.	0.0
19 11 81 21	-1.9	-.08	.93	2.0	32.	2.5	1.	2.1	99.	99.0	99.	0.0
19 11 81 22	-2.3	-.05	.92	1.0	34.	2.1	2.	1.4	99.	99.0	99.	0.0
19 11 81 23	-2.1	-.05	.92	.8	32.	1.7	2.	1.8	99.	99.0	99.	.8
19 11 81 24	-2.1	.03	.92	.9	33.	0.0	37.	1.4	99.	99.0	99.	.4
20 11 81 1	-2.2	.02	.92	.8	32.	.2	1.	1.8	99.	99.0	99.	1.9
20 11 81 2	-2.5	1.07	.91	1.4	24.	.2	1.	1.8	99.	99.0	99.	1.2
20 11 81 3	-2.1	.92	.92	1.8	23.	.2	2.	2.1	99.	99.0	99.	1.5
20 11 81 4	-1.9	1.19	.92	1.6	26.	.2	2.	1.4	99.	99.0	99.	3.0
20 11 81 5	-1.1	.77	.93	.7	27.	.2	1.	1.8	99.	99.0	99.	2.0
20 11 81 6	-.8	.92	.94	1.4	14.	.2	2.	1.8	99.	99.0	99.	5.0
20 11 81 7	-.9	1.20	.94	1.4	15.	.2	2.	1.4	99.	99.0	99.	2.4
20 11 81 8	-.5	1.64	.94	1.4	13.	.2	2.	2.8	99.	99.0	99.	.1
20 11 81 9	-.0	.96	.94	1.9	1014.	.2	2.	6.0	99.	99.0	99.	0.0
20 11 81 10	2.0	.38	.95	3.8	19.	.4	9.	99.0	99.	99.0	99.	0.0
20 11 81 11	4.0	.07	.93	5.4	17.	4.0	14.	99.0	99.	99.0	99.	0.0
20 11 81 12	4.1	.01	.90	6.4	19.	6.2	16.	8.4	99.	99.0	99.	0.0
20 11 81 13	3.0	-.03	.91	5.4	18.	5.6	16.	8.8	16.	99.0	99.	0.0
20 11 81 14	3.6	-.01	.91	7.5	17.	5.2	16.	10.5	15.	99.0	99.	0.0
20 11 81 15	4.5	-.04	.93	7.1	17.	5.1	15.	8.8	16.	99.0	99.	0.0
20 11 81 16	5.7	-.02	.95	5.6	18.	3.9	16.	6.3	15.	99.0	99.	0.0
20 11 81 17	7.0	.08	.90	5.4	24.	4.4	19.	4.9	15.	99.0	99.	0.0
20 11 81 18	6.1	.05	.81	6.2	25.	5.1	20.	4.9	15.	99.0	99.	0.0
20 11 81 19	4.9	.05	.80	6.2	25.	3.7	23.	4.2	15.	99.0	99.	0.0
20 11 81 20	4.1	.08	.79	4.4	27.	3.0	21.	3.2	15.	99.0	99.	0.0
20 11 81 21	3.6	.10	.83	3.5	25.	2.3	20.	2.1	16.	99.0	99.	0.0
20 11 81 22	2.9	.22	.83	2.5	24.	2.2	20.	2.5	16.	99.0	99.	0.0
20 11 81 23	2.5	.11	.87	2.2	26.	2.1	24.	2.5	16.	99.0	99.	0.0
20 11 81 24	2.3	.12	.89	2.1	28.	2.4	24.	2.5	16.	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
21 11 81 1	1.8	.18	.91	2.9	32.	2.2	24.	2.5	14.	99.0	99.	0.0
21 11 81 2	1.3	.25	.92	2.4	33.	2.1	26.	3.5	16.	99.0	99.	0.0
21 11 81 3	2.4	.29	.79	6.0	32.	5.4	30.	13.3	38.	99.0	99.	0.0
21 11 81 4	4.4	.98	.59	12.8	32.	5.2	30.	12.6	31.	99.0	99.	0.0
21 11 81 5	3.7	.06	.45	10.5	33.	6.3	29.	11.6	31.	99.0	99.	0.0
21 11 81 6	3.3	.06	.44	9.3	32.	5.9	29.	10.2	31.	99.0	99.	0.0
