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METEOROLOGISKE DATA FRA
NEDRE TELEMARK, VÅREN 1981
AV
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METEOROLOGISKE DATA FRA
NEDRE TELEMAR, VÅREN 1981

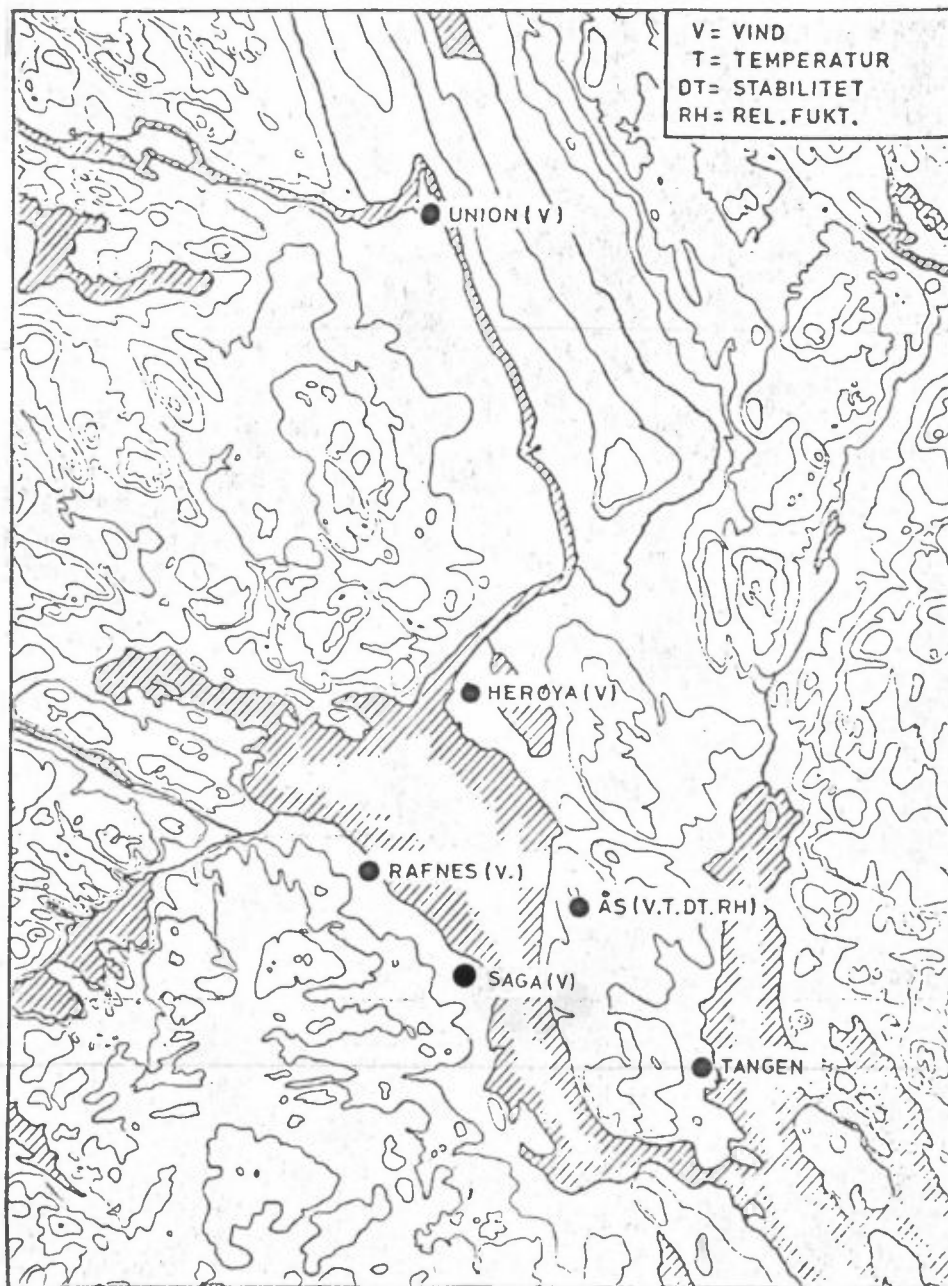
1 INNLEDNING

Denne presentasjonen av meteorologiske data fra nedre Telemark i perioden 1.3.81-31.5.81 (vår), er et ledd i det koordinerte måleprogram av meteorologi og spredningsforsøk 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, STASJONSPASSERING

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.
- Union, Skien : Vindskriver av type Lambrecht nach Woelfle, hvor det leses av timesverdier av vindretning og vindstyrke. Måleren er plassert på en 10 m mast på toppen av en bygning, ca 40 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 fra Ås for perioden var følgende:

- 97% for vindhastighet og relativ fuktighet,
- 96% for temperatur og temperaturdifferens,
- 92% for vindretning.

Ved Herøya var datatilgjengeligheten 99% for både vindhastighet og vindretning.

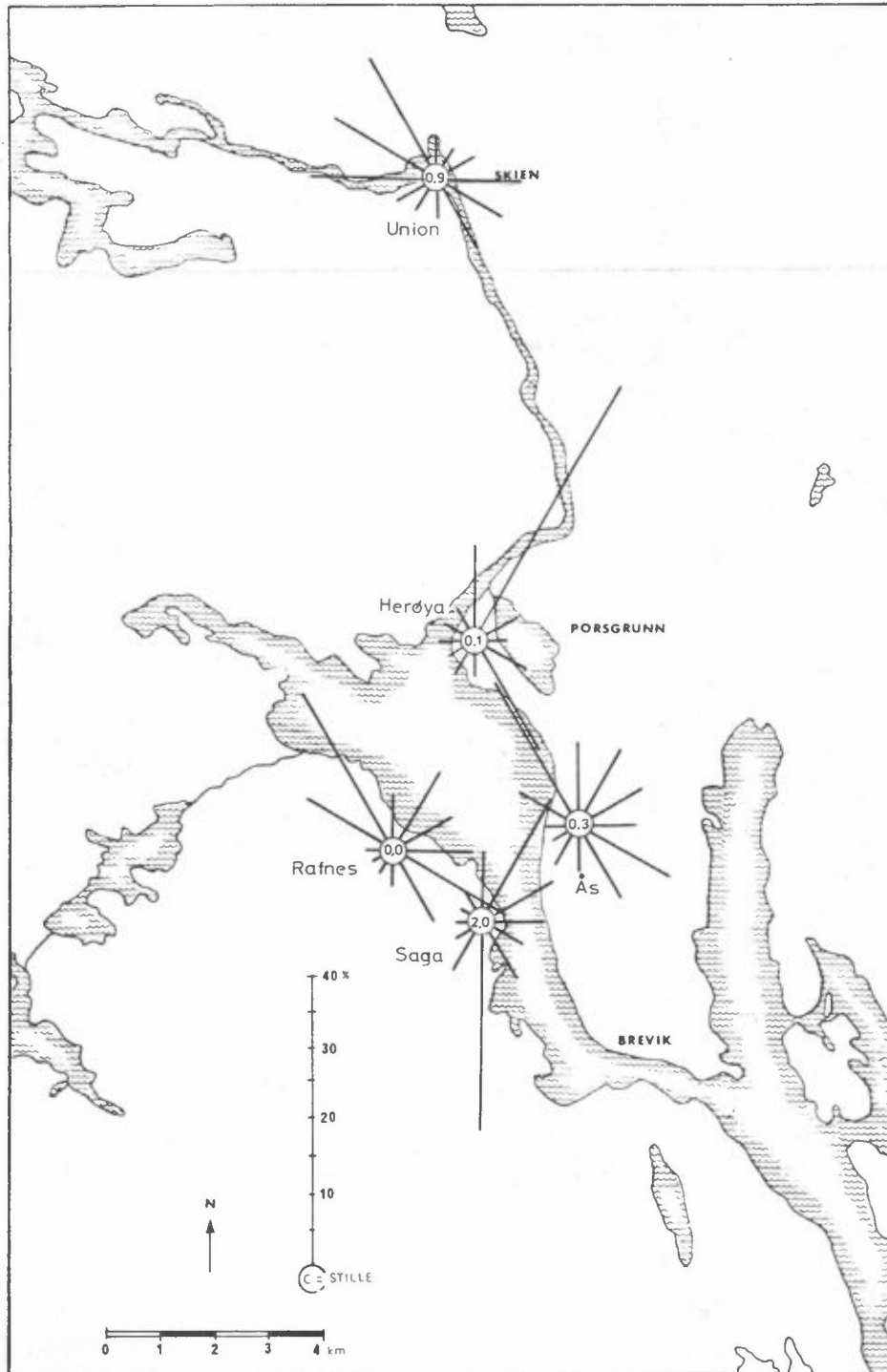
Ved Union Skien sto stasjonen fra 29.4.81-5.5.81 og 14.5.81-31.5.81. Dette førte til at datatilgjengeligheten kun er 75% for vindhastighet og 74% for vindretning.

Ved Rafnes var datatilgjengeligheten 99% for vindhastighet og 88% for vindretning.

Ved Saga startet målingene 23.3.81. Stasjonen sto fra 6.5.81 - 31.5.81, slik at datatilgjengeligheten kun er 35% for vindhastighet og 18% for vindretning. Vindskriveren har i den første tiden vært beheftet med en del feil også i de periodene hvor det foreligger data. Vindhastighetsavlesningene er også meget usikre på lave vindhastigheter ($< \approx 2$ m/s).

4 VINDFORHOLDENE

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



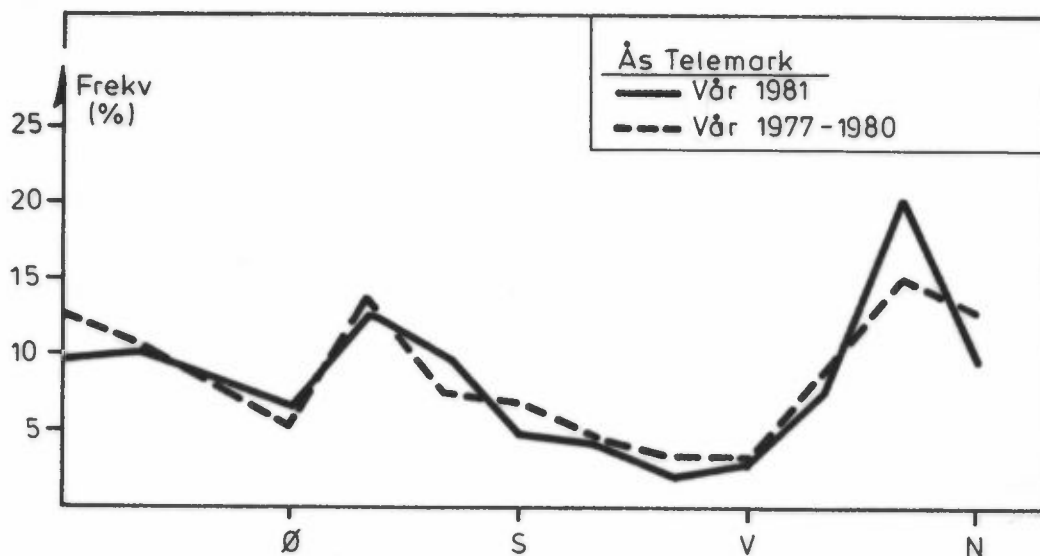
Figur 2: Vindroser (frekvens av vind i % i 12 sektorer) fra nedre Telemark for perioden 1.3.81-31.5.81.

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

Det blåste ofte fra nord-nordvest og øst-sørøst ved Ås i denne perioden. Fordelingen på andre vindretninger, særlig fra nord og nordøst var også god. Ved Rafnes var vinden oftest fra nord-nordvest og øst-sørøst. Men det blåste også ofte fra retningen omkring nordøst ($NØ \pm 45^\circ$). Ved Union resulterte fralandsvind om natta i at det blåste oftest i sektorene fra vest til nord-nordvest ($VNV \pm 45^\circ$). Den lokale kanalisering ved Herøya førte som vanlig til at det her blåste oftest fra nord-nordøst og nord i perioden. Ved Saga blåste det oftest fra sør og nord-nordøst, men perioden her var kortere enn ved de andre stasjonene, som nevnt i kapittel 3.

Som vanlig var middelvindstyrken størst ved Rafnes; 3.6 m/s og minst ved Union; 2.2 m/s. Dette skyldes bl.a. ruheten i området omkring målestasjonene. På oppvindsiden av vanligste vindretning ved Union er ruheten større enn ved Rafnes. Både ved Ås og ved Herøya var middelvindstyrken 2.9 m/s. Middelvindstyrken i området stemmer godt med det som ble målt våren 1980.

I figur 3 har en sammenstilt frekvensfordelingen av forskjellige vindretninger våren 1981 med vårsesongene 1977-80 fra Ås.

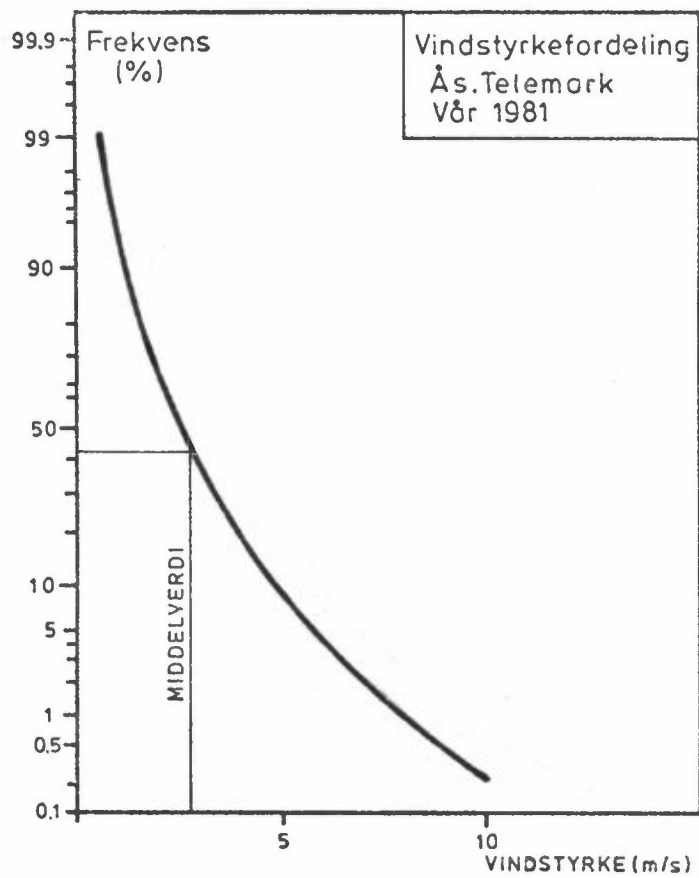


Figur 3: Frekvensfordeling av vindretninger (i 30°-sektorer) ved Ås for våren 1981, sammenholdt med middelfordeling for vårsesongene 1977-80 ved Ås.

Figur 3 viser at det våren 1981 blåste noe oftere i sektoren fra nord-nordvest og sjeldnere fra nordlig kant enn hva som var tilfelle i vårsesongene 1977-1980. Forøvrig var vindfordelingen nær normal for våren.

Figur 4 viser vindstyrkefordelingen ved Ås.

Vindstyrker over 6 m/s ved Ås forekom i 5.0% av tiden, mens vind sterkere enn 10 m/s forekom i 0.2% av tiden våren 1981. Svake vinder, mindre enn 2 m/s forekom i 33% av tiden, som er noe mer enn normalt for vårsesongene. I gjennomsnitt blåste det svakest fra vest-sørvest. På Saga var det registrert 2% vindstille. Dette er mer enn på de øvrige stasjonene i området, men kan vesentlig skyldes unøyaktighet i avlesning av svake vinder.



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

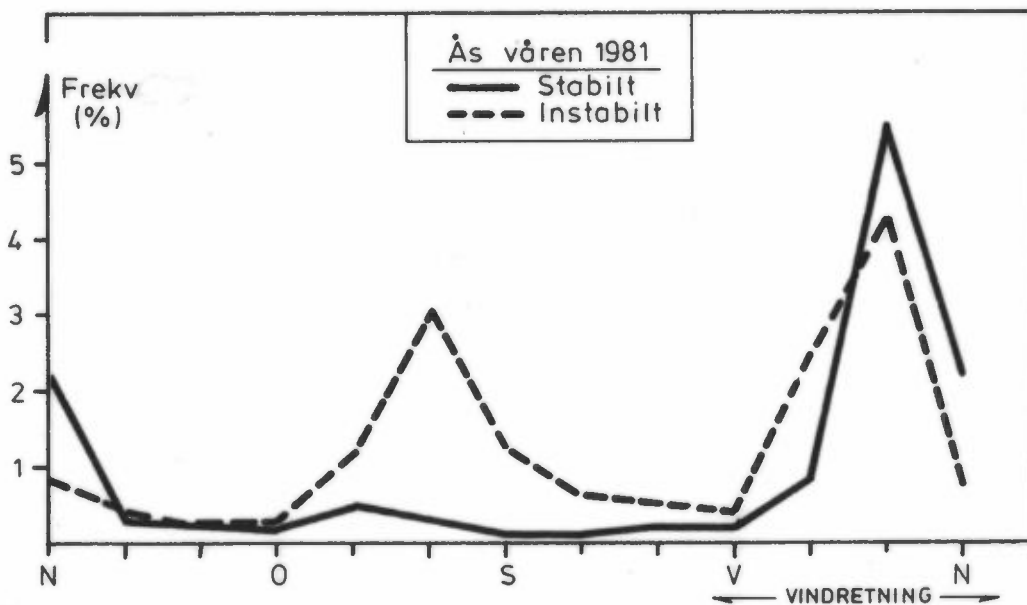
5 STABILITETSFORHOLDENE

Stabilitetsforholdene i fire klasser er fordelt over døgnet i tabell 6, basert på temperaturdifferansen 25-10 m på Ås. Våren 1981 var det 11% stabil, 30% lett stabil, 44% nøytral og 15% instabil temperatursjikting. Dette stemmer godt med det som er målt tidligere vårsesonger.

6 FREKVENS 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 sjikting (inversjoner) og utstabil sjikting som funksjon av vindretningen.



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

Figur 5 viser at stabile tilfeller våren 1981 oftest forekom ved vind fra nord-nordvest på Ås. Dette representerer vanligvis de stabile nattsituasjonene. Instabil sjikting forekom derimot på dagtid ved vind fra omkring sør-sørøst. Tabell 7 viser at de fleste instabile tilfellene forekom ved vindhastigheter på 2-4 m/s.

7 TEMPERATUR VED ÅS

Tabell 8 viser månedsvis temperatur-statistikk for Ås i perioden 1.3.81-31.5.81. Middelttemperaturen for mars var -0.9°C , april 4.7°C og for mai 11.2°C . Disse temperaturene ligger nær opp til det normale for området. Den høyeste temperaturen ble målt den 11.5.81, kl 17 til 25.0°C , den laveste temperaturen ble målt den 3.3.81, kl 07 til -11.3°C .

8 RELATIV FUKTIGHET VED ÅS

Tabell 9 viser en statistisk fordeling av den relative fuktigheten ved Ås for våren 1981. Månedsmiddelerdiene viser relativ fuktighet på 77% i mars, 60% i april og 73% i mai. Av observasjonene for våren 1981 lå ca 14% over 95% relativ fuktighet. April synes å ha vært en del tørrere enn tilsvarende måneder de tre siste årene. Mot slutten av vårsesongen får vi en klar døgnlig variasjon i relativ fuktighet. I mai var midlere relative fuktighet 61% kl 16, mens den kl 04 var 87%.

9 NEDBØR

Det måles nedbør ved en av NILUs målestasjoner i nedre Telemark, Tangen ved Brevik. Kontinuerlige nedbørmålinger er igangsatt her og vil bli rapportert sammen med nedbørmengder fra Meteorologisk institutts klimastasjon ved Jomfruland (hvor det også er etablert en 30-års normal som en kan sammenlikne med). Månedsnedbøren er gitt i tabell 16 nedenfor, mens registreringene fra den kontinuerlige prøvetakeren ved Brevik også er tabulert i tabell 15.

Tabell 16: Månedsvise nedbørmengder.

	Tangen Brevik (mm)	Jomfruland	
		(mm)	% av normal
Mars 1981	62.7	83	208
April 1981	6.5	5	11
Mai 1981	88.4	83	180

Mars og mai måned 1981 hadde omtrent dobbelt så mye nedbør som normalt, mens april måned var meget tørr. Det falt kun 6.5 mm nedbør ved Tangen i løpet av 10 timer. I mars var det nedbør i 117 timer (over 14 døgn), i april regnet det i 10 timer (over 2 døgn) og i mai regnet det i 75 timer (fordelt over 14 døgn).