21 11 81 7	3.0	.07	.44	6.8	32.	3.9	27.	7.0	30.	99.0	99.	0.0
21 11 81 8	2.9	.07	.45	5.1	31.	4.3	27.	6.3	30.	99.0	99.	0.0
21 11 81 9	3.5	.02	.45	6.5	31.	5.2	28.	7.4	31.	99.0	99.	0.0
21 11 81 10	4.5	-.07	.44	8.2	32.	7.4	27.	9.5	31.	99.0	99.	0.0
21 11 81 11	5.2	-.17	.44	9.5	33.	6.6	28.	8.8	31.	99.0	99.	0.0
21 11 81 12	5.6	-.19	.39	7.4	32.	5.6	28.	7.0	31.	99.0	99.	0.0
21 11 81 13	6.2	-.19	.38	6.7	32.	5.1	27.	7.0	30.	99.0	99.	0.0
21 11 81 14	6.1	-.18	.38	5.4	32.	4.9	28.	6.0	30.	99.0	99.	0.0
21 11 81 15	5.4	-.04	.41	6.1	32.	3.8	27.	5.3	31.	99.0	99.	0.0
21 11 81 16	4.7	.12	.45	5.8	33.	2.6	28.	4.9	32.	99.0	99.	0.0
21 11 81 17	4.0	.09	.50	4.0	31.	5.2	28.	4.9	31.	99.0	99.	0.0
21 11 81 18	3.6	.17	.51	3.3	31.	3.7	26.	3.5	31.	99.0	99.	0.0
21 11 81 19	3.4	.10	.52	2.2	27.	2.8	24.	3.2	30.	99.0	99.	0.0
21 11 81 20	3.0	.30	.55	1.6	0.	1.6	26.	3.5	30.	99.0	99.	0.0
21 11 81 21	3.3	.20	.54	2.2	32.	1.2	26.	3.5	25.	99.0	99.	0.0
21 11 81 22	3.0	.18	.55	1.4	24.	2.1	24.	2.5	24.	99.0	99.	0.0
21 11 81 23	2.4	.19	.58	1.0	1019.	1.4	20.	2.1	28.	99.0	99.	0.0
21 11 81 24	1.9	.45	.65	1.3	16.	1.3	24.	1.8	29.	99.0	99.	0.0
22 11 81 1	1.4	.42	.63	.8	22.	1.1	25.	1.8	29.	99.0	99.	0.0
22 11 81 2	1.5	.53	.70	1.4	23.	2.1	2.	2.1	32.	99.0	99.	0.0
22 11 81 3	.7	.43	.85	.8	31.	2.1	2.	2.1	30.	99.0	99.	0.0
22 11 81 4	.5	.64	.87	1.7	31.	1.6	2.	2.5	32.	99.0	99.	0.0
22 11 81 5	.4	.60	.85	2.1	34.	2.4	1.	2.1	32.	99.0	99.	0.0
22 11 81 6	.8	.32	.75	2.4	35.	2.6	2.	2.5	32.	99.0	99.	0.0
22 11 81 7	.5	.24	.76	2.1	36.	2.3	1.	2.5	32.	99.0	99.	0.0
22 11 81 8	.5	.10	.80	2.3	34.	1.2	1.	2.8	31.	99.0	99.	0.0
22 11 81 9	.7	.03	.84	2.3	34.	1.7	2.	2.5	32.	99.0	99.	0.0
22 11 81 10	1.0	0.00	.85	1.0	30.	1.9	2.	2.5	31.	99.0	99.	0.0
22 11 81 11	1.3	-.14	.84	2.3	33.	1.5	3.	3.5	31.	99.0	99.	0.0
22 11 81 12	1.1	-.18	.87	2.0	32.	1.7	2.	3.2	30.	99.0	99.	0.0
22 11 81 13	.9	-.13	.92	1.4	34.	2.3	1.	2.8	32.	99.0	99.	0.0
22 11 81 14	.0	-.00	.95	1.4	3.	2.5	2.	2.1	32.	99.0	99.	0.0
22 11 81 15	-.1	-.01	.95	1.4	7.	2.5	2.	2.1	33.	99.0	99.	0.0
22 11 81 16	-.1	-.02	.95	1.5	10.	2.5	2.	1.4	21.	99.0	99.	0.0
22 11 81 17	-.0	-.02	.94	1.5	8.	2.3	2.	1.8	21.	99.0	99.	0.0
22 11 81 18	.0	-.01	.94	1.7	6.	3.2	2.	2.8	21.	99.0	99.	0.0
22 11 81 19	.0	-.02	.94	1.5	3.	3.3	2.	3.5	21.	99.0	99.	0.0
22 11 81 20	.0	-.02	.94	1.3	4.	3.1	1.	2.8	21.	99.0	99.	0.0
22 11 81 21	.1	-.01	.94	1.3	4.	2.5	1.	3.2	29.	99.0	99.	0.0
22 11 81 22	.1	-.01	.94	1.3	6.	2.5	1.	3.2	38.	99.0	99.	0.0
22 11 81 23	.1	-.00	.94	1.2	3.	2.7	1.	2.5	22.	99.0	99.	0.0
22 11 81 24	.1	.01	.94	1.1	1.	1.9	1.	2.5	29.	99.0	99.	0.0
23 11 81 1	.1	-.01	.94	1.5	1.	2.3	2.	2.1	30.	99.0	99.	0.0
23 11 81 2	.1	.00	.94	1.0	6.	2.1	2.	1.8	29.	99.0	99.	0.0
23 11 81 3	.1	.04	.94	.7	1013.	1.4	2.	1.4	29.	99.0	99.	0.0
23 11 81 4	.1	.13	.94	.9	10.	1.7	2.	1.8	29.	99.0	99.	0.0
23 11 81 5	.3	.25	.94	.8	8.	1.8	2.	1.8	27.	99.0	99.	0.0
23 11 81 6	.5	.20	.94	.8	1019.	1.6	12.	1.8	27.	99.0	99.	0.0
23 11 81 7	.6	.17	.94	1.0	8.	2.1	2.	1.4	29.	99.0	99.	0.0
23 11 81 8	.7	.19	.94	.9	6.	2.2	2.	1.8	31.	99.0	99.	0.0
23 11 81 9	.9	.30	.94	.6	5.	2.2	2.	2.1	31.	99.0	99.	0.0
23 11 81 10	1.3	.10	.94	.5	1002.	2.5	2.	1.8	31.	99.0	99.	0.0
23 11 81 11	1.5	.22	.94	.5	1005.	2.4	2.	1.4	99.	99.0	99.	0.0
23 11 81 12	2.1	.18	.95	1.5	15.	1.5	2.	1.4	99.	99.0	99.	0.0
23 11 81 13	3.3	.52	.95	1.7	16.	1.5	2.	1.4	99.	99.0	99.	0.0
23 11 81 14	5.6	.62	.94	2.5	18.	1.9	2.	1.4	99.	99.0	99.	0.0
23 11 81 15	7.8	.10	.96	3.4	20.	1.4	14.	1.8	99.	99.0	99.	0.0
23 11 81 16	8.2	.06	.96	4.2	21.	3.2	16.	4.9	99.	99.0	99.	0.0
23 11 81 17	8.1	-.03	.96	5.8	21.	6.1	16.	7.0	99.	99.0	99.	0.0
23 11 81 18	8.2	-.05	.96	7.0	21.	6.0	16.	8.4	99.	99.0	99.	0.0
23 11 81 19	8.0	-.05	.95	7.5	21.	6.3	16.	8.8	99.	99.0	99.	0.0
23 11 81 20	7.8	-.04	.95	7.8	20.	7.2	16.	9.5	99.	99.0	99.	0.0
23 11 81 21	7.3	-.04	.91	9.0	20.	7.4	16.	10.5	99.	99.0	99.	0.0
23 11 81 22	7.0	-.04	.90	7.5	19.	7.9	16.	9.1	99.	99.0	99.	0.0
23 11 81 23	6.3	-.03	.87	6.4	20.	6.6	22.	7.0	99.	99.0	99.	0.0
23 11 81 24	2.6	-.06	.80	9.1	29.	6.6	24.	5.3	27.	99.0	99.	0.0

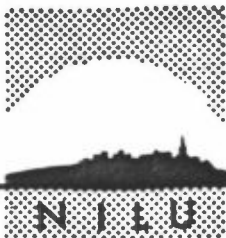
	T-SS	DT-SS	RH-SS	F-SS	D-SS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
24 11 81 1	2.8	.01	.71	7.1	27.	5.4	26.	4.6	25.	00.0	00.	0.0
24 11 81 2	2.2	.03	.64	6.6	24.	6.6	24.	4.0	23.	00.0	00.	0.0
24 11 81 3	1.1	.01	.45	5.7	24.	4.1	21.	3.0	20.	00.0	00.	0.0