10 TABELLER

- Tabell 1: Vindfrekvenser (vindrose) fra Ås 1.3.81-31.5.81.
- Tabell 2: Vindfrekvenser fra Union Skien 1.3.81-31.5.81.
- Tabell 3: Vindfrekvenser fra Herøya 1.3.81-31.5.81.
- Tabell 4: Vindfrekvenser fra Saga 1.3.81-31.5.81.
- Tabell 5: Vindfrekvenser fra Rafnes 1.3.81-31.5.81.
- Tabell 6: Fire klasser av stabiliteter fordelt over døgnet basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås 1.3.81-31.5.81.
- 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 1.3.81-31.5.81.
- Tabell 8: Månedsvise temperaturstatistikk fra Ås for mars, april og mai 1981: middel-, maksimum- og minimumstemperaturer, antall observasjoner og temperatur under gitte grenser, samt midlere døgnfordeling av temperatur.
- Tabell 9: Månedsvise relativ fuktighets-statistikk fra Ås for mars, april og mai 1981. Middel-, maksimum og minimumsverdier, antall observasjoner av relativ fuktighet under gitte grenser, samt midlere døgnfordeling.
- Tabell 10: Vindfrekvenser fra Ås for mars 1981.
- Tabell 11: Vindfrekvenser fra Ås for 1981.
- Tabell 12: Vindfrekvenser fra Ås for mai 1981.
- Tabell 13: Månedsvise stabilitetsfrekvens (i fire klasser) fordelt over døgnet, basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås: a) mars 1981, b) april 1981, c) mai 1981.
- Tabell 14: Frekvens (i %) av vind og stabilitet fra Ås (klassifisering som tabell 6) i
a) mars 1981, b) april 1981, c) mai 1981.
- Tabell 15: Nedbørmålinger fra Tangen, Brevik i
a) mars 1981, b) april 1981, c) mai 1981.

Tabell 1

VINDROSE FRA AS												
1/ 3-81 - 31/ 5-81												
SEKTOR	VINDROSE KL.										DØGN	
	1	4	7	10	13	16	19	22				
20- 40	11.6	4.7	15.1	14.1	11.6	12.9	8.4	7.1	10.4			
50- 70	8.1	2.3	10.5	9.4	7.0	5.9	6.0	13.1	8.6			
80-100	7.0	8.1	4.7	5.9	7.0	7.1	6.0	6.0	6.6			
110-130	8.1	7.0	2.3	9.4	17.4	21.2	24.1	14.3	12.7			
140-160	4.7	2.3	1.2	4.7	16.3	23.5	15.7	10.7	9.9			
170-190	1.2	0.0	1.2	4.7	8.1	8.2	13.3	3.6	4.6			
200-220	3.5	2.3	4.7	3.5	2.3	4.7	4.8	2.4	4.1			
230-250	3.5	2.3	0.0	3.5	2.3	1.2	1.2	1.2	2.1			
260-280	1.2	3.5	4.7	4.7	2.3	2.4	3.6	2.4	2.9			
290-310	2.3	11.6	5.8	8.2	7.0	5.9	3.6	8.3	7.5			
320-340	29.1	33.7	33.7	25.9	12.8	3.5	7.2	15.5	20.5			
350- 10	11.6	15.1	16.3	4.7	5.8	3.5	6.0	14.3	9.8			
STILLE	1.2	0.0	0.0	1.2	0.0	0.0	0.0	1.2	.3			
ANT. OBS.	86	86	86	85	86	85	83	84	2040			
MIDL. VIND	2.7	2.8	2.6	2.7	3.1	3.6	2.9	2.6	2.9			
VINDANALYSE												
DAGNMTIDF	30	60	90	120	150	180	210	240	270	300	330	360TOTAL
STILLE												.3
3- 2.0 M/S	2.7	2.4	2.2	4.9	3.7	1.6	1.8	1.5	1.1	2.5	5.8	3.1 33.1
2.1- 4.0 M/S	5.0	4.6	2.2	6.6	5.1	2.3	1.9	.4	.9	3.5	10.3	5.2 48.7
4.1- 6.0 M/S	2.3	1.4	1.0	.9	.9	.7	.4	.2	.6	.9	2.4	1.2 12.7
OVER 6.0 M/S	.4	.2	.5	.3	.1	0.0	.0	.0	.4	.7	2.0	.3 5.0
TOTAL	10.4	8.6	6.6	12.7	9.9	4.6	4.1	2.1	2.9	7.5	20.5	9.8100.0
MIDL. VIND M/S	3.2	2.9	3.0	2.5	2.6	2.6	2.4	2.2	3.2	3.1	3.2	2.9 2.9
ANT. OBS.	213	175	134	259	201	93	83	43	60	154	418	200 2040
MIDLRE VINDSTYRKE FOR HELE DATASETTET ER 2.9 M/S, BASERT PÅ 2151 OBSERVASJONER												

Tabell 2

VINDROSE FRA UNION SKIEN													
1/ 3-81 - 31/ 5-81 FRA TAPE 2													
VINDROSE KL.													
SEKTOR	1	4	7	10	13	16	19	22	DØGN				
20- 40	2.9	2.9	2.9	1.5	0.0	2.9	1.5	3.0	3.0				
50- 70	1.4	5.8	4.4	5.9	1.5	5.8	6.0	4.5	4.3				
80-100	5.8	8.7	5.9	17.6	17.6	10.1	14.9	12.1	11.2				
110-130	2.9	1.4	4.4	10.3	8.8	15.9	14.9	3.0	8.7				
140-160	2.9	2.9	4.4	2.9	14.7	23.2	25.4	4.5	9.2				
170-190	5.8	2.9	2.9	4.4	7.4	11.6	1.5	1.5	4.0				
200-220	0.0	0.0	2.9	7.4	2.9	5.8	1.5	3.0	3.0				
230-250	5.8	4.3	2.9	4.4	8.8	1.4	3.0	3.0	3.9				
260-280	18.8	15.9	14.7	20.6	23.5	5.8	10.4	9.1	16.0				
290-310	26.1	18.8	23.5	14.7	2.9	4.3	4.5	21.2	14.3				
320-340	24.6	33.3	22.1	7.4	4.4	8.7	13.4	23.8	17.6				
350- 10	1.4	2.9	7.4	2.9	7.4	4.3	3.0	3.0	4.0				
STILLE	1.4	0.0	1.5	0.0	0.0	0.0	0.0	3.0	.9				
ANT. OBS.	69	69	68	68	68	69	67	66	1635				
MIDL. VIND	1.5	1.5	1.7	2.4	3.2	3.4	2.7	1.7	2.3				
VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.9
3- 2.0 M/S	1.0	1.3	5.1	4.5	3.9	1.8	1.8	3.1	11.2	10.3	11.3	.9	56.3
2.1- 4.0 M/S	1.5	2.3	3.4	3.7	3.4	1.7	.7	.6	3.4	2.4	3.1	2.5	28.6
4.1- 6.0 M/S	.4	.6	1.8	.6	1.5	.5	.6	.2	.9	.8	1.1	.4	9.4
OVER 6.0 M/S	0.0	.1	.9	0.0	.5	0.0	0.0	0.0	.6	.7	2.0	.1	4.9
TOTAL	3.0	4.3	11.2	8.7	9.2	4.0	3.0	3.9	16.0	14.3	17.6	4.0	100.0
MIDL. VIND M/S	2.7	2.7	2.8	2.1	2.7	2.3	2.1	1.4	1.8	1.9	2.3	3.0	2.3
ANT. OBS.	49	70	183	142	151	66	49	63	261	234	287	65	1635
MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.2 M/S, BASERT PÅ 1647 OBSERVASJONER													
1	3	1	0	3	2.00	4.00	6.00	0.00	0.00	0.00	.20		
		12	1	1	0	0	0	0.00					

Tabell 3

VINDROSE FRA HERØYA													
1/ 3-81 - 31/ 5-81 FRA TAPE 2													
VINDROSE KL.													
SEKTOR	1	4	7	10	13	16	19	22	DØGN				
20- 40	52.2	48.9	57.8	42.9	23.1	15.4	20.9	51.6	38.8				
50- 70	7.8	2.2	1.1	1.1	4.4	4.4	3.3	2.2	4.9				
80-100	0.0	3.3	3.3	6.6	3.3	3.3	4.4	3.3	2.8				
110-130	1.1	3.3	2.2	7.7	7.7	12.1	14.3	3.3	6.4				
140-160	8.9	4.4	4.4	12.1	18.7	30.8	29.7	17.6	16.0				
170-190	2.2	1.1	0.0	1.1	12.1	6.6	3.3	4.4	3.7				
200-220	2.2	1.1	1.1	7.7	7.7	3.3	6.6	0.0	3.5				
230-250	0.0	4.4	1.1	3.3	7.7	3.3	3.3	2.2	2.7				
260-280	5.6	3.3	5.6	3.3	1.1	4.4	3.3	3.3	3.6				
290-310	2.2	1.1	4.4	4.4	5.5	5.5	1.1	1.1	2.8				
320-340	4.4	0.0	0.0	0.0	2.2	2.2	4.4	5.5	3.3				
350- 10	13.3	25.7	18.9	9.9	6.6	8.8	5.5	4.4	11.5				
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	.1				
ANT. OBS.	90	90	90	91	91	91	91	91	2175				
MIDL. VIND	2.4	2.5	2.8	3.0	3.6	3.5	2.8	2.5	2.9				
VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.1
3- 2.0 M/S	15.7	2.0	1.8	4.0	7.9	1.0	1.6	.9	1.0	.2	.4	2.7	39.2
2.1- 4.0 M/S	13.4	1.3	.8	2.3	7.1	2.5	1.8	1.2	1.7	.7	1.2	5.6	39.5
4.1- 6.0 M/S	6.0	.9	.2	.1	.9	.3	.1	.4	.7	.8	1.1	2.2	13.6
OVER 6.0 M/S	3.7	.6	0.0	.0	.2	0.0	.0	.2	.3	.9	.6	1.1	7.6
TOTAL	38.8	4.9	2.8	6.4	16.0	3.7	3.5	2.7	3.6	2.6	3.3	11.5	100.0
MIDL. VIND M/S	3.0	3.0	1.8	1.9	2.3	2.7	2.2	3.1	3.3	4.7	4.2	3.3	2.9
ANT. OBS.	843	106	60	140	349	81	77	59	79	57	71	251	2175
MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.9 M/S, BASERT PÅ 2175 OBSERVASJONER													
1	3	1	0	3	2.00	4.00	6.00	0.00	0.00	0.00	.20		
		12	1	1	0	0	0	0.00					

Tabell 4

VINDROSE FRA SAGA													
1/ 3-81 - 31/ 5-81 FRA TAPE 2													
VINDROSE KL.													
SEKTOR	1	4	7	10	13	16	19	22	DØGN				
20- 40	41.2	33.3	33.3	18.8	5.3	5.0	19.0	18.8	18.9				
50- 70	5.9	13.3	13.3	18.8	15.8	5.0	4.8	0.0	9.1				
80-100	5.9	0.0	20.0	18.8	10.5	5.0	0.0	6.3	6.8				
110-130	5.9	0.0	0.0	12.5	15.8	0.0	0.0	6.3	4.5				
140-160	5.9	6.7	0.0	6.3	5.3	15.0	9.5	6.3	7.6				
170-190	5.9	13.3	13.3	12.5	47.4	55.0	38.1	31.3	27.5				
200-220	5.9	6.7	0.0	6.3	0.0	0.0	9.5	12.5	6.1				
230-250	0.0	0.0	0.0	0.0	0.0	10.0	9.5	6.3	2.8				
260-280	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	1.8				
290-310	0.0	0.0	0.0	0.0	0.0	5.0	0.0	6.3	1.5				
320-340	17.6	6.7	0.0	0.0	0.0	0.0	0.0	6.3	3.3				
350- 10	0.0	13.3	20.0	6.3	0.0	0.0	0.0	0.0	8.1				
STILLE	5.9	6.7	0.0	0.0	0.0	0.0	4.8	0.0	2.0				
ANT. OBS.	17	15	15	16	19	20	21	16	396				
MIDL. VIND	2.1	2.1	2.7	2.7	3.4	3.3	2.5	2.2	2.7				
VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													2.0
3- 2.0 M/S	7.6	3.0	3.8	1.8	2.8	5.6	2.0	1.0	0.0	.5	1.8	5.8	35.6
2.1- 4.0 M/S	6.3	2.0	3.0	2.8	4.8	16.7	4.0	1.5	1.5	.8	1.5	2.3	47.2
4.1- 6.0 M/S	4.8	1.8	0.0	0.0	0.0	5.3	0.0	.3	.3	.3	0.0	0.0	12.6
OVER 6.0 M/S	.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
TOTAL	18.9	9.1	6.8	4.5	7.6	27.5	6.1	2.8	1.8	1.5	3.3	8.1	1100.0
MIDL. VIND M/S	3.0	3.8	1.9	2.2	2.3	3.1	2.4	2.4	2.7	2.6	1.9	1.8	2.7
ANT. OBS.	75	36	27	18	30	109	24	11	7	6	13	32	396
MIDLERE VINDSTYRKE FOR HELE DATASETET ER 3.2 M/S, BASERT PÅ 773 OBSERVASJONER													
1	3	1	0	3	2.00	4.00	6.00	0.00	0.00	0.00	20		
RAFNES		12	1	1	0	0	0	0.00					

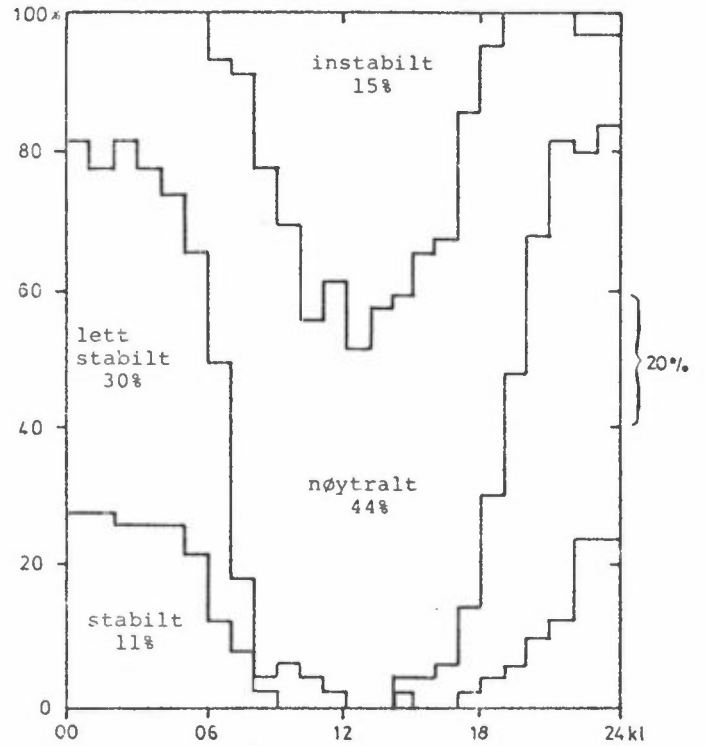
Tabell 5

VINDROSE FRA RAFNES													
1/ 3-81 - 31/ 5-81 FRA TAPE 3													
VINDROSE KL.													
SEKTOR	1	4	7	10	13	16	19	22	DØGN				
20- 40	7.8	5.1	16.9	15.3	12.2	8.2	5.0	6.3	10.2				
50- 70	5.2	6.4	5.2	12.9	4.9	8.2	5.0	10.1	7.4				
80-100	11.7	7.7	7.8	14.1	17.1	7.1	5.0	3.8	8.8				
110-130	1.3	6.4	3.9	24.7	32.9	27.1	21.3	10.1	15.8				
140-160	3.9	1.3	1.3	2.4	14.6	22.4	13.8	12.7	9.4				
170-190	1.3	0.0	0.0	0.0	0.0	7.1	10.0	5.1	3.2				
200-220	2.6	1.3	1.3	0.0	2.4	0.0	7.5	1.3	1.9				
230-250	0.0	0.0	0.0	2.4	1.2	1.2	2.5	0.0	1.2				
260-280	1.3	1.3	1.3	1.2	1.2	2.4	2.5	3.8	1.7				
290-310	16.9	28.2	10.4	3.5	1.2	4.7	7.5	22.8	11.7				
320-340	45.5	37.2	42.9	16.5	9.8	8.2	13.8	19.0	23.4				
350- 10	2.6	5.1	9.1	7.1	2.4	3.5	6.3	5.1	5.3				
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
ANT. OBS.	77	78	77	85	82	85	80	79	1942				
MIDL. VIND	2.9	3.0	3.4	3.5	4.8	5.0	4.0	3.0	3.7				
VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													0.0
3- 2.0 M/S	1.0	1.8	3.1	3.7	1.7	.6	.6	.2	.3	1.0	4.1	1.6	19.6
2.1- 4.0 M/S	2.7	2.5	3.0	6.1	2.6	1.8	1.0	.6	1.0	2.2	13.4	1.9	45.7
4.1- 6.0 M/S	3.8	2.7	1.8	4.0	3.1	.7	.3	.4	.5	1.0	2.7	1.2	22.2
OVER 6.0 M/S	2.8	.4	.9	2.0	2.0	.2	0.0	.1	0.0	.5	3.1	.6	12.4
TOTAL	10.2	7.4	8.8	15.8	9.4	3.2	1.9	1.2	1.7	11.7	23.4	5.3	3100.0
MIDL. VIND M/S	4.9	3.6	3.3	3.7	4.3	3.3	2.8	3.5	3.3	3.1	3.6	3.3	3.7
ANT. OBS.	199	144	171	306	183	63	36	24	33	227	454	102	1942
MIDLERE VINDSTYRKE FOR HELE DATASETET ER 3.6 M/S, BASERT PÅ 2177 OBSERVASJONER													

Tabell 6

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

$\Delta T(25-10)$ m Ås
1.3.81-31.5.81



FREKVENNS AV FØRSKJELLIGE STABILITETER

VÅREN 1981

	GRUPPE 1 X=(< - . 5)	GRUPPE 2 X=(- . 5-<0. 0)	GRUPPE 3 X=(0. 0-< . 5)	GRUPPE 4 X=(. 5->)
1	0.00	17.78	53.33	28.89
2	0.00	22.22	48.89	28.89
3	0.00	18.68	56.04	25.27
4	0.00	22.47	51.69	25.84
5	0.00	25.56	48.89	25.56
6	0.00	33.71	43.82	22.47
7	5.49	43.96	38.46	12.09
8	8.89	72.22	11.11	7.78
9	22.73	72.73	3.41	1.14
10	29.55	64.77	5.68	0.00
11	43.82	52.81	3.37	0.00
12	38.64	59.09	2.27	0.00
13	47.73	52.27	0.00	0.00
14	41.86	58.14	0.00	0.00
15	40.91	55.68	2.27	1.14
16	33.33	63.22	3.45	0.00
17	32.58	60.67	6.74	0.00
18	14.94	70.11	13.79	1.15
19	4.60	65.52	26.44	3.45
20	0.00	51.72	41.38	6.90
21	0.00	32.95	56.82	10.23
22	0.00	17.44	69.77	12.79
23	1.14	18.18	56.82	23.86
24	1.12	15.73	59.55	23.60
	15.21	44.37	29.44	10.98
2123 ORS.				
INSTABILT		NØYTRALT	LETT STABILT	STABILT

Vind : Ås
 Stabilitet: dt(25-10) m Ås
 Periode : 1.3.-31.5.81

Tabell 7

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	.1	1.0	1.1	.3	.1	3.6	1.5	.0	.2	1.9	.1	.0	.0	.2	.2	.0	10.5
60	.1	1.0	.9	.2	.0	3.2	1.4	.0	.1	1.1	.2	.0	.0	.2	.1	.0	8.6
90	.2	1.0	.6	.2	.1	1.8	1.0	.0	.0	.8	.1	.0	.0	.4	.1	.0	6.6
120	.3	2.3	1.4	.4	.7	4.4	1.6	.1	.1	.7	.1	.0	.1	.1	.1	.0	12.6
150	.5	1.9	1.0	.2	1.9	2.3	.7	.1	.5	.6	.0	.0	.1	.0	.1	.0	10.0
180	.2	.9	.4	.0	.7	.8	.4	.1	.4	.1	.2	.0	.0	.0	.0	.0	4.5
210	.2	.6	.7	.1	.2	1.3	.5	.0	.1	.4	.0	.0	.1	.0	.0	.0	4.2
240	.4	.4	.6	.1	.0	.3	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	2.1
270	.1	.3	.6	.1	.1	.5	.2	.1	.1	.5	.1	.0	.1	.2	.1	.0	3.0
300	.8	.8	.5	.1	1.2	.6	1.0	.7	.3	.3	.2	.1	.2	.1	.2	.0	7.4
330	1.3	1.7	1.1	1.2	1.2	1.7	3.8	3.9	.5	.6	1.1	.2	1.2	.4	.2	.2	20.6
360	.2	.8	.7	1.0	.4	1.4	2.5	1.2	.1	.8	.2	.0	.1	.1	.1	.0	9.7
STILLE	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
TOTAL	4.5	12.9	10.2	4.0	6.8	22.0	14.8	6.3	2.5	8.1	2.4	.3	1.7	1.9	1.2	.2	100.0

FØRDELING PÅ VINDHASTIGHET

0.0- 2.0 M/S 2.0- 4.0 M/S 4.0- 6.0 M/S OVER 6.0 M/S

31.6 50.0 13.3 5.1

FØRDELING AV STABILITETSKLASSENE

15.6 44.9 28.5 11.0

ANTALL TIMER = 2208, ANTALL OBSERVASJONER = 2032

Tabell 10

VINDROSE FRA AS													
MANED: MARS 1981													
VINDROSE KL.													
SEKTOR	1	4	7	10	13	16	19	22	DØGN				
20- 40	7.4	7.4	14.8	19.2	14.8	19.2	8.3	8.0	13.6				
50- 70	14.8	14.8	18.5	11.5	7.4	7.7	16.7	16.0	12.4				
80-100	3.7	3.7	3.7	3.8	3.7	7.7	4.2	4.0	4.8				
110-130	3.7	14.8	7.4	7.7	14.8	34.6	20.8	8.0	12.9				
140-160	11.1	0.0	0.0	11.5	7.4	15.4	16.7	4.0	8.5				
170-190	3.7	0.0	3.7	0.0	11.1	7.7	16.7	8.0	6.2				
200-220	3.7	3.7	3.7	7.7	0.0	0.0	0.0	4.0	4.1				
230-250	3.7	0.0	0.0	0.0	7.4	3.8	0.0	0.0	1.3				
260-280	0.0	7.4	7.4	7.7	3.7	3.8	0.0	0.0	4.1				
290-310	7.4	11.1	0.0	3.8	11.1	0.0	4.2	8.0	5.3				
320-340	22.2	25.9	37.0	19.2	7.4	0.0	4.2	16.0	16.7				
350- 10	14.8	11.1	3.7	7.7	11.1	0.0	8.3	20.0	9.3				
STILLE	3.7	0.0	0.0	0.0	0.0	0.0	0.0	4.0	.8				
ANT. OBS.	27	27	27	26	27	26	24	25	627				
MTDL. VIND	2.3	2.4	2.5	2.5	2.6	2.7	2.5	2.4	2.5				
VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.8
3- 2.0 M/S	2.9	3.8	2.9	7.5	4.3	2.7	1.9	.5	1.1	2.9	7.2	2.9	40.5
2.1- 4.0 M/S	9.1	7.3	1.9	4.9	3.5	2.6	2.1	.3	1.1	1.3	8.8	5.9	48.8
4.1- 6.0 M/S	1.6	1.3	0.0	.3	.6	1.0	.2	.3	.8	.3	.3	.5	7.2
OVER 6.0 M/S	0.0	0.0	0.0	.2	0.0	0.0	0.0	.2	1.1	.8	.5	0.0	2.7
TOTAL	13.6	12.4	4.8	12.9	8.5	6.2	4.1	1.3	4.1	5.3	16.7	9.3	100.0
MTDL. VIND M/S	2.9	2.5	2.0	2.0	2.2	2.4	2.1	3.5	3.9	2.9	2.4	2.6	2.5
ANT. OBS.	85	78	30	81	53	39	26	8	26	33	105	58	627
MIDLERE VINDSTYRKE FOR HELE DATASETET ER 2.6 M/S, BASERT PÅ 708 OBSERVASJONER													

Tabell 11

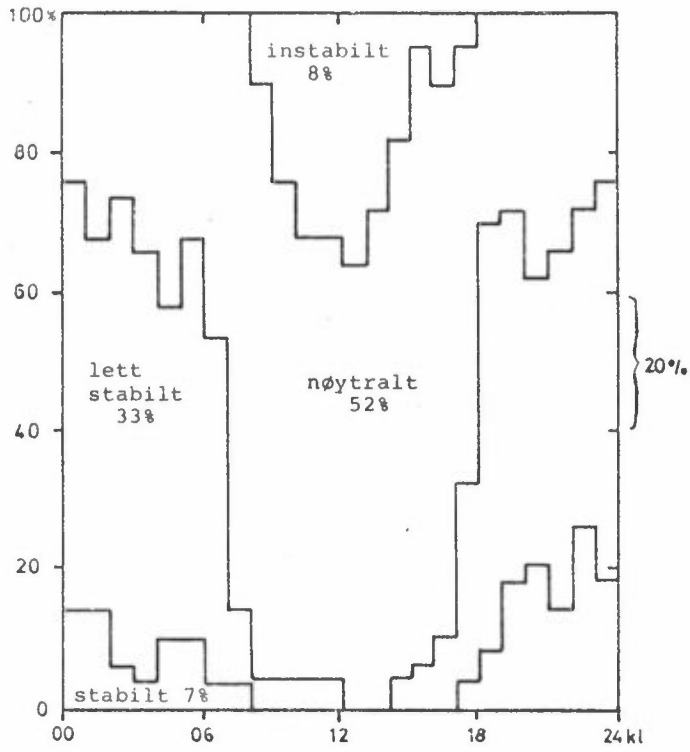
VINDROSE FRA AS													
MANED: APRIL 1981													
VINDROSE KL.													
SEKTOR	1	4	7	10	13	16	19	22	DØGN				
20- 40	3.6	3.6	7.1	10.7	14.3	14.3	7.1	3.6	7.7				
50- 70	7.1	3.6	3.6	3.6	0.0	3.6	3.6	10.7	3.3				
80-100	0.0	3.6	0.0	0.0	0.0	0.0	3.6	0.0	1.6				
110-130	7.1	0.0	0.0	0.0	14.3	21.4	17.9	7.1	10.0				
140-160	0.0	3.6	0.0	0.0	10.7	7.1	7.1	10.7	3.9				
170-190	0.0	0.0	0.0	3.6	10.7	10.7	14.3	0.0	4.2				
200-220	3.6	0.0	3.6	0.0	3.6	7.1	7.1	0.0	2.7				
230-250	3.6	3.6	0.0	7.1	0.0	0.0	0.0	3.6	3.4				
260-280	3.6	3.6	3.6	3.6	0.0	0.0	10.7	7.1	3.6				
290-310	17.9	21.4	14.3	17.9	10.7	17.9	7.1	17.9	15.5				
320-340	46.4	35.7	46.4	46.4	32.1	10.7	10.7	25.0	33.7				
350- 10	7.1	21.4	21.4	3.6	3.6	7.1	10.7	14.3	10.3				
STILLE	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	.1				
ANT. OBS.	28	28	28	28	28	28	28	28	671				
MTDL. VIND	3.3	3.3	2.9	3.0	3.6	4.6	3.5	2.9	3.4				
VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.1
3- 2.0 M/S	1.5	1.0	.9	1.9	1.9	1.0	.9	2.8	1.3	3.4	7.0	2.4	26.2
2.1- 4.0 M/S	2.8	.9	.4	6.3	1.2	2.1	.7	.3	1.2	8.3	15.2	6.1	45.6
4.1- 6.0 M/S	2.7	.9	.1	.9	.4	1.0	.9	.3	.9	2.4	6.0	.9	17.4
OVER 6.0 M/S	.7	.4	.1	.9	.3	0.0	.1	0.0	.1	1.3	5.5	.9	10.6
TOTAL	7.7	3.3	1.6	10.0	3.9	4.2	2.7	3.4	3.6	15.5	33.7	10.3	100.0
MTDL. VIND M/S	3.9	3.6	2.9	3.3	2.8	3.0	3.1	1.8	2.9	3.3	3.8	3.3	3.4
ANT. OBS.	52	22	11	67	26	28	18	23	24	104	226	69	671
MIDLERE VINDSTYRKE FOR HELE DATASETET ER 3.4 M/S, BASERT PÅ 699 OBSERVASJONER													

Tabell 12

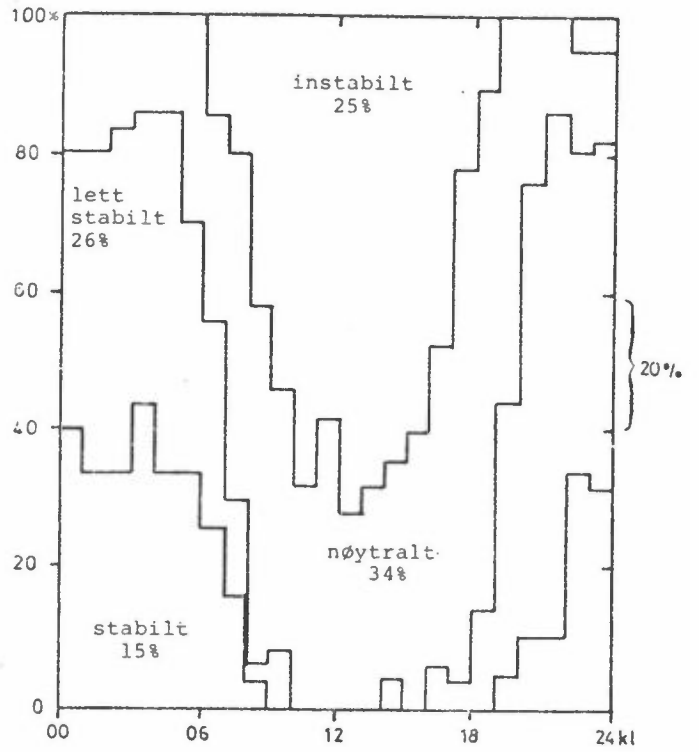
VINDROSE FRA AS														
MANED: MAY 1981														
SEKTOR	VINDROSE KL.										DØGN			
	1	4	7	10	13	16	19	22						
20- 40	22.6	3.2	22.6	12.9	6.5	6.5	9.7	9.7			10.2			
50- 70	3.2	9.7	9.7	12.9	12.9	6.5	0.0	12.9			10.1			
80-100	16.1	16.1	9.7	12.9	16.1	12.9	9.7	12.9			12.5			
110-130	12.9	6.5	0.0	19.4	22.6	9.7	32.3	25.8			15.0			
140-160	3.2	3.2	3.2	3.2	29.0	45.2	22.6	16.1			16.4			
170-190	0.0	0.0	0.0	9.7	3.2	6.5	9.7	3.2			3.5			
200-220	3.2	3.2	6.5	3.2	3.2	6.5	6.5	3.2			5.3			
230-250	3.2	3.2	0.0	3.2	0.0	0.0	3.2	0.0			1.6			
260-280	0.0	0.0	3.2	3.2	3.2	3.2	0.0	0.0			1.3			
290-310	3.2	3.2	3.2	3.2	0.0	0.0	0.0	0.0			2.3			
320-340	19.4	38.7	19.4	12.9	0.0	0.0	6.5	6.5			11.7			
350- 10	12.9	12.9	22.6	3.2	3.2	3.2	0.0	9.7			9.8			
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			.1			
ANT. OBS.	31	31	31	31	31	31	31	31			742			
MIDL. VIND	2.5	2.7	2.3	2.5	3.2	3.4	2.5	2.5			2.7			
VINDANALYSE														
DØGNMIDDEL		30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE														.1
3- 2.0 M/S		3.8	2.3	2.8	5.3	4.7	1.1	2.4	1.1	.8	1.3	3.6	3.9	33.2
2.1- 4.0 M/S		3.6	5.7	5.9	8.4	10.0	2.2	2.7	.5	.4	.9	7.3	3.9	51.5
4.1- 6.0 M/S		2.4	1.9	2.6	1.3	1.6	.3	.1	0.0	.1	0.0	.8	2.0	13.2
OVER 6.0 M/S		.4	.3	1.2	0.0	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
TOTAL		10.2	10.1	12.5	15.0	16.4	3.5	5.3	1.6	1.3	2.3	11.7	9.8	100.0
MIDL. VIND M/S		3.0	3.0	3.3	2.5	2.7	2.5	2.3	2.0	1.9	2.2	2.5	2.8	2.7
ANT. OBS.		76	75	93	111	122	26	39	12	10	17	97	73	742
MIDLEFF VINDSTYRKE FOR HELE DATASETET ER 2.7 M/S, BASERT PÅ 744 OBSERVASJONER														

Tabell 13

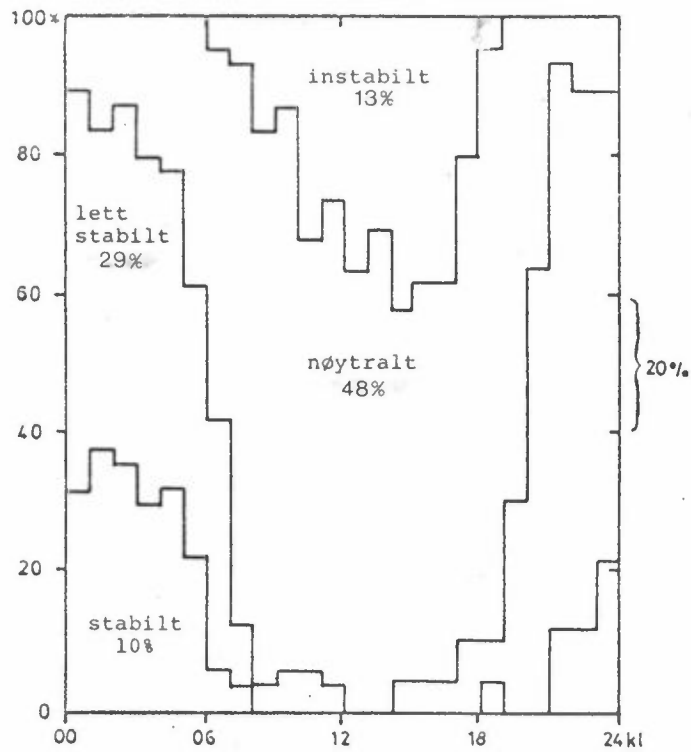
a) $\Delta T(25-10)m$ As mars 1981



b) $\Delta T(25-10)m$ As april 1981



c) $\Delta T(25-10)m$ As mai 1981



Vind : Ås
 Stabilitet: dt(25-10) m Ås
 Periode : mars 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	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
30	.3	1.1	.8	.3	.2	7.2	1.9	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	13.6
60	.3	1.3	2.1	.0	.0	6.4	1.1	.0	.0	1.1	.2	.0	.0	.0	.0	.0	.0	12.4
90	.0	1.8	1.1	.0	.0	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
120	.2	4.0	2.6	.3	.0	3.8	1.4	.2	.0	.2	.2	.0	.0	.2	.0	.0	.0	12.9
150	1.1	1.9	.8	.5	.3	1.9	.8	.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	8.5
180	.5	1.8	.5	.0	.0	1.0	1.3	.3	.0	.3	.6	.0	.0	.0	.0	.0	.0	6.2
210	.0	.8	.8	.0	.0	2.1	.3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	4.1
240	.2	.0	.3	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.2	.0	.0	1.3
270	.0	.3	.8	.0	.0	.5	.5	.2	.0	.8	.0	.0	.0	.0	.8	.3	.0	4.1
300	1.3	1.0	.5	.0	.3	.5	.6	.0	.0	.0	.3	.0	.0	.0	.3	.5	.0	5.3
330	1.4	1.6	2.1	1.3	1.3	1.4	4.6	2.2	.0	.0	.3	.0	.0	.0	.0	.5	.0	16.7
360	.5	.8	1.0	.2	.2	2.4	2.4	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	9.3
STILLE	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
TOTAL	5.7	16.3	14.0	2.6	2.2	29.0	15.3	4.6	0.0	5.9	1.6	0.0	0.0	1.4	1.3	0.0	0.0	100.0

FORDELING PA VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
38.6	51.2	7.5	2.7

FORDELING AV STABILITETSKLASSENE

8.0	52.6	32.2	7.2
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ANTALL TIMER = 744, ANTALL OBSERVASJONER = 627

Vind : Ås
 Stabilitet: dt(25-10) m Ås
 Periode : april 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	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
30	.0	.8	.8	.0	.3	2.1	.5	.0	.6	2.1	.0	.0	.0	.0	.8	.2	.0	8.0
60	.0	.6	.2	.3	.0	.8	.2	.0	.2	.8	.0	.0	.0	.0	.3	.2	.0	3.3
90	.0	.2	.2	.5	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	1.5
120	.3	.8	.6	.3	.9	3.9	.9	.3	.3	.6	.2	.0	.0	.3	.3	.3	.0	9.9
150	.3	1.2	.2	.3	.8	.3	.0	.2	.3	.2	.0	.0	.0	.2	.0	.2	.0	3.9
180	.2	.5	.5	.0	1.1	.8	.0	.0	1.1	.2	.0	.0	.0	.0	.0	.0	.0	4.1
210	.0	.6	.3	.0	.3	.3	.2	.0	.2	.9	.0	.0	.0	.2	.0	.0	.0	2.9
240	.8	.6	1.2	.2	.0	.0	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.3
270	.0	.6	.6	.3	.3	.6	.3	.0	.2	.6	.2	.0	.0	.2	.0	.0	.0	3.8
300	1.1	.6	.9	.5	3.5	.9	2.4	1.8	1.1	.9	.3	.3	.0	.6	.0	.3	.0	15.0
330	2.3	2.4	.6	1.4	2.1	2.4	4.5	6.2	1.7	1.4	2.7	.8	.0	3.6	1.2	.2	.8	34.0
360	.0	1.2	.8	.3	.9	1.4	3.3	.8	.0	.5	.3	.0	.0	.3	.3	.3	.0	10.2
STILLE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
TOTAL	5.0	9.9	6.6	3.9	10.1	13.7	12.5	9.3	5.7	8.0	3.6	1.1	0.0	5.3	2.9	1.8	0.0	100.0

FORDELING PA VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
25.4	45.6	18.3	10.7

FORDELING AV STABILITETSKLASSENE

26.0	34.4	24.5	15.0
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ANTALL TIMER = 720, ANTALL OBSERVASJONER = 665

Vind : Ås
 Stabilitet: dt(25-10) m Ås
 Periode : mai 1981

c)

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	1.1	1.8	.7	.0	1.9	2.0	.0	.1	1.9	.4	.0	.0	.0	.4	.0	10.3
60	.0	1.2	.7	.4	.0	2.8	2.7	.0	.0	1.5	.4	.0	.0	.3	.0	.0	10.0
90	.5	1.2	.7	.3	.4	3.4	2.3	.0	.0	2.3	.3	.0	.0	1.2	.1	.0	12.7
120	.4	2.3	1.2	.5	1.1	5.3	2.4	.0	.0	1.2	.1	.0	.0	.0	.0	.0	14.6
150	.3	2.4	2.0	.0	4.3	4.3	1.4	.0	1.1	.9	.0	.0	.0	.0	.0	.0	16.8
180	.1	.5	.4	.0	1.1	.8	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	3.4
210	.5	.5	1.1	.1	.4	1.6	.9	.0	.0	.1	.0	.0	.0	.0	.0	.0	5.4
240	.3	.5	.3	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
270	.1	.1	.5	.0	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	1.4
300	.3	.8	.3	.0	.0	.4	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.3
330	.4	1.2	.7	1.1	.4	1.4	2.6	3.2	.0	.5	.3	.0	.0	.0	.0	.0	11.8
360	.1	.5	.5	2.3	.1	.7	1.9	1.5	.3	1.4	.4	.0	.0	.0	.0	.0	9.7
STILLE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
TOTAL	3.1	12.7	10.1	5.4	7.8	23.5	16.5	5.1	1.8	10.0	1.9	0.0	0.0	1.5	.5	0.0	100.0

FORDELING PÅ VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
31.4	53.0	13.6	2.0

FORDELING AV STABILITETSKLASSENE

12.7	47.7	29.1	10.5
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ANTALL TIMER = 744, ANTALL OBSERVASJONER = 740

e)

TANGEN, BREVIK	MAY 1981																									
TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1	20	21	22	23	24		
DATO																										
1	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	5	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	2	2	1.1	1.5	1.2	6	2.0	2.0	1.6	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	10.8	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	1	1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	5	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	9	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.0	1.9	4	2	3	2	8	0.0	1	7.6	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	1.4	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	0.0	0.0	2	0.0	0.0	0.0	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	2	0.0	1	0.0	6	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	5	1.5	1.3	4	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	
24	1	0.0	0.0	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3	2.3	
25	2	1.2	3.2	2.2	9	1	2.0	3.0	1.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7	0.0	0.0	0.0	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	
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	3.6	2.2	1.8	1.5	1.5	5.0	6.6	22.2
28	4.0	1.8	1.4	1	1.4	5.0	6	1	3	1.8	1.2	1.2	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.1	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

88.4

ANT. TIMER M/REGN: 75
ANT. DAGN M/REGN: 14

11 REFERANSER

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VEDLEGG A

GRAFISK FRAMSTILLING AV TIDSFORLØPET AV:

TEMPERATUR (°C)

TEMPERATURDIFFERENS (25-10 M)

VINDHASTIGHET (M/S)

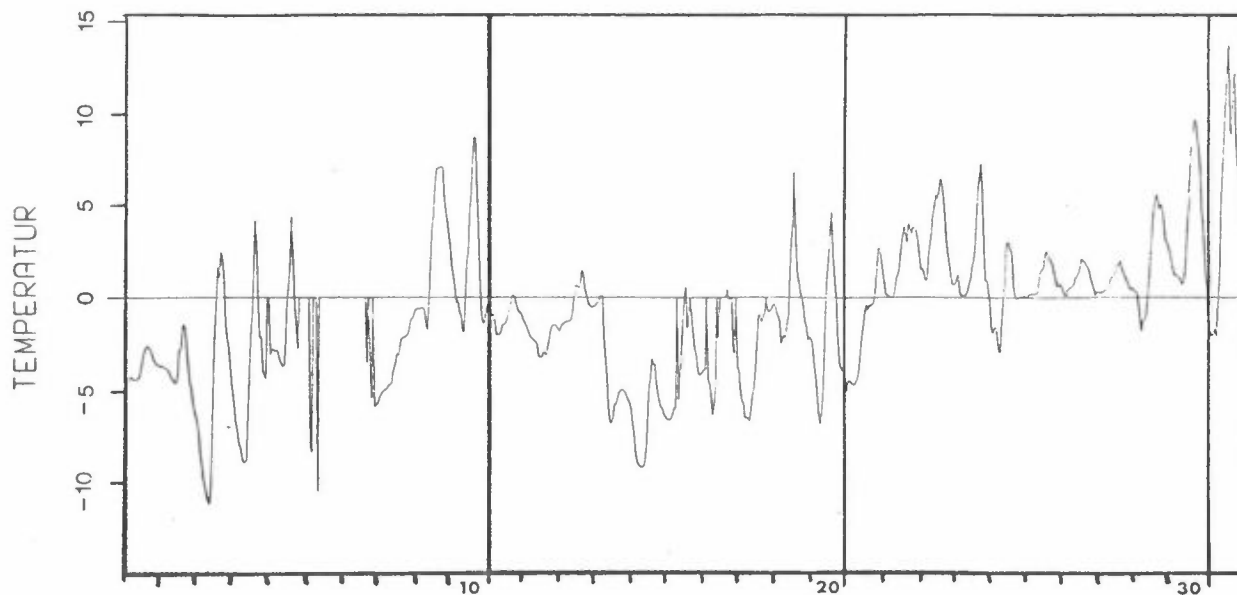
VINDRETNING (DEKAGRADER)

FOR MÅNEDENE MARS, APRIL OG MAI 1981

VED ÅS.