24 11 81 4	.5	.00	.75	3.2	19.	2.7	17.	4.2	09.	00.0	00.	0.0
24 11 81 5	.8	.04	.87	3.1	1015.	1.7	12.	2.5	09.	00.0	00.	0.0
24 11 81 6	1.2	-.04	.84	2.1	28.	1.3	27.	2.1	09.	00.0	00.	0.0
24 11 81 7	.6	.06	.87	1.0	25.	2.4	23.	2.1	27.	00.0	00.	0.0
24 11 81 8	-.1	.16	.91	1.1	30.	1.7	26.	3.2	30.	00.0	00.	0.0
24 11 81 9	-.3	-.09	.92	2.5	32.	3.0	2.	3.0	30.	00.0	00.	0.0
24 11 81 10	-.5	-.16	.90	2.5	32.	2.2	28.	2.8	29.	00.0	00.	00.0
24 11 81 11	.5	-.45	.44	1.0	31.	2.7	24.	2.8	32.	00.0	00.	00.0
24 11 81 12	.3	-.10	.85	1.3	30.	2.6	25.	2.1	32.	00.0	00.	00.0
24 11 81 13	.8	-.09	.85	.7	24.	1.5	26.	1.3	33.	00.0	00.	00.0
24 11 81 14	1.4	-.12	.77	1.4	24.	1.4	24.	2.5	32.	00.0	00.	00.0
24 11 81 15	1.2	.05	.80	3.3	33.	3.4	32.	8.2	33.	00.0	00.	00.0
24 11 81 16	1.3	.04	.71	6.8	34.	5.6	32.	10.5	33.	00.0	00.	00.0
24 11 81 17	1.6	.06	.64	6.2	33.	6.0	31.	9.5	33.	00.0	00.	00.0
24 11 81 18	2.1	.02	.64	6.1	33.	5.6	30.	9.1	32.	00.0	00.	00.0
24 11 81 19	1.7	-.03	.73	6.8	33.	6.2	29.	10.5	33.	00.0	00.	00.0
24 11 81 20	1.6	-.02	.62	6.7	33.	7.2	32.	11.6	32.	00.0	00.	00.0
24 11 81 21	.5	-.05	.78	6.3	33.	4.7	31.	5.3	31.	00.0	00.	00.0
24 11 81 22	.4	.04	.83	4.0	32.	2.6	32.	3.2	31.	00.0	00.	00.0
24 11 81 23	1.6	.06	.61	5.1	33.	5.4	32.	6.3	33.	00.0	00.	00.0
24 11 81 24	1.9	.05	.51	5.2	35.	4.3	32.	6.0	33.	00.0	00.	00.0
25 11 81 1	1.6	.10	.49	4.4	34.	3.5	1.	3.9	33.	00.0	00.	00.0
25 11 81 2	1.1	.16	.50	2.8	35.	2.5	1.	2.5	38.	00.0	00.	00.0
25 11 81 3	.7	.22	.54	3.5	35.	1.7	2.	2.1	09.	00.0	00.	00.0
25 11 81 4	.5	.33	.55	2.3	33.	1.1	2.	3.2	09.	00.0	00.	00.0
25 11 81 5	.2	.39	.57	3.5	35.	1.9	2.	3.2	09.	00.0	00.	00.0
25 11 81 6	.7	.21	.58	2.8	33.	2.3	1.	2.8	09.	00.0	00.	00.0
25 11 81 7	.3	.16	.73	2.0	32.	2.1	2.	3.2	09.	00.0	00.	00.0
25 11 81 8	.2	.44	.65	2.6	35.	1.7	2.	3.2	09.	00.0	00.	00.0
25 11 81 9	.4	.12	.67	3.3	35.	3.1	2.	6.0	09.	00.0	00.	00.0
25 11 81 10	1.0	-.01	.59	4.6	35.	4.8	1.	7.0	09.	00.0	00.	00.0
25 11 81 11	1.3	-.05	.58	4.4	36.	5.4	1.	8.4	09.	00.0	00.	00.0
25 11 81 12	1.6	-.09	.57	3.6	1.	5.6	1.	3.0	29.	00.0	00.	00.0
25 11 81 13	1.4	-.11	.57	2.0	2.	1.9	2.	1.8	29.	00.0	00.	00.0