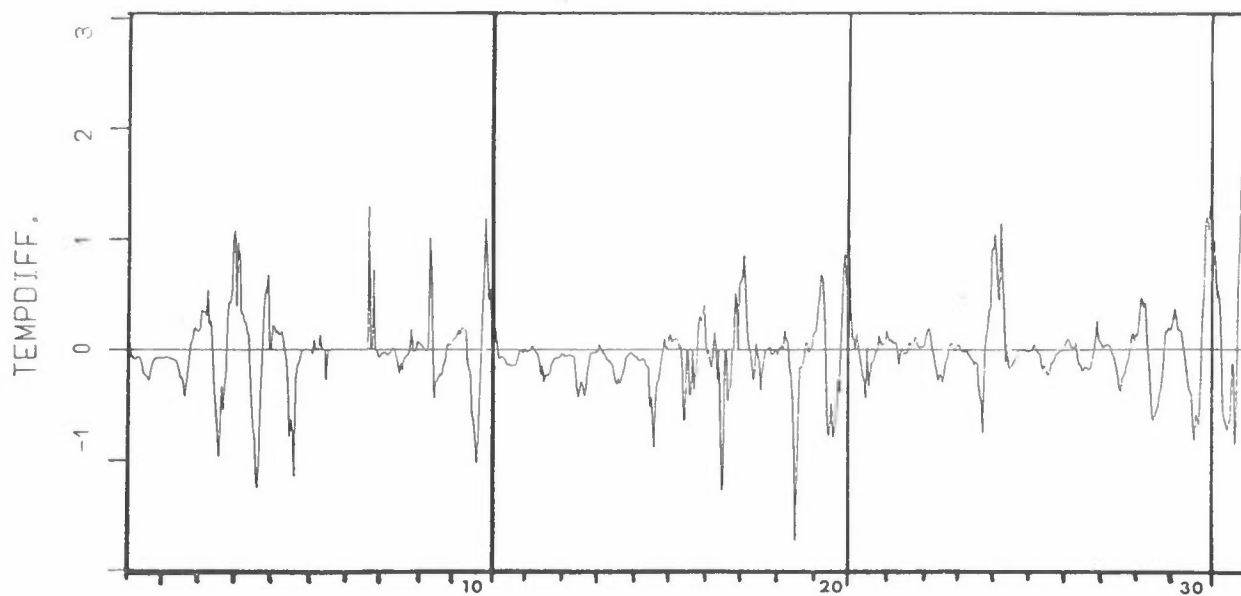
STASJON: 338 ÅS

PERIODE: MAR. 1981



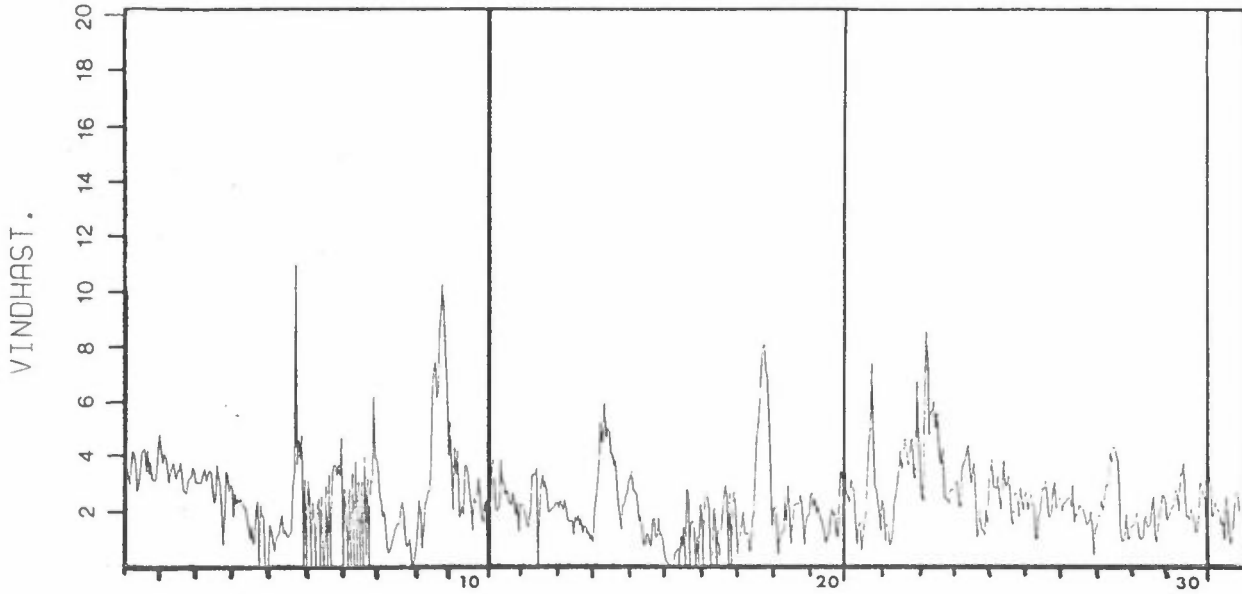
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PERIODE: MAR. 1981



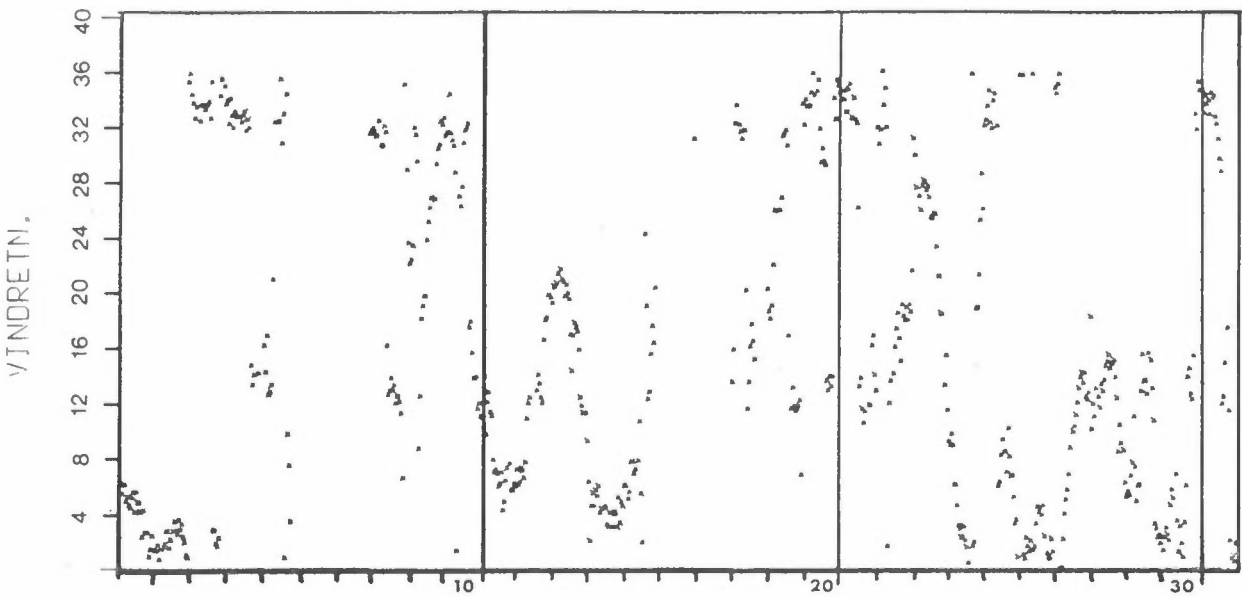
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PERIODE: MAR. 1981