25 11 81 14	1.0	-.04	.58	.5	1027.	1.1	6.	1.4	29.	00.0	00.	00.0
25 11 81 15	.4	.14	.64	1.2	23.	.7	6.	1.8	38.	00.0	00.	00.0
25 11 81 16	-.4	.70	.74	1.1	1023.	1.1	24.	1.4	31.	00.0	00.	00.0
25 11 81 17	.0	.64	.72	1.5	25.	1.1	24.	2.1	27.	00.0	00.	00.0
25 11 81 18	-.5	.40	.83	1.3	1023.	2.4	27.	1.8	30.	00.0	00.	00.0
25 11 81 19	-.9	.38	.85	1.4	29.	2.0	2.	2.5	32.	00.0	00.	00.0
25 11 81 20	-1.7	.20	.89	1.6	35.	2.1	3.	1.4	31.	00.0	00.	00.0
25 11 81 21	-1.6	.56	.92	1.6	35.	1.7	2.	1.8	0.	00.0	00.	00.0
25 11 81 22	-.6	.54	.69	2.1	34.	2.1	2.	1.8	18.	00.0	00.	00.0
25 11 81 23	.5	.45	.62	2.9	32.	.9	3.	1.8	24.	00.0	00.	00.0
25 11 81 24	.9	.33	.56	3.4	34.	1.5	1.	1.8	21.	00.0	00.	00.0
26 11 81 1	.7	.35	.53	2.4	34.	.8	14.	1.8	20.	00.0	00.	00.0
26 11 81 2	.6	.37	.53	2.3	33.	.5	6.	2.1	30.	00.0	00.	00.0
26 11 81 3	-1.4	.70	.69	1.1	1028.	.7	4.	1.4	29.	00.0	00.	00.0
26 11 81 4	-2.5	.79	.80	1.3	15.	.9	14.	2.1	38.	00.0	00.	00.0
26 11 81 5	-2.7	1.11	.35	1.4	16.	1.3	14.	1.3	29.	00.0	00.	00.0
26 11 81 6	-2.7	.83	.88	1.6	16.	1.5	14.	2.1	31.	00.0	00.	00.0
26 11 81 7	-3.2	.76	.91	1.1	14.	1.1	6.	2.5	31.	00.0	00.	00.0
26 11 81 8	-3.1	.73	.92	1.3	15.	1.8	1.	1.8	29.	00.0	00.	00.0
26 11 81 9	-2.9	.57	.93	1.1	1031.	2.1	1.	2.5	32.	00.0	00.	00.0
26 11 81 10	-1.8	.23	.90	1.9	32.	2.1	2.	2.5	32.	00.0	00.	00.0
26 11 81 11	-1.2	-.22	.83	1.5	33.	1.7	2.	2.5	32.	00.0	00.	00.0
26 11 81 12	-1.2	-.06	.82	1.0	31.	1.4	1.	1.4	31.	00.0	00.	00.0
26 11 81 13	-1.0	.39	.81	1.2	32.	1.1	2.	1.8	38.	00.0	00.	00.0
26 11 81 14	-.9	.43	.79	.8	35.	.9	2.	2.1	32.	00.0	00.	00.0
26 11 81 15	-1.8	.46	.86	1.3	34.	2.1	2.	2.1	32.	00.0	00.	00.0
26 11 81 16	-2.5	.40	.83	1.8	2.	2.4	2.	1.8	32.	00.0	00.	00.0
26 11 81 17	-2.4	.92	.80	1.3	36.	2.4	2.	2.5	31.	00.0	00.	00.0
26 11 81 18	-2.3	.35	.84	1.5	35.	1.9	2.	2.1	32.	00.0	00.	00.0
26 11 81 19	-2.1	.62	.81	1.5	34.	1.9	2.	2.5	31.	00.0	00.	00.0
26 11 81 20	-1.8	.29	.82	1.4	2.	3.0	1.	2.1	29.	00.0	00.	00.0
26 11 81 21	-1.1	.06	.87	2.0	5.	3.7	1.	3.9	17.	00.0	00.	00.0
26 11 81 22	-.9	.02	.91	1.2	4.	2.5	1.	3.2	31.	00.0	00.	00.0
26 11 81 23	-1.0	.02	.94	1.2	35.	3.0	2.	3.2	30.	00.0	00.	00.0
26 11 81 24	-1.2	-.05	.93	1.2	1.	2.6	1.	2.8	30.	00.0	00.	00.0



	T-SS	DT-SS	RH-SS	F-SS	D-SS	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
27 11 81 1	-1.4	.00	.92	1.0	0.	2.5	1.	2.5	00.	00.0	00.	00.0
27 11 81 2	-1.6	-.02	.93	1.1	1.	2.8	1.	3.2	00.	00.0	00.	00.0
27 11 81 3	-1.6	-.05	.91	1.4	5.	2.8	2.	2.8	00.	00.0	00.	00.0
27 11 81 4	-1.6	-.04	.91	1.8	4.	3.1	2.	2.5	00.	00.0	00.	00.0
27 11 81 5	-1.5	0.00	.92	1.2	7.	3.1	2.	2.8	00.	00.0	00.	00.0
27 11 81 6	-1.0	.01	.93	1.8	9.	3.3	2.	3.5	00.	00.0	00.	00.0
27 11 81 7	-.5	-.04	.93	3.7	10.	3.5	4.	4.2	00.	00.0	00.	00.0
27 11 81 8	-.0	-.02	.93	4.4	10.	4.6	6.	5.6	00.	00.0	00.	00.0
27 11 81 9	.0	-.02	.93	4.4	11.	3.8	6.	5.6	00.	00.0	00.	00.0
27 11 81 10	-.1	-.02	.93	4.3	11.	2.9	6.	4.6	00.	00.0	00.	00.0
27 11 81 11	-.1	-.08	.93	4.5	10.	4.3	6.	4.9	00.	2.6	13.	00.0
27 11 81 12	-.1	-.11	.92	4.0	9.	4.4	4.	5.3	00.	2.2	12.	00.0
27 11 81 13	.0	-.18	.91	4.6	9.	5.9	4.	3.9	00.	2.1	12.	00.0
27 11 81 14	.1	-.13	.91	4.0	8.	6.2	4.	3.9	00.	1.8	0.	00.0
27 11 81 15	.2	-.06	.90	4.3	7.	6.6	4.	4.9	00.	2.8	7.	00.0
27 11 81 16	.4	-.03	.90	4.3	6.	7.2	3.	5.6	00.	3.2	5.	00.0
27 11 81 17	.2	-.05	.92	4.3	1.	6.9	1.	6.7	00.	4.1	4.	00.0
27 11 81 18	-.2	-.06	.92	4.1	35.	5.9	31.	6.7	00.	5.0	1.	00.0
27 11 81 19	-.5	-.09	.90	.1	34.	3.3	32.	4.2	00.	4.8	2.	00.0
27 11 81 20	-.7	-.10	.85	.0	33.	2.1	32.	3.5	00.	3.5	36.	00.0
27 11 81 21	-1.0	-.08	.82	.0	33.	2.1	28.	3.5	00.	2.6	1.	00.0
27 11 81 22	-1.5	-.01	.84	.0	34.	1.6	32.	3.2	00.	2.4	36.	00.0
27 11 81 23	-2.2	.13	.86	.0	35.	1.7	2.	3.2	00.	1.8	3.	00.0
27 11 81 24	-2.5	.14	.86	.0	35.	2.1	2.	3.2	00.	1.9	3.	00.0
28 11 81 1	-2.3	-.05	.85	.0	3.	3.1	2.	2.8	00.	2.2	6.	00.0
28 11 81 2	-2.2	-.05	.81	.0	34.	1.7	1.	2.5	00.	1.6	6.	00.0
28 11 81 3	-2.2	-.09	.86	.0	34.	1.8	26.	2.8	00.	1.4	36.	00.0
28 11 81 4	-2.5	-.10	.90	.0	2.	2.1	2.	2.1	00.	.8	00.	00.0
28 11 81 5	-2.5	-.06	.90	.0	1.	2.1	3.	2.1	00.	00.0	00.	00.0
28 11 81 6	-2.4	-.06	.89	.1	35.	1.8	1.	3.2	00.	00.0	00.	00.0
28 11 81 7	-2.4	-.07	.92	.0	35.	1.6	1.	3.2	00.	00.0	00.	00.0
28 11 81 8	-2.2	-.06	.91	.0	35.	2.1	2.	3.2	00.	00.0	00.	00.0
28 11 81 9	-2.0	-.05	.91	.0	35.	2.1	2.	2.8	00.	00.0	00.	00.0
28 11 81 10	-1.5	-.16	.89	.0	33.	1.1	2.	2.8	00.	00.0	00.	00.0