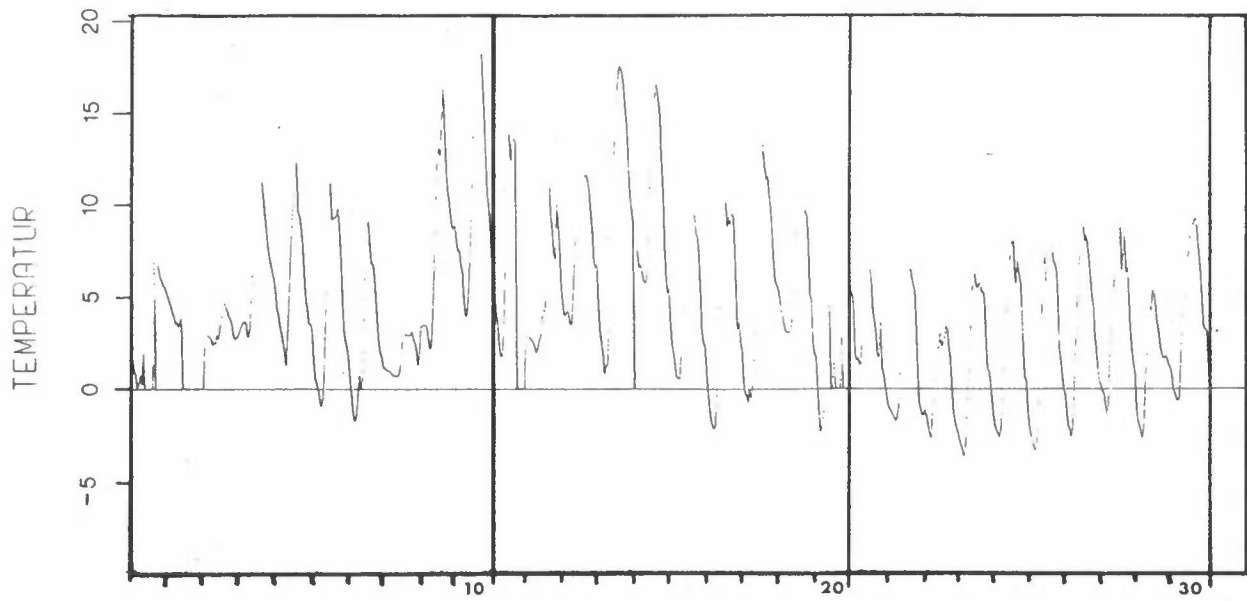
STASJON: 338 ÅS

PERIODE: MAR. 1981



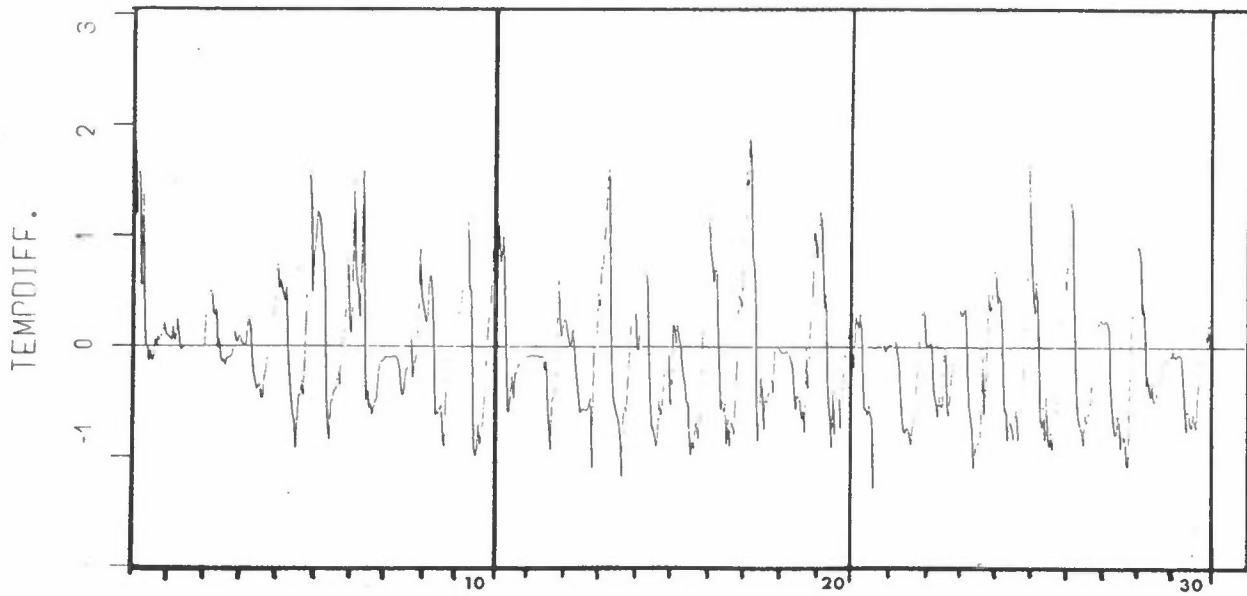
STASJON: 336 ÅS

PERIODE: APR. 1981



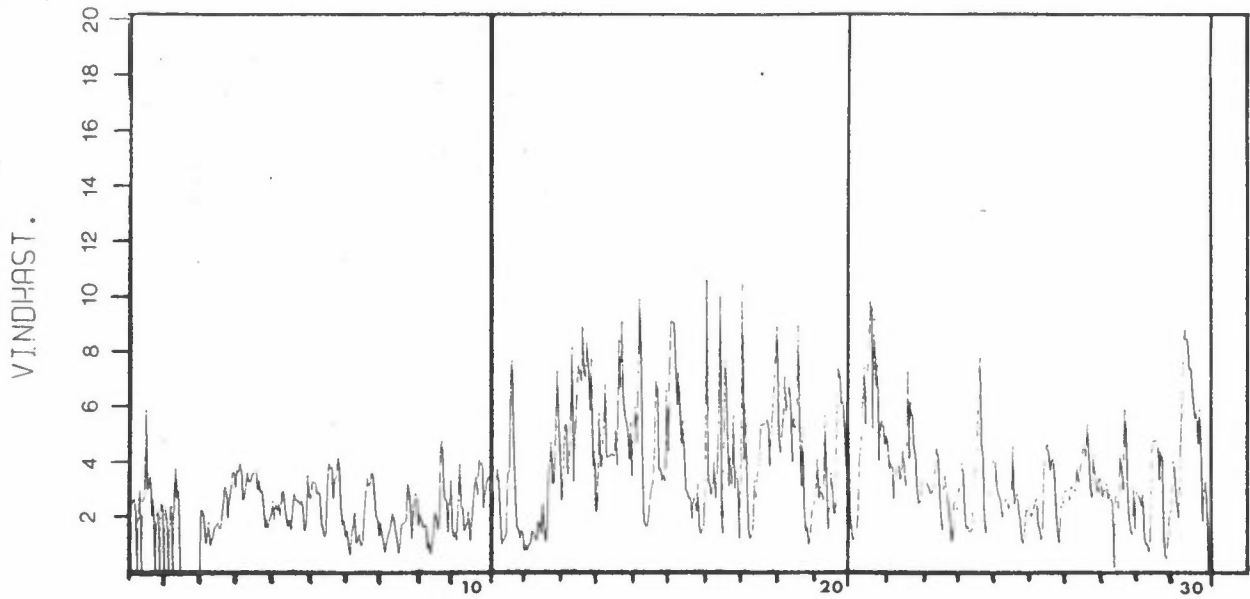
STASJON: 336 ÅS

PERIODE: APR. 1981



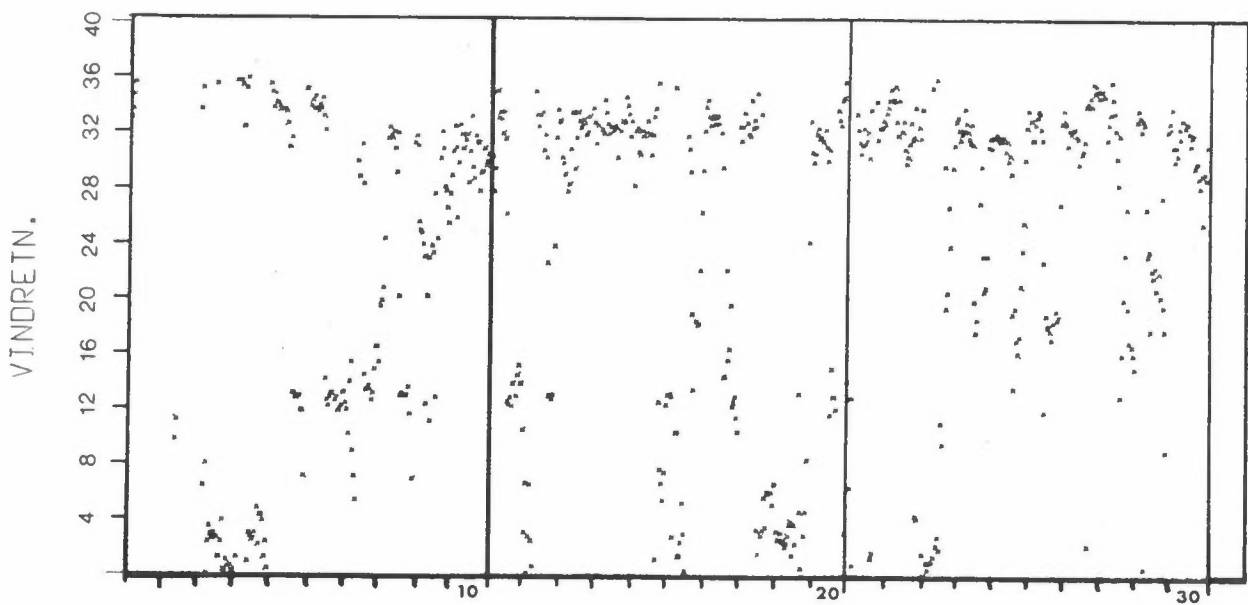
STASJON: 336 ÅS

PERIODE: APR. 1981



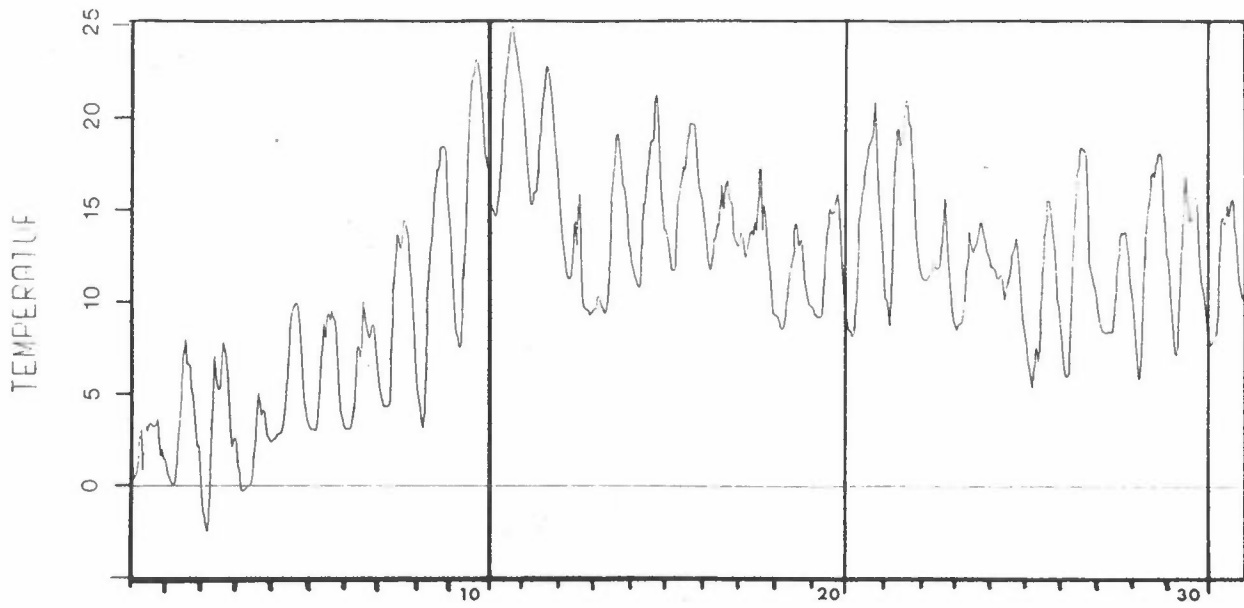
STASJON: 336 ÅS

PERIODE: APR. 1981



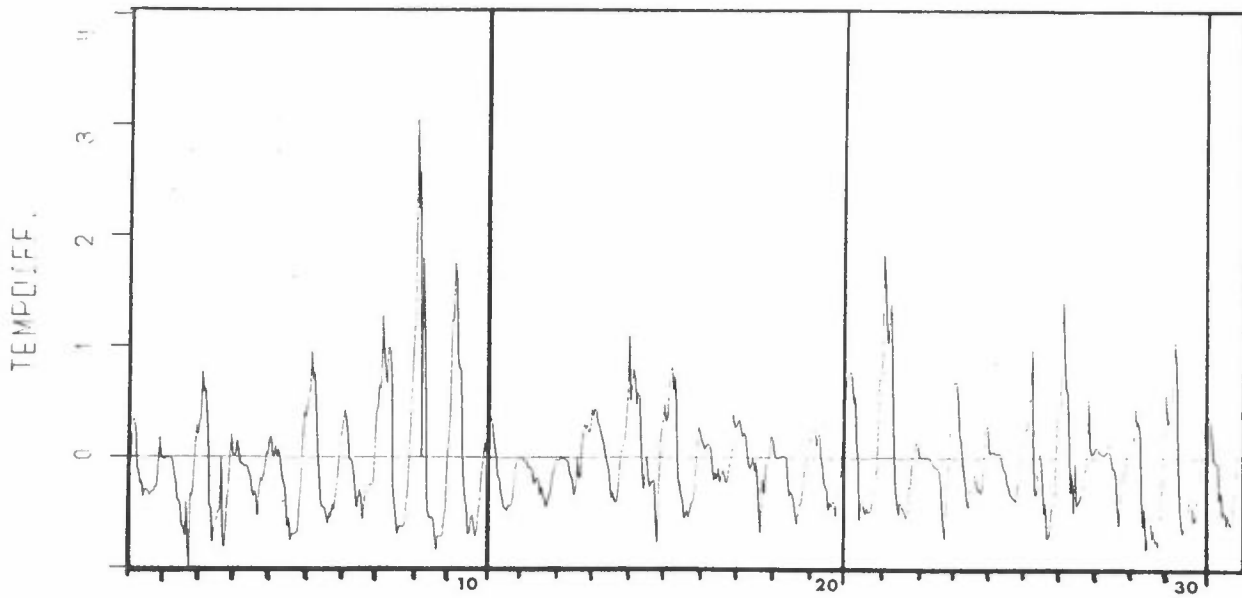
STASJON: 338 ÅS

PERIODE: MAI 1981



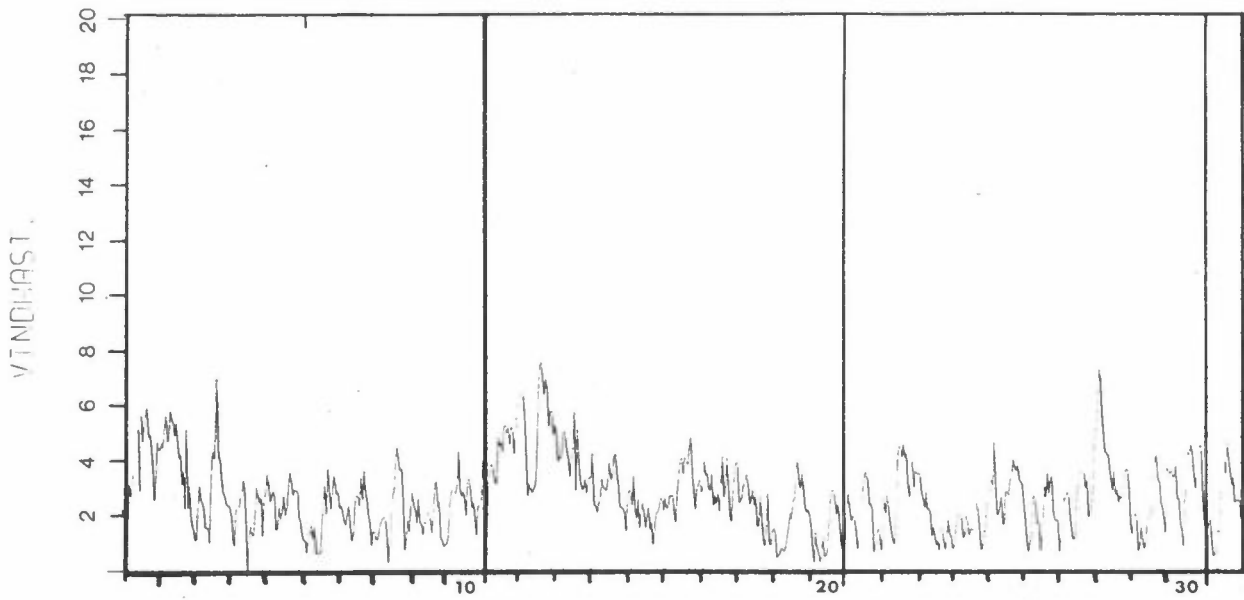
STASJON: 338 ÅS

PERIODE: MAI 1981



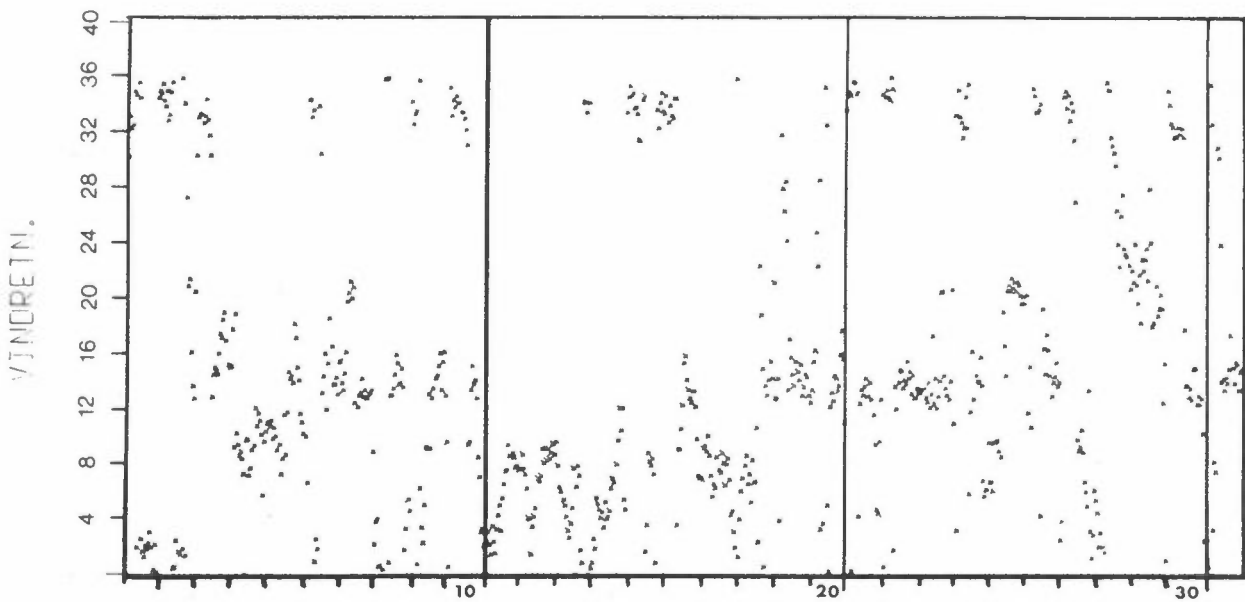
STASJON: 338 ÅS

PERIODE: MAI 1981



STASJON: 338 ÅS

PERIODE: MAI 1981



VEDLEGG B

LISTE AV TIMEVISE DATA FRA
NEDRE TELEMAR
1.3.81-31.5.81

FØLGENDE PARAMETRE ER GITT I DEN SYNOPSISKE 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-UNI = vindstyrke (m/s) ca 30 m over bakken ved Union Skien
D-UNI = vindretning (dekagrader) Union, Skien
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-AS	DT-AS	RH-AS	F-AS	LI-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
1	3	81	1	-4.6	-.08	80	4.1	6	1.2	29	99.0	99	4.6	5	99.0	99	0.0
1	3	81	2	-4.5	-.08	82	3.6	6	1.4	29	99.0	99	5.3	6	99.0	99	0.0
1	3	81	3	-4.3	-.07	87	3.3	6	3.3	8	99.0	99	6.3	4	99.0	99	0.0
1	3	81	4	-4.4	-.09	84	3.0	5	3.6	6	99.0	99	5.6	5	99.0	99	0.0
1	3	81	5	-4.5	-.09	85	3.7	5	3.2	6	99.0	99	6.0	5	99.0	99	0.0
1	3	81	6	-4.5	-.06	84	4.2	5	3.3	6	99.0	99	5.6	4	99.0	99	0.0
1	3	81	7	-4.4	-.06	83	4.1	5	2.6	6	99.0	99	6.0	4	99.0	99	0.0
1	3	81	8	-4.4	-.09	83	3.6	5	3.1	6	99.0	99	6.0	4	99.0	99	0.0
1	3	81	9	-4.1	-.13	85	2.7	6	2.1	7	99.0	99	5.6	3	99.0	99	0.0
1	3	81	10	-3.6	-.22	85	3.0	4	3.2	7	99.0	99	5.6	3	99.0	99	0.0
1	3	81	11	-3.1	-.27	76	3.5	6	3.8	7	99.0	99	6.0	5	99.0	99	0.0
1	3	81	12	-2.8	-.24	75	4.2	5	2.8	7	99.0	99	6.3	4	99.0	99	0.0
1	3	81	13	-2.7	-.26	73	4.2	5	2.6	7	99.0	99	7.0	3	99.0	99	0.0
1	3	81	14	-2.4	-.28	75	4.3	4	2.6	7	99.0	99	6.7	3	99.0	99	0.0
1	3	81	15	-2.8	-.18	75	3.4	2	2.6	6	99.0	99	6.7	3	99.0	99	0.0
1	3	81	16	-2.8	-.13	72	4.2	4	2.4	6	99.0	99	7.0	3	99.0	99	0.0
1	3	81	17	-3.1	-.09	72	3.3	3	1.9	6	99.0	99	6.7	3	99.0	99	0.0
1	3	81	18	-3.4	-.08	73	3.8	3	1.6	3	99.0	99	6.0	2	99.0	99	0.0
1	3	81	19	-3.5	-.07	75	3.1	1	2.0	36	99.0	99	4.6	1	99.0	99	0.0
1	3	81	20	-3.6	-.07	76	3.1	1	2.6	35	99.0	99	4.6	2	99.0	99	0.0
1	3	81	21	-3.7	-.08	77	3.1	3	2.0	36	99.0	99	4.9	2	99.0	99	0.0
1	3	81	22	-3.7	-.08	76	3.4	1	2.8	36	99.0	99	4.9	2	99.0	99	0.0
1	3	81	23	-3.7	-.07	76	4.3	1	2.9	1	99.0	99	4.9	1	99.0	99	0.0
1	3	81	24	-3.7	-.08	76	4.8	1	3.5	1	99.0	99	4.9	1	99.0	99	0.0
2	3	81	1	-3.8	-.06	76	4.2	2	4.1	1	99.0	99	4.6	1	99.0	99	0.0
2	3	81	2	-3.8	-.07	76	3.7	1	3.7	2	99.0	99	5.3	1	99.0	99	0.0
2	3	81	3	-3.9	-.04	75	4.1	1	4.2	2	99.0	99	4.9	1	99.0	99	0.0
2	3	81	4	-4.0	-.08	75	3.9	2	4.1	36	99.0	99	4.9	1	99.0	99	0.0
2	3	81	5	-4.2	-.08	75	3.5	2	3.5	1	99.0	99	4.9	35	99.0	99	0.0
2	3	81	6	-4.3	-.09	75	3.0	2	3.6	1	99.0	99	4.2	32	99.0	99	0.0
2	3	81	7	-4.5	-.09	75	3.4	3	2.7	1	99.0	99	4.2	35	99.0	99	0.0
2	3	81	8	-4.6	-.10	75	3.5	3	3.0	36	99.0	99	4.6	1	99.0	99	0.0
2	3	81	9	-4.6	-.14	79	3.8	2	3.5	36	99.0	99	5.3	1	99.0	99	0.0
2	3	81	10	-4.1	-.19	76	3.4	2	3.5	35	4.1	1	4.9	1	99.0	99	0.0
2	3	81	11	-2.9	-.26	70	3.2	3	2.6	3	5.9	1	5.3	3	99.0	99	0.0
2	3	81	12	-2.8	-.24	69	3.5	4	2.4	7	5.6	1	6.0	3	99.0	99	0.0
2	3	81	13	-2.0	-.34	65	3.4	3	3.4	36	5.6	1	5.6	3	99.0	99	0.0
2	3	81	14	-1.4	-.43	61	3.8	3	1.9	5	6.1	1	6.0	3	99.0	99	0.0
2	3	81	15	-1.7	-.30	60	3.2	4	2.1	3	6.0	1	6.0	3	99.0	99	0.0
2	3	81	16	-2.3	-.18	61	2.7	3	2.0	4	5.4	1	5.6	2	99.0	99	0.0
2	3	81	17	-3.3	-.05	64	2.7	3	1.9	6	4.6	1	5.3	2	99.0	99	0.0
2	3	81	18	-4.6	-.07	67	2.6	2	1.4	2	3.4	2	4.2	2	99.0	99	0.0
2	3	81	19	-4.9	-.08	67	3.1	2	2.6	36	2.9	1	3.2	35	99.0	99	0.0
2	3	81	20	-5.7	-.19	70	3.2	1	2.6	36	3.1	2	3.2	35	99.0	99	0.0
2	3	81	21	-6.1	-.21	72	3.2	1	2.9	2	3.6	2	2.8	35	99.0	99	0.0
2	3	81	22	-6.4	-.17	71	3.6	35	2.6	2	3.2	1	3.2	35	99.0	99	0.0
2	3	81	23	-6.9	-.16	71	3.5	36	1.4	31	2.9	1	2.5	35	99.0	99	0.0
2	3	81	24	-7.4	-.18	72	3.0	34	1.4	32	2.7	1	2.8	35	99.0	99	0.0
3	3	81	1	-8.5	-.37	77	3.1	34	1.2	32	2.2	1	2.8	32	99.0	99	0.0
3	3	81	2	-9.1	-.34	81	3.1	33	1.1	33	2.3	1	3.2	99	99.0	99	0.0
3	3	81	3	-9.9	-.36	83	3.0	34	1.3	32	2.5	2	3.2	99	99.0	99	0.0
3	3	81	4	-10.3	-.30	84	3.1	34	1.0	33	2.7	1	2.8	99	99.0	99	0.0
3	3	81	5	-10.7	-.55	86	3.4	33	1.5	33	2.9	1	3.2	99	99.0	99	0.0
3	3	81	6	-11.0	-.23	84	3.5	34	1.2	33	3.4	1	3.2	99	99.0	99	0.0
3	3	81	7	-11.3	-.27	83	3.1	34	1.2	33	2.5	1	3.2	99	99.0	99	0.0
3	3	81	8	-10.2	-.04	81	3.3	33	1.3	2	2.9	1	3.2	99	99.0	99	0.0
3	3	81	9	-7.9	-.28	77	3.5	34	.9	9	2.8	2	2.8	32	99.0	99	0.0
3	3	81	10	-4.3	-.51	61	3.4	34	.9	38	2.5	2	2.5	33	99.0	99	0.0
3	3	81	11	-2.0	-.68	54	2.8	34	2.8	27	2.6	1	2.1	35	99.0	99	0.0
3	3	81	12	-1	-.93	48	2.3	33	2.8	27	2.2	1	3.2	34	99.0	99	0.0
3	3	81	13	1.7	-.78	47	2.4	35	1.7	26	4.1	1	1.8	1	99.0	99	0.0
3	3	81	14	1.0	-.32	56	3.7	3	1.2	99	3.6	2	3.5	3	99.0	99	0.0
3	3	81	15	2.5	-.55	53	3.2	3	1.8	4	3.3	2	3.9	3	99.0	99	0.0
3	3	81	16	2.2	-.34	52	2.9	2	1.8	2	2.9	1	2.8	1	99.0	99	0.0
3	3	81	17	1.3	-.22	54	2.1	2	2.0	32	2.8	1	2.6	35	99.0	99	0.0
3	3	81	18	-1.2	-.28	63	.8	2	1.2	34	1.9	2	2.8	33	99.0	99	0.0
3	3	81	19	-2.1	-.44	69	1.7	34	1.3	32	1.5	3	2.5	31	99.0	99	0.0
3	3	81	20	-2.6	-.42	68	3.4	35	1.4	33	1.4	2	2.5	31	99.0	99	0.0
3	3	81	21	-3.4	-.54	73	3.0	35	1.0	32	1.1	2	2.1	32	99.0	99	0.0
3	3	81	22	-4.5	1.03	85	2.7	34	.8	30	1.3	2	1.8	31	99.0	99	0.0
3	3	81	23	-5.3	1.08	89	3.0	34	.7	32	2.1	2	3.2	31	99.0	99	0.0
3	3	81	24	-6.0	-.39	91	2.9	32	.8	32	1.2	2	3.2	30	99.0	99	0.0