28 11 81 11	-1.0	-.29	.86	.0	34.	1.1	3.	2.1	00.	00.0	00.	00.0
28 11 81 12	-.7	-.28	.84	.0	35.	.8	4.	2.1	00.	00.0	00.	00.0
28 11 81 13	-.8	-.22	.85	.0	1.	1.6	3.	2.5	00.	00.0	00.	00.0
28 11 81 14	-.7	-.13	.86	.0	3.	1.9	2.	1.4	00.	00.0	00.	00.0
28 11 81 15	-1.0	-.09	.87	.0	8.	1.3	2.	1.4	30.	00.0	00.	00.0
28 11 81 16	-1.3	-.04	.89	.0	12.	1.4	8.	3.5	00.	00.0	00.	00.0
28 11 81 17	-1.4	-.06	.89	.0	10.	1.4	8.	2.8	00.	1.5	9.	00.0
28 11 81 18	-1.6	-.09	.92	.0	6.	2.2	2.	3.5	00.	2.1	3.	00.0
28 11 81 19	-1.8	-.08	.92	.0	4.	4.0	2.	4.9	00.	3.2	2.	00.0
28 11 81 20	-1.9	-.06	.90	.0	2.	5.4	1.	4.2	00.	3.5	2.	00.0
28 11 81 21	-1.8	-.05	.90	.0	1.	3.8	1.	3.5	00.	3.0	36.	00.0
28 11 81 22	-1.7	-.03	.98	.1	0.	3.1	1.	4.6	00.	3.0	34.	00.0
28 11 81 23	-1.4	-.03	.98	.0	1.	2.3	1.	4.2	00.	3.6	35.	00.0
28 11 81 24	-1.4	-.05	.90	.0	36.	2.4	2.	3.9	00.	3.0	2.	00.0
29 11 81 1	-1.3	-.03	.90	.0	1.	2.1	2.	2.8	00.	1.9	2.	00.0
29 11 81 2	-1.4	.08	.89	.0	35.	1.3	3.	2.8	31.	1.8	2.	00.0
29 11 81 3	-1.5	.05	.89	.0	35.	1.6	2.	2.8	32.	1.2	2.	00.0
29 11 81 4	-1.4	.01	.98	.1	36.	1.9	2.	3.2	32.	1.3	3.	00.0
29 11 81 5	-1.8	.16	.98	.0	36.	1.8	1.	2.8	31.	2.0	00.	00.0
29 11 81 6	-2.2	.24	.89	.0	34.	1.5	2.	2.5	31.	1.6	2.	00.0
29 11 81 7	-1.7	.11	.89	.0	34.	2.1	2.	2.8	31.	1.5	2.	00.0
29 11 81 8	-1.8	.12	.89	.1	35.	1.5	2.	2.5	31.	1.8	00.	00.0
29 11 81 9	-2.0	.19	.90	.0	34.	1.8	1.	3.2	31.	2.0	00.	00.0
29 11 81 10	-.9	-.09	.86	.0	34.	1.7	2.	2.8	32.	1.7	00.	00.0
29 11 81 11	-.6	-.22	.87	.0	35.	2.1	2.	3.2	32.	2.2	00.	00.0
29 11 81 12	-.3	-.25	.87	.1	36.	2.1	2.	3.5	33.	2.5	00.	00.0
29 11 81 13	-.4	-.19	.88	.0	34.	1.5	1.	3.5	32.	2.3	2.	00.0
29 11 81 14	-.7	-.13	.91	.0	35.	1.6	2.	3.5	32.	2.6	3.	00.0
29 11 81 15	-.8	-.09	.93	.0	36.	1.7	1.	3.2	31.	2.4	2.	00.0
29 11 81 16	-.8	-.06	.94	.0	0.	1.5	2.	3.2	31.	2.4	00.	00.0
29 11 81 17	-.8	-.06	.94	.0	35.	1.7	1.	3.5	32.	2.6	00.	00.0
29 11 81 18	-.9	-.09	.94	.0	36.	2.8	36.	3.9	32.	3.0	2.	00.0
29 11 81 19	-1.0	-.08	.94	.0	36.	3.1	1.	4.6	33.	2.2	00.	00.0
29 11 81 20	-1.1	-.09	.93	.1	0.	3.6	1.	4.6	33.	2.0	00.	00.0
29 11 81 21	-1.3	-.09	.93	.0	36.	3.7	1.	5.3	33.	2.5	00.	00.0
29 11 81 22	-1.4	-.08	.91	.0	1.	3.9	1.	4.9	33.	2.6	00.	00.0
29 11 81 23	-1.4	-.04	.89	.0	2.	3.1	1.	4.6	33.	3.2	00.	00.0
29 11 81 24	-1.5	-.03	.88	.0	2.	3.5	1.	3.9	33.	4.9	5.	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	
30	11	81	1	-1.8	-.03	.89	.0	1.	3.4	1.	3.0	33.	3.2	3.	00.0
30	11	81	2	-2.0	-.02	.91	.0	2.	4.1	1.	4.2	33.	3.5	4.	00.0
30	11	81	3	-2.1	-.03	.90	.0	3.	4.5	2.	3.9	32.	4.0	3.	00.0
30	11	81	4	-2.2	-.03	.90	.0	2.	4.3	1.	3.5	32.	4.5	4.	00.0
30	11	81	5	-2.0	-.06	.88	.0	3.	6.4	1.	7.7	09.	5.4	5.	00.0
30	11	81	6	-2.0	-.05	.88	.0	4.	8.2	1.	8.1	09.	6.0	09.	00.0
30	11	81	7	-2.0	-.05	.88	.0	4.	6.9	1.	7.4	09.	7.1	09.	00.0
30	11	81	8	-1.9	-.05	.87	.0	4.	7.2	2.	9.1	09.	7.3	09.	00.0
30	11	81	9	-1.9	-.05	.87	.0	4.	6.9	2.	8.4	09.	7.5	09.	00.0
30	11	81	10	-1.8	-.05	.86	.0	4.	6.4	2.	8.1	09.	7.6	09.	00.0
30	11	81	11	-1.6	-.07	.86	.0	4.	6.4	2.	7.0	09.	7.2	09.	.8
30	11	81	12	-1.3	-.10	.83	.0	5.	6.6	3.	8.4	09.	7.5	09.	.6
30	11	81	13	-1.2	-.11	.81	.0	3.	6.4	2.	6.7	09.	6.7	09.	.1
30	11	81	14	-1.4	-.07	.80	.0	2.	6.7	1.	5.6	18.	6.0	3.	0.0
30	11	81	15	-1.5	-.02	.78	.0	1.	5.6	1.	6.3	27.	5.8	4.	0.0
30	11	81	16	-1.7	-.01	.76	.0	1.	7.2	1.	7.4	27.	5.6	4.	0.0
30	11	81	17	-1.8	.03	.74	.0	1.	5.9	1.	7.0	32.	4.8	3.	0.0
30	11	81	18	-2.2	.03	.73	.0	36.	6.2	36.	9.8	33.	4.5	2.	0.0
30	11	81	19	-2.7	.08	.71	.0	36.	6.9	36.	7.7	34.	5.0	3.	0.0
30	11	81	20	-2.9	.07	.68	.0	36.	5.4	36.	9.8	34.	5.0	3.	0.0
30	11	81	21	-2.9	.08	.64	.0	36.	6.2	36.	9.8	34.	5.2	3.	0.0
30	11	81	22	-3.2	.13	.62	.0	0.	5.9	36.	11.2	27.	5.5	4.	0.0
30	11	81	23	-3.4	.11	.61	.0	36.	5.4	36.	10.5	18.	5.8	4.	0.0
30	11	81	24	-3.4	.14	.59	.0	36.	5.9	36.	8.8	19.	6.0	36.	0.0



# NORSK INSTITUTT FOR LUFTFORSKNING

(NORGES TEKNISK-NATURVITENSKAPELIGE FORSKNINGSRÅD)  
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TITTEL Meteorologiske data fra nedre Telemark høsten 1981.		PROSJEKTLEDER B.Sivertsen
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OPPDRAKSGIVER Norsk Hydro, Rafnes, Porsgrunn Fabrikker, SFT Kontrollseksjonen		
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Må bestilles gjennom oppdragsgiver                   B  
Kan ikke utleveres   C