			T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
4	3	81	1	-6.8	94	92	1.8	34	0.0	37.	1.1	3	1.8	32	99.0	99.	0.0
4	3	81	2	-7.3	85	94	2.7	33	1.4	29	1.8	2	2.5	31	99.0	99.	0.0
4	3	81	3	-7.9	38	94	2.2	32	1.4	35.	1.8	1.	3.2	31	99.0	99.	0.0
4	3	81	4	-8.2	33	93	2.5	33	1.2	34	2.1	1.	2.8	31.	99.0	99.	0.0
4	3	81	5	-8.7	25	92	2.3	33	.8	33.	2.1	1.	3.2	31.	99.0	99.	0.0
4	3	81	6	-9.0	24	92	2.5	33	1.2	33.	2.1	1.	3.2	31.	99.0	99.	0.0
4	3	81	7	-9.0	14	91	2.2	33	1.0	33	2.3	1.	3.2	30	99.0	99.	0.0
4	3	81	8	-8.9	14	89	2.2	33.	1.2	32.	2.4	1.	2.8	30	99.0	99.	0.0
4	3	81	9	-6.6	-18	83	2.0	32.	.7	32.	2.4	2.	2.5	32	99.0	99.	0.0
4	3	81	10	-4.0	-48	73	1.6	33	.6	29.	2.7	2.	2.1	36.	99.0	99.	0.0
4	3	81	11	-2.2	-69	63	1.4	33	.7	31.	2.6	2.	1.8	4.	99.0	99.	0.0
4	3	81	12	-.9	-80	53	1.0	32	.9	38.	1.9	2.	1.4	7.	99.0	99.	0.0
4	3	81	13	1.8	-120	41	1.5	33	.9	25	1.3	3.	1.4	12	99.0	99.	0.0
4	3	81	14	4.2	-126	33	.2	32.	0.0	37.	.8	2.	1.8	13.	99.0	99.	0.0
4	3	81	15	7.8	-95	34	1.0	1015.	1.1	13.	1.7	13.	3.2	14.	99.0	99.	0.0
4	3	81	16	-.4	-38	54	2.1	13	1.8	13	2.3	13.	4.6	14.	99.0	99.	0.0
4	3	81	17	-2.2	-17	64	2.4	14.	3.0	16.	2.4	13.	4.6	14.	99.0	99.	0.0
4	3	81	18	-2.1	32	77	99.0	2012	2.2	12	2.1	13	3.9	15.	99.0	99.	0.0
4	3	81	19	-4.0	49	86	2.2	2015.	2.1	11.	2.1	14.	1.8	17.	99.0	99.	0.0
4	3	81	20	-4.3	57	92	1.8	14	1.4	10.	1.6	13	1.8	15	99.0	99.	0.0
4	3	81	21	-4.4	69	93	1.8	2014.	0.0	37.	1.6	14.	2.5	15.	99.0	99.	0.0
4	3	81	22	99.0	99.00	99.00	99.0	99.	0.0	37.	1.7	13	2.1	14.	99.0	99.	0.0
4	3	81	23	99.0	99.00	1.00	99.0	2008.	.6	38.	1.5	12.	1.4	14.	99.0	99.	0.0
4	3	81	24	-3.1	23	97	99.0	16.	.7	33	1.5	12.	1.4	13.	99.0	99.	0.0
5	3	81	1	-2.8	21	97	1.5	14.	1.0	33.	1.2	12.	1.4	14	99.0	99.	0.0
5	3	81	2	-2.8	15	96	1.4	17.	.7	99.	1.2	13	1.4	6.	99.0	99.	0.0
5	3	81	3	-3.0	18	96	.9	13.	.9	99	2.1	36.	1.4	38.	99.0	99.	0.0
5	3	81	4	-2.8	14	95	.5	13.	.6	28.	.8	10.	1.4	38.	99.0	99.	0.0
5	3	81	5	-3.0	13	95	1.0	13.	.7	32	1.5	1.	1.8	29	99.0	99.	0.0
5	3	81	6	-3.4	18	95	1.1	1021.	.8	33.	1.4	2.	2.5	32	99.0	99.	0.0
5	3	81	7	-3.5	07	94	1.2	32	1.2	30.	2.5	1.	2.8	32.	99.0	99.	0.0
5	3	81	8	-3.8	-02	94	1.6	32.	1.6	29.	1.8	1.	2.8	31.	99.0	99.	0.0
5	3	81	9	-3.7	-11	93	1.9	32.	1.5	29.	2.0	1.	2.5	32.	99.0	99.	0.0
5	3	81	10	-2.4	-36	93	1.2	35.	1.0	30.	2.6	2.	1.8	34.	99.0	99.	0.0
5	3	81	11	-.3	-79	76	1.4	31.	1.5	28.	2.2	1.	1.4	7.	99.0	99.	0.0
5	3	81	12	.7	-62	68	1.1	33.	1.4	27.	2.4	1.	1.4	10.	99.0	99.	0.0
5	3	81	13	2.0	-74	54	1.0	1.	.7	27.	2.4	2.	1.4	8.	99.0	99.	0.0
5	3	81	14	4.4	-15	40	1.2	34.	1.3	26.	1.3	2.	1.4	14.	99.0	99.	0.0
5	3	81	15	1.3	-27	45	1.2	1010.	2.2	9.	2.4	6.	3.2	13.	99.0	99.	0.0
5	3	81	16	1.3	-14	73	2.9	8.	3.3	9.	5.1	2.	5.3	5.	99.0	99.	0.0
5	3	81	17	-1.6	-12	79	3.3	4.	1.5	10.	6.2	3.	5.6	5.	99.0	99.	0.0
5	3	81	18	-2.8	-07	85	10.9	2002.	1.3	12	6.6	2.	5.6	4.	99.0	99.	0.0
5	3	81	19	99.0	99.00	99.00	3.7	99.	1.5	8.	6.9	2.	6.0	4.	99.0	99.	0.0
5	3	81	20	99.0	99.00	99.00	4.6	99.	1.9	7.	7.8	2.	6.0	5.	99.0	99.	0.0
5	3	81	21	99.0	99.00	99.00	3.9	99.	2.4	5.	8.4	2.	6.0	4.	99.0	99.	0.0
5	3	81	22	99.0	99.00	99.00	4.8	99.	1.5	5.	6.7	2.	6.0	4.	99.0	99.	0.0
5	3	81	23	99.0	99.00	99.00	99.0	99.	2.2	4.	6.6	2.	5.6	4.	99.0	99.	0.0
5	3	81	24	99.0	99.00	99.00	3.2	99.	2.0	4.	7.2	2.	4.2	3.	99.0	99.	0.0
6	3	81	1	99.0	99.00	99.00	99.0	99.	1.9	2.	6.4	2.	3.9	3.	99.0	99.	0.0
6	3	81	2	-7.9	05	70	3.1	2004.	2.4	2.	4.4	2.	3.9	3.	99.0	99.	0.0
6	3	81	3	-8.4	09	77	2.7	2002.	1.8	4.	5.2	2.	4.6	2.	99.0	99.	0.0
6	3	81	4	99.0	99.00	99.00	99.0	99.	2.0	5.	4.4	2.	5.6	4.	99.0	99.	0.0
6	3	81	5	99.0	99.00	99.00	2.4	99.	1.2	7.	4.9	3.	4.9	8.	99.0	99.	0.0
6	3	81	6	99.0	99.00	99.00	1.9	99.	1.6	6.	5.2	2.	4.6	8.	99.0	99.	0.0
6	3	81	7	-10.6	14	71	99.0	2002.	1.1	18.	4.8	2.	4.9	8.	99.0	99.	0.0
6	3	81	8	99.0	99.00	99.00	2.1	99.	1.6	9.	6.3	2.	4.6	8.	99.0	99.	0.0
6	3	81	9	99.0	99.00	99.00	2.5	99.	1.5	8.	5.6	2.	4.9	7.	99.0	99.	0.0
6	3	81	10	99.0	99.00	99.00	99.0	99.	1.1	8.	5.4	2.	5.3	7.	99.0	99.	0.0
6	3	81	11	99.0	-27	56	2.6	2001.	1.4	4.	5.2	2.	5.3	7.	99.0	99.	0.0
6	3	81	12	99.0	99.00	99.00	99.0	99.	2.1	12.	5.4	2.	3.9	6.	99.0	99.	0.0
6	3	81	13	99.0	99.00	99.00	99.0	99.	4.2	11.	3.5	2.	3.5	8.	99.0	99.	0.0
6	3	81	14	99.0	99.00	99.00	2.9	99.	5.6	10.	4.1	2.	4.9	10.	99.0	99.	0.0
6	3	81	15	99.0	99.00	99.00	99.0	99.	4.1	10.	4.7	3.	4.6	5.	99.0	99.	0.0
6	3	81	16	99.0	99.00	99.00	3.3	99.	3.1	9.	4.7	2.	5.6	7.	99.0	99.	0.0
6	3	81	17	99.0	99.00	99.00	99.0	99.	2.3	9.	4.6	3.	6.0	8.	99.0	99.	0.0
6	3	81	18	99.0	99.00	99.00	3.3	99.	2.3	10.	4.2	2.	5.3	8.	99.0	99.	0.0
6	3	81	19	99.0	99.00	99.00	3.7	99.	2.5	8.	4.3	2.	5.6	8.	99.0	99.	0.0
6	3	81	20	99.0	99.00	99.00	3.7	99.	2.4	.8	4.6	3.	5.6	8.	99.0	99.	0.0
6	3	81	21	99.0	99.00	99.00	3.3	99.	1.9	8.	4.5	2.	5.3	7.	99.0	99.	0.0
6	3	81	22	99.0	99.00	99.00	3.7	99.	2.1	6.	5.0	2.	5.6	7.	99.0	99.	0.0
6	3	81	23	99.0	99.00	99.00	3.3	99.	1.5	6.	5.6	2.	5.3	7.	99.0	99.	0.0
6	3	81	24	99.0	99.00	99.00	4.7	99.	2.8	4.	6.6	2.	6.0	6.	99.0	99.	0.0

			T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
7	3	81	1	99.0	99.00	99.00	99.0	99.	1.8	6	5.4	2	6.0	5.	99.0	99.	0.0
7	3	81	2	99.0	99.00	99.00	2.8	99.	1.7	36.	4.9	2	5.3	3.	99.0	99.	0.0
7	3	81	3	99.0	99.00	99.00	2.1	99.	1.4	6	4.6	1	5.6	3	99.0	99.	0.0
7	3	81	4	99.0	99.00	99.00	99.0	99.	1.1	3	5.4	1	6.0	3.	99.0	99.	0.0
7	3	81	5	99.0	99.00	99.00	2.8	99.	1.3	8	5.9	1	4.9	2	99.0	99.	0.0
7	3	81	6	99.0	99.00	99.00	99.0	99.	1.9	32.	5.9	1	4.2	1.	99.0	99.	0.0
7	3	81	7	99.0	99.00	99.00	3.4	99.	2.6	31.	6.2	1	4.2	32.	99.0	99.	0.0
7	3	81	8	99.0	99.00	99.00	99.0	99.	2.5	32.	4.5	1.	6.7	33.	99.0	99.	0.0
7	3	81	9	99.0	99.00	99.00	3.6	99.	2.5	31	3.7	1.	6.0	33	99.0	99.	0.0
7	3	81	10	99.0	99.00	99.00	99.0	99.	3.1	28.	3.2	1	6.0	33	99.0	99.	0.0
7	3	81	11	99.0	99.00	99.00	3.1	99.	2.4	29.	2.4	1	6.0	33.	99.0	99.	0.0
7	3	81	12	99.0	99.00	99.00	99.0	99.	2.4	28.	3.1	1.	5.6	33.	99.0	99.	0.0
7	3	81	13	99.0	99.00	99.00	3.1	99.	2.8	28.	3.0	1.	5.6	33	99.0	99.	0.0
7	3	81	14	99.0	99.00	99.00	99.0	99.	2.1	28.	3.3	1.	6.0	34.	99.0	99.	0.0
7	3	81	15	-3.6	1.30	95	4.0	2000	2.3	28	3.0	1	6.0	34.	99.0	99.	0.0
7	3	81	16	99.0	99.00	99.00	4	99.	2.4	23.	2.8	1.	5.6	34.	99.0	99.	0.0
7	3	81	17	-3.5	99.00	96	3.2	2032.	2.9	28.	2.6	1	4.6	33.	99.0	99.	0.0
7	3	81	18	-5.5	73	94	99.0	2035.	2.9	28	2.4	32.	5.6	33.	99.0	99.	0.0
7	3	81	19	99.0	99.00	1.00	3.2	2029.	3.8	28	2.6	32.	4.6	99.	99.0	99.	0.0
7	3	81	20	-6.0	0.00	93	3.0	2031.	3.5	29.	2.9	32.	4.6	99.	99.0	99.	0.0
7	3	81	21	-5.9	-0.6	94	6.2	32.	3.5	28.	3.1	32.	4.6	99.	99.0	99.	0.0
7	3	81	22	-5.8	-0.7	89	3.9	32.	2.5	29.	2.8	32.	3.5	99.	99.0	99.	0.0
7	3	81	23	-5.5	-0.3	86	3.9	32.	2.9	28	2.7	32.	3.2	30.	99.0	99.	0.0
7	3	81	24	-5.3	-0.3	66	3.5	32.	2.2	28.	2.1	32.	2.8	31.	99.0	99.	0.0
8	3	81	1	-5.1	-0.2	85	2.5	31.	1.6	29.	1.6	32.	2.8	31.	99.0	99.	0.0
8	3	81	2	-5.1	-0.2	86	2.3	31.	1.4	29.	1.6	32.	2.5	32.	99.0	99.	0.0
8	3	81	3	-5.0	-0.6	87	1.8	32.	1.3	28.	1.4	34.	2.5	32	99.0	99.	0.0
8	3	81	4	-5.0	-0.3	87	2.0	31.	9	28	1.1	2.	2.1	32.	99.0	99.	0.0
8	3	81	5	-4.7	-0.3	87	1.3	31.	9	28.	1.4	2.	1.8	33.	99.0	99.	0.0
8	3	81	6	-4.7	0.1	89	7	32.	9	28	1.6	3.	1.8	33.	99.0	99.	1
8	3	81	7	-4.7	0.2	91	4	1032.	6	28.	1.5	2.	1.4	33	99.0	99.	0.0
8	3	81	8	-4.1	-0.3	88	6	16.	5	12	1.1	3	1.4	5.	99.0	99.	2
8	3	81	9	-3.8	-0.7	86	9	13	7	14.	1.4	8	2.1	12.	99.0	99.	2
8	3	81	10	-3.4	-1.5	86	1.0	13.	8	11.	1.1	10.	2.1	13.	99.0	99.	3
8	3	81	11	-3.0	-2.2	90	1.3	14.	1.1	10.	1.4	12.	2.5	13.	99.0	99.	2
8	3	81	12	-3.1	-1.1	95	1.4	13.	1.2	10.	1.5	14.	3.2	14.	99.0	99.	1
8	3	81	13	-2.5	-1.9	96	1.6	13.	9	10.	1.6	13.	3.2	13.	99.0	99.	0.0
8	3	81	14	-2.2	-0.8	97	1.5	12.	7	12.	1.2	6.	3.2	13.	99.0	99.	0.0
8	3	81	15	-2.2	-0.7	97	2.1	13.	6	12.	1.3	14.	3.2	13.	99.0	99.	1
8	3	81	16	-2.2	-0.5	96	2.4	13	5	12.	1.9	13.	3.5	14.	99.0	99.	6
8	3	81	17	-2.1	-0.3	96	1.8	12.	6	14.	1.6	14.	2.5	14.	99.0	99.	2.5
8	3	81	18	-2.0	0.2	96	1.0	11.	7	32.	9	12.	1.8	17.	99.0	99.	8
8	3	81	19	-1.7	2.0	96	7	7.	5	29.	1.2	2.	1.4	38.	99.0	99.	1.1
8	3	81	20	-1.2	-0.1	96	8	35.	5	30.	1.6	1.	5.6	32.	99.0	99.	1.5
8	3	81	21	-1.2	-0.3	96	1.0	29.	8	26.	1.2	2.	4.9	38.	99.0	99.	2.0
8	3	81	22	-9	0.2	96	1	24.	7	28.	2	10.	4.9	7.	99.0	99.	1.5
8	3	81	23	-6	0.3	96	0	1022.	8	30.	3	6.	4.9	0.	99.0	99.	9
8	3	81	24	-6	0.5	96	3	22.	1.1	29.	2	2.	5.3	0.	99.0	99.	0.0
9	3	81	1	-6	0.6	96	7	23.	1.3	29.	8	22.	2.5	32.	99.0	99.	0.0
9	3	81	2	-6	0.2	96	1.4	32.	1.2	26.	1.9	34.	2.8	33.	99.0	99.	0.0
9	3	81	3	-6	0.2	96	2.4	31.	2.5	28.	1.8	28.	2.5	99.	99.0	99.	0.0
9	3	81	4	-5	-0.1	96	2.0	30.	1.6	29.	2.1	24.	1.8	99.	99.0	99.	0.0
9	3	81	5	-8	-0.7	96	6	1009.	1.1	16.	1.5	16.	1.4	14.	99.0	99.	0.0
9	3	81	6	-1.5	0.5	96	1.4	13	1.1	8.	1.3	16.	1.8	13.	99.0	99.	0.0
9	3	81	7	-1.8	1.07	95	2.3	18	5	8.	1.4	2.	1.4	0.	99.0	99.	0.0
9	3	81	8	-2.0	0.82	96	2.4	19	9	10.	1.2	16.	1.8	18	99.0	99.	0.0
9	3	81	9	2.0	-0.1	96	2.8	20.	7	8.	2.1	16.	1.8	0.	99.0	99.	0.0
9	3	81	10	3.8	-4.4	92	2.7	20.	1.3	32.	3.1	16.	2.5	25.	99.0	99.	0.0
9	3	81	11	4.4	-3.0	83	3.6	1024.	1.2	33.	2.6	20.	5.6	23.	99.0	99.	0.0
9	3	81	12	6.2	-2.7	66	6.4	25.	1.8	17.	6.4	22.	7.0	24.	99.0	99.	0.0
9	3	81	13	6.9	-2.5	49	7.1	26.	6.9	27.	7.4	23.	4.9	27.	99.0	99.	0.0
9	3	81	14	7.0	-2.1	43	7.4	27.	5.4	26.	7.4	24.	6.0	26.	99.0	99.	0.0
9	3	81	15	7.1	-2.4	46	6.1	27.	5.7	28.	6.6	24.	5.3	26.	99.0	99.	0.0
9	3	81	16	7.0	-1.4	48	6.2	27.	6.4	29.	5.2	24.	7.7	29.	99.0	99.	0.0
9	3	81	17	7.1	-1.0	43	8.5	29.	6.4	32.	7.9	26.	10.5	31.	99.0	99.	0.0
9	3	81	18	5.6	0.2	47	9.2	30.	10.9	30.	7.0	27.	11.6	31.	99.0	99.	0.0
9	3	81	19	4.8	0.6	47	10.2	31.	11.2	31.	8.4	28.	14.0	32	99.0	99.	0.0
9	3	81	20	4.2	0.3	44	9.1	32.	8.4	32.	8.4	32.	12.3	33.	99.0	99.	0.0
9	3	81	21	3.5	0.6	42	7.6	32.	7.4	33.	7.2	31.	9.5	33.	99.0	99.	0.0
9	3	81	22	2.8	0.8	41	6.5	33.	6.6	32.	4.8	32.	6.3	32.	99.0	99.	0.0
9	3	81	23	1.7	1.0	43	4.0	31.	4.7	32.	3.5	31.	6.3	31.	99.0	99.	0.0
9	3	81	24	1.2	1.1	42	5.3	32.	4.2	32.	2.9	31.	5.6	32.	99.0	99.	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
10 3 81 1	5	14	44	3.4	32	3.4	31	3.5	32	5.3	31	99.0	99	0.0
10 3 81 2	-3	19	46	2.0	34	3.7	31	4.8	29	6.0	32	99.0	99	0.0
10 3 81 3	-1	18	46	4.3	32	4.6	32	4.9	26	5.3	31	99.0	99	0.0
10 3 81 4	-8	19	48	3.3	31	4.7	31	2.9	26	5.3	30	99.0	99	0.0
10 3 81 5	-9	21	48	4.2	31	5.9	31	2.6	26	4.9	31	99.0	99	0.0
10 3 81 6	-1.8	17	49	1.8	29	5.2	30	4.4	28	5.3	30	99.0	99	0.0
10 3 81 7	-1.9	18	49	1.8	1001	2.1	32	3.6	26	3.2	38	99.0	99	0.0
10 3 81 8	-2	-11	43	2.2	27	1.7	12	2.3	24	2.6	25	99.0	99	0.0
10 3 81 9	2.1	-18	38	1.9	26	1.4	28	2.7	24	2.8	25	99.0	99	0.0
10 3 81 10	2.4	-21	38	3.7	28	3.6	29	2.9	24	4.2	29	99.0	99	0.0
10 3 81 11	4.5	-57	36	3.7	31	3.5	31	3.1	25	4.2	33	99.0	99	0.0
10 3 81 12	5.6	-66	30	3.3	32	3.1	29	3.1	32	4.6	34	99.0	99	0.0
10 3 81 13	7.5	-80	23	2.7	32	3.6	27	2.4	32	3.2	2	99.0	99	0.0
10 3 81 14	8.7	-1.03	17	2.2	32	3.1	24	2.3	32	2.5	7	99.0	99	0.0
10 3 81 15	8.7	-83	12	1.3	1018	2.9	24	1.6	6	4.2	15	99.0	99	0.0
10 3 81 16	6.1	-48	23	2.5	18	1.8	16	2.9	17	4.6	14	99.0	99	0.0
10 3 81 17	3.3	-0.6	36	2.2	16	1.3	16	2.6	14	3.9	19	99.0	99	0.0
10 3 81 18	8	38	52	2.6	14	3.3	12	1.5	13	2.8	12	99.0	99	0.0
10 3 81 19	-9	64	75	3.2	14	4.1	10	1.6	14	2.5	13	99.0	99	0.0
10 3 81 20	-1.5	1.19	86	2.3	14	2.1	24	1.8	14	1.8	13	99.0	99	0.0
10 3 81 21	-1.3	85	80	1.8	12	9	28	1.1	1	1.4	38	99.0	99	0.0
10 3 81 22	-6	45	62	1.6	12	6	24	1.1	2	1.4	5	99.0	99	0.0
10 3 81 23	-4	55	56	2.1	11	7	28	1.8	2	1.4	0	99.0	99	0.0
10 3 81 24	-4	29	53	2.4	11	4	28	1.4	2	1.4	32	99.0	99	0.0
11 3 81 1	-9	30	59	9	14	5	26	7	7	1.4	32	99.0	99	0.0
11 3 81 2	-1.0	21	62	1.3	10	6	28	1.6	2	1.8	0	99.0	99	0.0
11 3 81 3	-9	18	65	2.0	12	1.1	10	1.4	8	3.2	12	99.0	99	0.0
11 3 81 4	-1.4	02	82	3.3	13	2.1	11	2.6	12	5.3	13	99.0	99	0.0
11 3 81 5	-2.1	-0.9	95	3.9	11	1.2	9	2.6	10	3.9	14	99.0	99	1
11 3 81 6	-2.0	-0.7	94	2.4	11	6	32	1.7	9	3.5	11	99.0	99	2
11 3 81 7	-2.1	-0.6	95	2.0	8	1.1	14	2.4	4	3.5	6	99.0	99	0.0
11 3 81 8	-1.8	-0.8	94	2.1	7	6	14	3.6	2	3.5	8	99.0	99	3
11 3 81 9	-1.5	-0.9	90	2.2	7	2.1	10	3.7	3	4.2	8	99.0	99	5
11 3 81 10	-1.5	-1.3	86	3.9	7	1.6	8	4.1	4	4.6	6	99.0	99	9
11 3 81 11	-1.4	-1.4	93	3.0	6	1.4	8	3.6	2	3.9	6	99.0	99	0.0
11 3 81 12	-1.1	-1.3	78	3.0	6	2.3	8	3.6	2	3.9	6	99.0	99	0.0
11 3 81 13	-8	-1.6	72	2.6	7	1.4	8	3.8	2	3.9	5	99.0	99	0.0
11 3 81 14	-5	-1.4	67	2.8	4	2.3	36	4.1	1	3.9	1	99.0	99	0.0
11 3 81 15	0	-1.3	61	2.4	5	1.3	10	4.0	1	2.8	3	99.0	99	0.0
11 3 81 16	2	-1.5	58	2.3	6	1.4	8	3.4	1	3.2	6	99.0	99	0.0
11 3 81 17	0	-1.0	58	2.2	7	1.9	10	2.9	4	2.8	9	99.0	99	0.0
11 3 81 18	-4	-0.4	60	2.7	8	1.8	8	3.4	4	2.8	8	99.0	99	0.0
11 3 81 19	-6	0.00	61	2.3	6	1.1	6	3.2	2	2.8	3	99.0	99	0.0
11 3 81 20	-8	-0.1	62	1.8	6	7	26	3.4	2	2.5	5	99.0	99	0.0
11 3 81 21	-8	-0.3	59	2.3	6	1.4	28	2.8	2	3.2	6	99.0	99	0.0
11 3 81 22	-1.1	02	59	1.2	6	1.2	26	3.1	2	3.5	7	99.0	99	0.0
11 3 81 23	-1.3	-0.2	57	2.2	7	8	12	3.4	3	3.2	8	99.0	99	0.0
11 3 81 24	-1.4	-0.2	54	2.3	6	7	26	3.4	3	3.2	8	99.0	99	0.0
12 3 81 1	-1.6	-0.1	57	2.1	6	8	12	3.2	4	2.8	8	99.0	99	0.0
12 3 81 2	-1.8	-0.1	51	1.9	7	6	12	3.0	4	2.1	9	99.0	99	0.0
12 3 81 3	-2.1	04	51	1.7	7	7	12	2.3	4	1.8	8	99.0	99	0.0
12 3 81 4	-2.2	01	52	1.4	7	7	10	2.8	3	2.1	8	99.0	99	0.0
12 3 81 5	-2.3	-0.2	56	1.7	8	1.9	11	2.8	4	1.8	9	99.0	99	0.0
12 3 81 6	-2.4	-0.2	62	2.0	11	2.6	10	2.1	6	3.2	12	99.0	99	0.0
12 3 81 7	-2.4	-0.6	70	3.3	12	2.7	11	2.2	10	5.3	13	99.0	99	0.0
12 3 81 8	-2.5	-1.1	78	3.3	13	3.2	12	2.3	12	5.3	13	99.0	99	0.0
12 3 81 9	-3.2	-2.3	87	3.3	2012	3.1	11	2.1	13	4.9	13	99.0	99	2
12 3 81 10	-3.2	-1.4	88	3.6	2013	3.6	12	2.3	12	4.9	13	99.0	99	4
12 3 81 11	-3.3	-3.0	93	99.0	2016	3.5	12	1.6	12	3.9	13	99.0	99	2
12 3 81 12	-3.0	-2.2	89	1.9	13	3.2	12	1.9	12	4.2	14	99.0	99	2
12 3 81 13	-2.9	-2.4	89	2.9	14	2.0	12	1.6	12	4.9	14	99.0	99	3
12 3 81 14	-3.2	-2.3	92	3.3	14	1.9	16	1.7	14	3.5	14	99.0	99	8
12 3 81 15	-2.7	-2.1	94	2.8	13	1.1	16	9	4	3.2	13	99.0	99	4
12 3 81 16	-2.4	-1.3	95	3.1	12	7	12	1.3	12	1.8	19	99.0	99	4
12 3 81 17	-1.8	-1.1	95	2.5	17	7	20	1.9	14	1.8	18	99.0	99	0.0
12 3 81 18	-1.5	-0.8	95	1.9	18	7	20	1.6	16	1.8	20	99.0	99	1
12 3 81 19	-1.4	-0.8	94	1.9	18	7	32	1.6	16	1.4	21	99.0	99	2
12 3 81 20	-1.5	-0.8	95	2.1	20	4	30	1.7	20	1.8	19	99.0	99	1
12 3 81 21	-1.6	-0.7	95	2.1	20	2	48	1.7	16	2.5	19	99.0	99	3
12 3 81 22	-1.8	-0.6	94	2.2	20	6	17	1.8	16	2.5	18	99.0	99	0.0
12 3 81 23	-1.9	-0.3	95	2.3	19	1.1	16	1.3	16	2.5	18	99.0	99	6
12 3 81 24	-1.6	-0.3	95	2.3	21	8	16	1.9	16	2.5	18	99.0	99	3

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
13 3 81 1	-1.4	-0.6	95	2.1	20.	1.1	18.	1.8	16.	1.4	21.	99.0	99.	.2
13 3 81 2	-1.4	-0.5	96	2.4	21.	.8	19.	1.9	16.	1.4	22.	99.0	99.	.3
13 3 81 3	-1.3	-0.5	95	2.2	21.	.7	20.	1.6	16.	1.8	23.	99.0	99.	.3
13 3 81 4	-1.3	-0.4	94	2.0	22.	1.0	18.	1.5	16.	1.8	22.	99.0	99.	.2
13 3 81 5	-1.3	-0.5	93	2.4	21.	1.1	16.	1.8	16.	2.1	22.	99.0	99.	.2
13 3 81 6	-1.3	-0.6	94	2.0	21.	.6	19.	1.9	16.	2.1	22.	99.0	99.	.1
13 3 81 7	-1.2	-0.6	94	1.7	20.	.8	12.	1.6	15.	1.8	21.	99.0	99.	.1
13 3 81 8	-.6	-.16	93	1.6	21.	1.1	16.	1.5	16.	1.8	17.	99.0	99.	.1
13 3 81 9	.2	-.36	91	1.6	20.	1.3	17.	1.7	16.	1.8	16.	99.0	99.	0.0
13 3 81 10	.7	-.43	89	1.7	20.	1.5	17.	1.8	16.	3.2	13.	99.0	99.	0.0
13 3 81 11	.6	-.34	89	1.1	17.	2.1	17.	1.7	13.	3.5	14.	99.0	99.	.1
13 3 81 12	.5	-.28	95	1.8	14.	2.6	16.	2.0	14.	3.9	14.	99.0	99.	.3
13 3 81 13	.8	-.33	92	1.6	17.	2.8	17.	1.6	13.	3.5	14.	99.0	99.	.7
13 3 81 14	1.5	-.42	88	1.9	18.	3.3	16.	2.1	14.	2.3	17.	99.0	99.	.3
13 3 81 15	1.4	-.37	88	1.4	18.	2.7	16.	1.9	14.	3.2	14.	99.0	99.	0.0
13 3 81 16	.5	-.21	93	1.8	17.	3.1	16.	2.1	13.	2.5	14.	99.0	99.	0.0
13 3 81 17	.2	-.11	95	1.1	16.	2.5	16.	1.9	14.	2.8	14.	99.0	99.	.2
13 3 81 18	-.2	-.03	97	1.5	12.	1.5	12.	1.9	13.	2.8	14.	99.0	99.	0.0
13 3 81 19	-.4	-.03	97	1.4	12.	1.7	16.	1.8	13.	2.1	13.	99.0	99.	0.0
13 3 81 20	-.5	-.02	97	1.1	11.	.6	14.	.9	8.	2.1	13.	99.0	99.	0.0
13 3 81 21	-.6	-.03	97	1.3	11.	.3	20.	.6	7.	1.8	12.	99.0	99.	0.0
13 3 81 22	-.5	-.02	97	1.0	9.	.3	28.	.9	8.	1.4	12.	99.0	99.	0.0
13 3 81 23	-.4	-.01	97	1.2	6.	.9	30.	1.6	2.	1.4	0.	99.0	99.	0.0
13 3 81 24	-.3	.06	97	.8	2.	.5	30.	2.0	2.	1.8	3.	99.0	99.	0.0
14 3 81 1	-.3	.02	97	2.0	5.	.7	26.	2.1	2.	1.8	7.	99.0	99.	0.0
14 3 81 2	-.0	-.01	96	2.4	6.	1.1	25.	2.1	3.	3.2	7.	99.0	99.	0.0
14 3 81 3	.1	-.03	93	3.0	5.	1.9	6.	4.5	4.	4.6	7.	99.0	99.	0.0
14 3 81 4	.1	-.05	88	3.7	6.	4.6	6.	5.9	2.	6.3	6.	99.0	99.	0.0
14 3 81 5	-2.3	-.09	82	5.2	5.	1.9	4.	8.9	3.	6.7	6.	99.0	99.	0.0
14 3 81 6	-3.4	-.09	82	4.5	6.	2.8	4.	8.1	3.	7.7	4.	99.0	99.	0.0
14 3 81 7	-4.5	-.10	78	4.9	4.	3.4	6.	6.2	2.	8.4	3.	99.0	99.	0.0
14 3 81 8	-6.1	-.12	74	5.9	4.	2.9	6.	7.8	2.	8.1	4.	99.0	99.	0.0
14 3 81 9	-6.8	-.14	69	4.7	4.	2.2	6.	8.4	2.	8.4	4.	99.0	99.	0.0
14 3 81 10	-6.9	-.24	65	5.0	5.	2.3	6.	7.9	2.	7.7	3.	99.0	99.	0.0
14 3 81 11	-6.5	-.29	59	4.9	5.	2.5	6.	6.9	2.	7.0	3.	99.0	99.	0.0
14 3 81 12	-5.8	-.37	54	4.1	3.	4.1	6.	7.9	2.	7.0	4.	99.0	99.	0.0
14 3 81 13	-5.8	-.26	54	4.0	3.	2.6	9.	6.9	3.	6.0	6.	99.0	99.	.1
14 3 81 14	-5.4	-.31	50	3.6	4.	2.8	8.	6.4	3.	5.6	5.	99.0	99.	0.0
14 3 81 15	-5.1	-.26	50	3.9	3.	2.4	7.	5.9	3.	4.9	6.	99.0	99.	0.0
14 3 81 16	-5.0	-.27	49	3.1	4.	1.4	6.	5.1	4.	4.6	6.	99.0	99.	0.0
14 3 81 17	-4.9	-.16	51	2.2	4.	1.3	8.	4.1	3.	3.9	5.	99.0	99.	0.0
14 3 81 18	-3.0	-.07	55	1.9	3.	1.2	6.	3.9	2.	3.9	4.	99.0	99.	0.0
14 3 81 19	-5.2	-.05	58	1.3	5.	1.4	3.	3.2	2.	3.9	4.	99.0	99.	0.0
14 3 81 20	-5.4	-.05	58	2.2	3.	2.4	6.	4.2	2.	4.9	4.	99.0	99.	0.0
14 3 81 21	-5.6	-.02	56	2.2	5.	1.6	6.	4.6	2.	4.9	5.	99.0	99.	0.0
14 3 81 22	-5.7	-.03	54	2.5	5.	2.6	8.	4.8	2.	4.2	5.	99.0	99.	0.0
14 3 81 23	-6.1	-.05	54	2.6	6.	3.6	8.	3.2	2.	4.9	7.	99.0	99.	0.0
14 3 81 24	-6.8	-.07	56	3.1	6.	4.1	8.	4.9	6.	5.6	8.	99.0	99.	0.0
15 3 81 1	-7.5	-.05	58	3.2	2007.	4.5	9.	5.2	6.	6.0	8.	99.0	99.	0.0
15 3 81 2	-8.5	-.10	60	3.5	5.	4.1	10.	4.3	4.	4.9	6.	99.0	99.	0.0
15 3 81 3	-9.0	-.09	67	2.7	6.	3.4	10.	4.6	4.	4.2	7.	99.0	99.	0.0
15 3 81 4	-9.2	-.10	63	2.7	8.	2.3	10.	3.9	6.	3.9	8.	99.0	99.	0.0
15 3 81 5	-9.2	-.08	67	2.7	8.	2.1	11.	2.7	4.	3.5	9.	99.0	99.	0.0
15 3 81 6	-9.3	-.08	65	2.2	7.	2.9	10.	2.8	6.	3.5	8.	99.0	99.	0.0
15 3 81 7	-9.3	-.13	68	1.6	7.	2.5	10.	3.6	3.	3.5	10.	99.0	99.	0.0
15 3 81 8	-9.0	-.15	65	1.8	8.	2.3	11.	2.2	3.	3.2	10.	99.0	99.	0.0
15 3 81 9	-8.3	-.15	65	1.2	11.	1.7	12.	1.2	6.	1.8	10.	99.0	99.	0.0
15 3 81 10	-6.8	-.52	60	.7	1006.	1.7	10.	1.5	2.	1.8	10.	99.0	99.	0.0
15 3 81 11	-4.8	-.43	60	.9	1002.	1.1	24.	.9	6.	1.4	13.	99.0	99.	0.0
15 3 81 12	-4.5	-.66	54	1.2	2023.	.9	22.	1.1	12.	1.8	10.	99.0	99.	0.0
15 3 81 13	-3.3	-.89	52	1.1	1024.	1.4	16.	1.7	16.	1.8	10.	99.0	99.	0.0
15 3 81 14	-3.7	-.42	53	.8	19.	.9	16.	1.4	14.	1.8	10.	99.0	99.	0.0
15 3 81 15	-3.6	-.30	54	.7	12.	.8	16.	1.4	13.	1.8	11.	99.0	99.	0.0
15 3 81 16	-4.6	-.28	61	1.7	13.	.9	18.	1.5	14.	5.6	13.	99.0	99.	0.0
15 3 81 17	-5.3	-.18	62	1.8	16.	1.6	18.	2.3	14.	2.8	16.	99.0	99.	0.0
15 3 81 18	-5.7	-.03	65	1.0	18.	2.6	16.	2.2	14.	2.8	17.	99.0	99.	0.0
15 3 81 19	-6.0	0.00	70	1.0	16.	2.6	16.	2.2	14.	2.5	18.	99.0	99.	0.0
15 3 81 20	-6.0	.10	73	1.8	20.	2.1	17.	1.7	20.	1.4	18.	99.0	99.	0.0
15 3 81 21	-6.4	.07	74	1.1	2020.	1.1	19.	1.9	22.	1.4	0.	99.0	99.	0.0
15 3 81 22	-6.5	.01	79	1.2	2021.	1.1	10.	1.4	17.	1.4	0.	99.0	99.	0.0
15 3 81 23	-6.6	.10	87	.8	2023.	.8	27.	1.6	14.	1.4	0.	99.0	99.	0.0
15 3 81 24	-6.7	.15	78	.4	2021.	.3	14.	1.1	16.	1.4	0.	99.0	99.	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA			
16	3	81	1	-6.7	06	80	1	2011	4	19.	1.2	2.	1.4	33.	99.0	99.	0.0
16	3	81	2	-6.6	09	80	2	2031.	5	16	1.6	2.	1.4	34.	99.0	99.	0.0
16	3	81	3	-6.3	09	79	0	2015	5	16	1.8	2.	1.1	34	99.0	99.	0.0
16	3	81	4	-6.0	09	80	99.0	2012	8	10.	2.1	3.	1.4	33.	99.0	99.	0.0
16	3	81	5	-6.1	09	90	99.0	2007	6	20	2.0	2.	1.8	33	99.0	99.	0.0
16	3	81	6	99.0	99.00	99.00	99.0	99	5	29.	1.7	2.	1.4	33.	99.0	99.	0.0
16	3	81	7	-5.6	05	84	5	2008	8	14	2.0	2.	1.1	36.	99.0	99.	0.0
16	3	81	8	-4.4	-14	75	5	2006.	7	9.	1.4	12.	1.4	1.	99.0	99.	0.0
16	3	81	9	-7.8	-64	70	7	2016.	4	36	1.1	10	1.1	9.	99.0	99.	0.0
16	3	81	10	-1.3	-64	68	99.0	2006.	7	10	9	4.	1.4	6.	99.0	99.	0.0
16	3	81	11	99.0	99.00	99.00	1.1	99.	7	28.	8	2.	1.8	9	99.0	99.	0.0
16	3	81	12	6	99.00	61	7	2011.	1.2	10	1.6	12.	2.5	12.	99.0	99.	0.0
16	3	81	13	-1.7	-41	69	1.4	2013	2.6	12	1.7	14	3.9	13.	99.0	99.	0.0
16	3	81	14	-1.0	-41	69	99.0	2012.	3.1	12	2.1	13.	4.2	12.	99.0	99.	0.0
16	3	81	15	99.0	99.00	95	2.8	2009	3.1	16.	2.2	14	5.3	13.	99.0	99.	0.0
16	3	81	16	-1.4	-37	76	2.7	2016.	3.2	15.	2.5	14.	3.9	17.	99.0	99.	0.0
16	3	81	17	-7.0	-23	82	99.0	2021.	2.8	16.	3.2	17.	2.8	17.	99.0	99.	0.0
16	3	81	18	-2.8	-07	86	1.6	2016.	2.6	13.	1.9	16.	2.1	17.	99.0	99.	0.0
16	3	81	19	-3.2	24	89	1.7	2016.	1.9	10.	1.6	14.	1.8	24.	99.0	99.	0.0
16	3	81	20	-4.0	31	93	1.3	2019.	7	27.	1.1	19	1.8	32.	99.0	99.	0.0
16	3	81	21	-4.3	25	93	99.0	2031.	9	31.	1.7	26.	1.8	0.	99.0	99.	0.0
16	3	81	22	-4.2	32	94	1.1	31.	8	32.	1.6	26.	2.5	28.	99.0	99.	0.0
16	3	81	23	-4.1	41	94	99.0	2034.	8	30	1.6	28.	2.8	32.	99.0	99.	0.0
16	3	81	24	-3.9	05	95	2.3	2033.	8	30.	2.5	28.	3.2	32.	99.0	99.	0.0
17	3	81	1	-4.0	-05	84	2.0	2034.	1.1	28.	2.6	26.	3.2	31.	99.0	99.	0.0
17	3	81	2	99.0	99.00	99.00	99.0	99.	1.8	29.	2.1	28.	3.2	31	99.0	99.	0.0
17	3	81	3	-4.5	-11	91	2.4	2031.	2.5	28.	2.2	29.	3.2	32.	99.0	99.	0.0
17	3	81	4	-4.6	-17	89	2.7	2032	1.6	29.	2.2	29	3.2	31.	99.0	99.	0.0
17	3	81	5	-5.2	-05	88	2.4	2031.	1.4	34.	2.1	32.	3.5	32.	99.0	99.	0.0
17	3	81	6	-6.4	17	89	2.1	2034.	1.1	34.	2.8	2.	4.2	33.	99.0	99.	0.0
17	3	81	7	-6.0	05	87	99.0	2032.	8	32	2.4	2.	3.2	32.	99.0	99.	0.0
17	3	81	8	-4.9	-27	80	99.0	2031	9	29.	2.6	2.	2.5	32.	99.0	99.	0.0
17	3	81	9	99.0	99.00	99.00	2.0	99.	6	29.	2.8	2.	2.5	32.	99.0	99.	0.0
17	3	81	10	-2.2	-67	67	2.1	2034.	1.5	28.	2.8	2	1.8	3.	99.0	99.	0.0
17	3	81	11	99.0	-1.28	53	99.0	2032.	2.2	28.	2.1	3.	1.8	9.	99.0	99.	0.0
17	3	81	12	99.0	-1.19	44	1.4	2032	2.5	28	1.6	2	1.8	12.	99.0	99.	0.0
17	3	81	13	99.0	99.00	99.00	3	99.	2.1	25.	1.6	3.	1.8	11.	99.0	99.	0.0
17	3	81	14	99.0	99.00	99.00	1.2	99.	1.6	24.	9	4.	3.2	13.	99.0	99.	0.0
17	3	81	15	99.0	-47	61	1.9	2013.	1.3	25.	1.9	16.	4.6	13.	99.0	99.	0.0
17	3	81	16	5	-37	76	2.5	2013.	3.4	16.	2.1	16.	5.3	13.	99.0	99.	0.0
17	3	81	17	-1	-32	80	2.9	2012.	4.3	16.	2.3	13.	4.9	13.	99.0	99.	0.0
17	3	81	18	99.0	99.00	99.00	2.6	99.	2.6	12.	2.1	13.	3.5	15.	99.0	99.	0.0
17	3	81	19	99.0	99.00	99.00	99.0	99.	2.2	12.	2.6	13.	2.1	14.	99.0	99.	0.0
17	3	81	20	-7.8	51	94	2.7	2013.	7	12	1.6	13.	1.8	16.	99.0	99.	0.0
17	3	81	21	-3.1	44	94	99.0	2013	5	26.	9	12.	1.1	99.	99.0	99.	0.0
17	3	81	22	99.0	99.00	99.00	2.5	99.	5	16.	1.3	13.	1.4	35.	99.0	99.	0.0
17	3	81	23	-3.8	59	96	2.8	2011.	5	24.	1.1	2.	1.4	34.	99.0	99.	0.0
17	3	81	24	-4.0	62	94	1.5	14.	5	24.	2.2	1.	1.4	33.	99.0	99.	0.0
18	3	81	1	-5.1	66	93	4	1016.	4	32.	1.5	1.	1.8	33	99.0	99.	0.0
18	3	81	2	-5.6	86	93	9	32.	6	32.	1.7	2.	1.8	32.	99.0	99.	0.0
18	3	81	3	-5.8	51	91	1.2	34.	1.1	32.	1.6	1.	2.1	33.	99.0	99.	0.0
18	3	81	4	-6.6	13	90	1.7	32.	8	32.	2.2	1.	2.1	33.	99.0	99.	0.0
18	3	81	5	-6.5	05	90	2.0	32.	7	29.	1.9	2.	1.8	32.	99.0	99.	0.0
18	3	81	6	-6.6	-02	90	1.1	31.	9	28	1.5	2.	2.1	31.	99.0	99.	0.0
18	3	81	7	-6.7	-17	90	1.2	32.	9	29.	1.8	1	1.8	31.	99.0	99.	0.0
18	3	81	8	-6.1	-28	90	1.2	32.	6	29.	1.7	1.	1.4	32.	99.0	99.	0.0
18	3	81	9	-5.3	-20	91	5	1020.	4	11.	1.5	1.	1.4	9.	99.0	99.	0.0
18	3	81	10	-4.9	06	92	7	12.	6	33.	9	1.	1.1	9.	99.0	99.	0.0
18	3	81	11	-3.7	-06	93	1.7	14.	1.1	12.	6	2.	2.1	13.	99.0	99.	0.0
18	3	81	12	-2.4	-10	95	1.9	15.	4	24.	3	12.	3.5	13.	99.0	99.	0.0
18	3	81	13	-9	-37	93	3.2	18	9	24.	2.1	16.	6.7	16.	99.0	99.	0.0
18	3	81	14	-1.0	-13	89	4.6	17.	5.2	16.	4.2	16.	7.7	14.	99.0	99.	.1
18	3	81	15	-1.4	-10	95	5.1	15.	5.4	12.	4.1	14.	8.1	14.	99.0	99.	.2
18	3	81	16	-1.0	0.00	96	5.9	2015.	5.9	12.	5.6	14.	9.1	14.	99.0	99.	.4
18	3	81	17	-9	0.00	96	7.1	2016.	6.9	14.	6.2	14	10.5	14.	99.0	99.	.4
18	3	81	18	99.0	99.00	99.00	7.9	99.	7.9	14.	6.4	13.	11.9	13.	99.0	99.	.4
18	3	81	19	-8	03	96	8.1	2014.	8.4	14.	6.6	14.	11.9	14.	99.0	99.	.2
18	3	81	20	-8	05	95	7.1	2018.	7.6	14.	6.7	14.	11.2	14.	99.0	99.	.4
18	3	81	21	-7	05	95	6.9	2016.	7.9	14.	6.9	14.	9.5	14.	99.0	99.	.4
18	3	81	22	-5	02	96	5.5	2016.	7.4	14.	5.4	14.	5.3	17.	99.0	99.	1.0
18	3	81	23	-3	02	95	4.0	20.	3.1	14.	3.1	16.	2.5	21.	99.0	99.	1.3
18	3	81	24	-4	05	95	1.4	19.	3.3	16.	1.9	16.	2.1	17.	99.0	99.	.9

		T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
19	3 81	1	- 9	.01	.95	2 0	19.	3.0	17	1.8	16	2.1	16.	99.0	99.	.2
19	3 81	2	-1 0	.01	.94	2 2	19.	1.7	12	1.9	16	1.8	14.	99.0	99.	.2
19	3 81	3	-1 3	.05	.94	1 6	22.	1.4	16	1.6	16	1.6	35	99.0	99.	0.0
19	3 81	4	-2.5	0.00	.92	.4	26.	.9	24	.9	14.	1.1	.99	99.0	99.	.1
19	3 81	5	-2.2	.18	.91	1 0	26.	.9	26.	1.2	16.	1.4	.9	99.0	99.	0.0
19	3 81	6	-2.1	.09	.91	1 2	26.	.8	30	.9	13.	2.1	31.	99.0	99.	0.0
19	3 81	7	-2.3	.07	.91	1.2	26.	.9	30.	1.5	26.	2.1	32.	99.0	99.	0.0
19	3 81	8	-1.4	-.17	.91	1.4	26.	1.3	30.	1.4	30.	2.5	32.	99.0	99.	0.0
19	3 81	9	-1 0	-.23	.91	2 5	27.	.8	31	1.7	2.	2.1	33.	99.0	99.	.8
19	3 81	10	1.2	-.44	.94	1.6	31.	.6	29.	1.6	28.	2.5	33.	99.0	99.	0.0
19	3 81	11	3.1	-.94	.96	2 9	32.	2.1	28	2.4	32	2.5	1.	99.0	99.	0.0
19	3 81	12	4 0	-1.73	.96	1 9	32.	3.3	28.	2.0	30.	1.8	11.	99.0	99.	0.0
19	3 81	13	6.8	-1.28	.96	.8	31.	2.5	28.	2.1	31.	2.1	12.	99.0	99.	0.0
19	3 81	14	3.2	-.55	.74	1.4	17.	1.5	26.	1.7	26.	3.2	12.	99.0	99.	0.0
19	3 81	15	1 3	-.15	.85	2.2	12.	1.1	18.	2.0	20.	4.2	13.	99.0	99.	0.0
19	3 81	16	.8	-.17	.86	2.2	13.	2.0	14.	2.1	13.	3.5	13.	99.0	99.	0.0
19	3 81	17	.2	-.13	.91	2.3	12.	1.9	14.	1.9	12.	3.5	13	99.0	99.	0.0
19	3 81	18	-.0	-.07	.92	2.2	11.	1.5	12.	1.9	12.	2.5	13.	99.0	99.	0.0
19	3 81	19	-.6	.07	.92	2 6	12.	1.1	14.	1.4	12.	2.1	13.	99.0	99.	0.0
19	3 81	20	-1.3	.07	.95	2 3	12.	.5	28.	1.3	12.	1.8	13.	99.0	99.	0.0
19	3 81	21	-1 5	-.03	.96	1.7	12.	.7	30.	.9	12.	1.8	14.	99.0	99.	0.0
19	3 81	22	-2.3	.01	.95	.7	7.	1.1	30.	1.1	8.	1.8	32.	99.0	99.	0.0
19	3 81	23	-2.1	.02	.94	1.6	34.	.9	34.	2.1	8.	1.8	32.	99.0	99.	0.0
19	3 81	24	-2.2	.16	.94	1.8	32.	1.1	34.	1.8	2.	2.5	32.	99.0	99.	0.0
20	3 81	1	-2.6	.14	.93	1.8	34.	1.1	17.	2.5	2.	2.5	33.	99.0	99.	0.0
20	3 81	2	-3.6	.21	.89	2.5	33.	.8	32.	2.1	2.	2.5	33.	99.0	99.	0.0
20	3 81	3	-4.3	.37	.87	2.7	34.	.9	32.	2.2	2.	3.2	32.	99.0	99.	0.0
20	3 81	4	-5.3	.47	.86	2.2	34.	1.2	32.	2.1	2.	2.5	32.	99.0	99.	0.0
20	3 81	5	-6.3	.68	.86	2.5	34.	.6	29.	2.1	2.	2.5	31.	99.0	99.	0.0
20	3 81	6	-6.9	.64	.85	1.9	36.	.7	28.	2.3	2.	2.5	31.	99.0	99.	0.0
20	3 81	7	-6.4	.44	.85	2.2	34.	.8	32.	2.4	2.	2.8	31.	99.0	99.	0.0
20	3 81	8	-4.9	.01	.84	1.8	35.	.8	29.	2.9	2.	2.8	32.	99.0	99.	0.0
20	3 81	9	-2.8	-.58	.71	1.7	35.	.9	28.	2.8	2.	2.1	33.	99.0	99.	0.0
20	3 81	10	-.7	-.78	.62	1.5	32.	2.1	27.	1.9	2.	1.4	10.	99.0	99.	0.0
20	3 81	11	1 3	-.69	.58	1.2	29.	1.3	26.	.6	4.	1.4	5	99.0	99.	0.0
20	3 81	12	2.2	-.48	.57	.8	30.	.4	24.	.6	8.	1.4	13.	99.0	99.	0.0
20	3 81	13	3.8	-.80	.53	1.1	29.	.7	28.	.8	13.	1.4	10.	99.0	99.	0.0
20	3 81	14	4.7	-.74	.50	1.1	1029.	.6	24.	1.1	14.	1.8	11.	99.0	99.	0.0
20	3 81	15	2.2	-.53	.63	1.8	14.	.7	24.	2.0	16.	3.9	13.	99.0	99.	0.0
20	3 81	16	.9	-.26	.72	2.1	13.	2.0	16.	2.5	16.	4.2	13.	99.0	99.	0.0
20	3 81	17	-.0	-.39	.80	1.8	14.	2.6	17.	2.3	16.	5.3	12.	99.0	99.	0.0
20	3 81	18	-2.1	-.14	.90	2.0	13.	3.6	16.	2.3	14.	2.5	13.	99.0	99.	0.0
20	3 81	19	-3.5	.27	.94	1.2	14.	1.5	14.	1.1	14.	1.8	38.	99.0	99.	0.0
20	3 81	20	-3.8	.70	.93	1.0	34.	.6	30.	.3	6.	2.1	32.	99.0	99.	0.0
20	3 81	21	-4.0	.87	.93	2.2	33.	1.1	32.	2.2	2.	2.5	32.	99.0	99.	0.0
20	3 81	22	-3.8	.58	.92	3.5	35.	1.3	32.	2.1	2.	2.1	31.	99.0	99.	0.0
20	3 81	23	-4.4	.75	.88	3.2	35.	1.1	30.	1.8	2.	2.5	32.	99.0	99.	0.0
20	3 81	24	-5.1	.96	.91	3.3	34.	1.4	32.	2.5	2.	2.5	33.	99.0	99.	0.0
21	3 81	1	-4.5	.38	.89	3.8	35.	1.4	30.	2.6	2.	2.5	33.	99.0	99.	0.0
21	3 81	2	-4.5	.11	.88	2.7	34.	1.1	30.	2.5	2.	3.2	32.	99.0	99.	0.0
21	3 81	3	-4.6	.11	.86	2.5	33.	1.5	30.	3.6	2.	3.5	32.	99.0	99.	0.0
21	3 81	4	-4.7	-.01	.83	2.3	33.	1.4	29.	2.9	2.	3.5	32.	99.0	99.	0.0
21	3 81	5	-4.8	.15	.79	3.2	35.	1.5	30.	3.4	2.	4.2	32.	99.0	99.	0.0
21	3 81	6	-4.6	.04	.77	2.8	35.	1.7	29.	3.2	2.	3.9	32.	99.0	99.	0.0
21	3 81	7	-4.4	-.06	.77	2.8	33.	1.8	29.	2.5	2.	3.9	32.	99.0	99.	0.0
21	3 81	8	-3.9	-.14	.76	1.5	33.	1.7	29.	2.6	2.	2.8	34.	99.0	99.	0.0
21	3 81	9	-3.2	-.25	.73	.8	34.	2.3	29.	2.6	2.	2.5	32.	99.0	99.	0.0
21	3 81	10	-2.3	-.27	.71	1.4	33.	2.4	29.	1.4	2.	2.8	33.	99.0	99.	0.0
21	3 81	11	-1.6	-.44	.71	1.6	32.	2.1	28.	2.0	2.	1.4	35.	99.0	99.	0.0
21	3 81	12	-.8	-.03	.69	.5	26.	1.7	28.	.8	2.	1.4	1.	99.0	99.	0.0
21	3 81	13	-.4	-.34	.76	1.0	13.	.9	28.	1.1	14.	1.4	6.	99.0	99.	0.0
21	3 81	14	-.7	-.23	.85	1.6	14.	.5	25.	.6	10.	1.8	.9	99.0	99.	0.0
21	3 81	15	-.4	-.12	.87	1.8	12.	1.8	12.	1.4	2.	2.5	10.	99.0	99.	0.0
21	3 81	16	-.4	-.11	.91	3.2	11.	4.6	11.	2.1	.9	4.6	12	99.0	99.	0.0
21	3 81	17	-.5	-.06	.96	4.4	11.	3.5	12.	2.8	10.	6.7	13.	99.0	99.	1.1
21	3 81	18	-.3	-.01	.96	4.9	2012.	4.1	12.	3.1	10.	5.6	13.	99.0	99.	.3
21	3 81	19	.3	-.01	.96	7.4	12.	4.9	12.	4.4	10.	4.9	14	99.0	99.	1.7
21	3 81	20	1.4	.14	.97	4.7	12.	5.2	10.	2.3	12.	3.5	14.	99.0	99.	5.0
21	3 81	21	2.7	.06	.96	2.9	16.	1.7	11.	1.4	14.	2.8	17.	99.0	99.	2.0
21	3 81	22	2.6	.04	.96	2.8	17.	.7	32.	1.9	14.	2.1	15.	99.0	99.	.8
21	3 81	23	2.2	.06	.96	2.4	14.	.8	32.	2.4	14.	1.8	14.	99.0	99.	.1
21	3 81	24	1.4	.05	.95	1.9	13.	1.4	28.	1.9	14.	3.2	31.	99.0	99.	.1

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	U-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
22	3 81 1	.8	.12	95	1.2	1032	1.2	28	1.5	2	3.2	32	99.0	99.0	0.0
22	3 81 2	.2	.11	95	2.4	31.	.8	28.	2.2	3	2.8	33.	99.0	99.0	0.0
22	3 81 3	.1	.07	95	2.1	32.	1.4	29.	2.6	2	2.1	32	99.0	99.0	0.0
22	3 81 4	.1	.10	95	.9	36.	1.5	28	1.9	2	2.5	32.	99.0	99.0	.1
22	3 81 5	-.0	.06	95	1.6	34.	.8	29.	2.1	2	2.1	34.	99.0	99.0	.2
22	3 81 6	-.0	.05	95	1.2	35.	.9	28.	2.1	2	1.8	33.	99.0	99.0	.5
22	3 81 7	.0	.08	95	.7	32.	1.7	29.	.9	2.	2.1	33.	99.0	99.0	.7
22	3 81 8	.5	-.01	95	.9	2.	1.1	28.	1.7	2.	1.4	20.	99.0	99.0	.3
22	3 81 9	1.1	-.14	95	1.3	12	.9	28.	.8	2	1.4	4	99.0	99.0	.2
22	3 81 10	1.2	-.04	95	2.3	14.	.6	24.	1.1	14	1.4	7	99.0	99.0	.2
22	3 81 11	1.8	.02	95	2.6	14.	.3	16.	1.6	14	4.2	13	99.0	99.0	0.0
22	3 81 12	2.6	-.03	96	3.0	16.	2.6	16	2.5	16	6.0	13	99.0	99.0	.5
22	3 81 13	3.3	-.04	95	3.6	17.	3.6	16.	3.1	17	3.9	15.	99.0	99.0	.5
22	3 81 14	3.9	-.03	95	4.2	19.	3.6	12.	3.4	17	4.6	14.	99.0	99.0	.1
22	3 81 15	3.5	-.01	94	3.5	17.	3.3	12.	2.3	16.	6.3	13	99.0	99.0	0.0
22	3 81 16	3.0	.08	93	3.8	15.	5.4	14.	2.7	15.	4.6	15	99.0	99.0	1.1
22	3 81 17	4.1	.03	92	4.7	19.	3.6	14.	3.6	16.	4.6	16.	99.0	99.0	.3
22	3 81 18	3.8	.06	90	4.4	18.	4.0	12.	3.6	16.	4.9	14.	99.0	99.0	.3
22	3 81 19	3.4	.07	91	3.6	18.	5.2	12.	2.9	16.	4.2	14	99.0	99.0	.1
22	3 81 20	3.9	.13	91	3.7	19.	4.4	12.	2.8	16.	4.9	14.	99.0	99.0	1.1
22	3 81 21	3.8	.05	92	4.5	18.	4.2	12.	4.6	16.	4.2	16	99.0	99.0	1.8
22	3 81 22	3.6	.02	92	4.7	19.	3.1	12.	3.4	17.	4.2	18.	99.0	99.0	.7
22	3 81 23	3.7	.02	93	3.2	19.	3.6	16.	2.3	16.	2.5	22.	99.0	99.0	.8
22	3 81 24	2.3	.04	90	3.2	1022.	5.2	24.	3.2	21	7.7	30.	99.0	99.0	.2
23	3 81 1	1.5	.02	78	6.7	31.	6.6	30.	4.8	28.	5.3	30.	99.0	99.0	.1
23	3 81 2	1.6	.03	72	4.7	30.	3.5	28.	4.0	26.	3.2	27.	99.0	99.0	0.0
23	3 81 3	1.3	.12	69	3.4	28.	1.1	28.	2.8	24.	2.5	26.	99.0	99.0	0.0
23	3 81 4	.9	.17	67	2.5	27.	.5	28.	2.2	24.	3.2	26.	99.0	99.0	0.0
23	3 81 5	.9	.20	64	2.4	26.	3.4	24.	1.4	22.	3.5	27.	99.0	99.0	0.0
23	3 81 6	2.1	.17	57	6.4	28	6.6	29.	4.9	26.	4.6	27.	99.0	99.0	0.0
23	3 81 7	2.2	.01	51	8.5	28	5.4	29.	4.9	26.	4.9	27.	99.0	99.0	0.0
23	3 81 8	3.5	-.05	45	7.5	28.	6.6	28.	5.6	26.	4.6	27.	99.0	99.0	0.0
23	3 81 9	4.4	-.13	41	4.7	27.	4.9	28.	4.7	26.	4.2	27.	99.0	99.0	0.0
23	3 81 10	4.9	-.18	36	5.6	28.	5.2	28.	5.4	25.	4.9	27.	99.0	99.0	0.0
23	3 81 11	5.6	-.28	28	5.6	27.	6.9	28.	5.4	25.	6.0	24.	99.0	99.0	0.0
23	3 81 12	5.3	-.24	36	6.0	26.	5.6	26.	7.3	24.	5.3	24.	99.0	99.0	0.0
23	3 81 13	5.8	-.21	37	5.0	25.	5.4	25.	5.4	24.	6.0	24.	99.0	99.0	0.0
23	3 81 14	6.5	-.36	34	5.6	26.	6.2	26.	6.9	25.	4.6	25.	5.0	29.	0.0
23	3 81 15	6.3	-.23	37	4.5	26.	7.2	26.	5.9	24.	4.6	23.	4.5	28.	0.0
23	3 81 16	5.4	-.17	46	3.9	23.	4.9	25.	4.7	24.	4.2	23.	4.0	29.	0.0
23	3 81 17	4.5	-.09	53	3.7	21.	4.1	24.	3.0	20.	3.5	18.	3.5	23.	0.0
23	3 81 18	3.1	-.04	75	4.3	21.	3.8	21.	2.6	17.	4.6	20.	3.0	21.	0.0
23	3 81 19	2.3	.05	83	2.5	19.	3.3	12.	2.0	16.	3.5	21.	3.0	24.	0.0
23	3 81 20	1.8	.06	87	2.4	18.	3.5	12.	2.0	15.	2.5	18.	3.0	19.	0.0
23	3 81 21	1.1	.04	93	2.5	13.	2.5	12.	1.9	10.	3.5	14.	3.5	18.	0.0
23	3 81 22	.7	-.02	96	2.2	16.	3.9	16.	2.1	14.	3.5	13	3.0	18.	0.0
23	3 81 23	.6	-.02	96	2.7	12.	1.8	12.	1.1	6.	3.2	10.	2.8	15.	0.0
23	3 81 24	.8	-.05	92	2.8	9.	1.2	12.	2.1	6.	1.8	7.	2.7	11.	0.0
24	3 81 1	1.0	-.05	86	2.7	9.	1.3	10.	2.6	2.	1.8	8.	3.2	4.	0.0
24	3 81 2	1.3	-.00	83	2.9	10.	2.1	10.	3.6	5.	3.5	10.	2.9	11.	0.0
24	3 81 3	.7	-.01	92	3.1	9.	2.1	10.	2.8	6.	2.5	7.	2.8	11.	.4
24	3 81 4	.1	-.02	93	2.8	6.	2.4	9.	4.2	3.	4.6	6.	2.7	5.	.4
24	3 81 5	.1	-.02	93	2.1	6.	1.1	8.	4.4	2	3.9	4.	2.7	5.	.2
24	3 81 6	.1	.00	93	2.1	5.	1.5	30.	3.9	2.	4.2	3.	3.4	4.	.2
24	3 81 7	.1	-.04	93	3.5	3.	1.5	34.	4.9	2.	4.9	2.	4.0	2.	.2
24	3 81 8	.4	-.05	91	3.7	.3	2.1	34.	5.4	2.	6.0	3	5.5	2.	.1
24	3 81 9	.7	-.09	89	3.8	2.	1.8	32.	6.2	2.	3.9	36.	5.6	2.	0.0
24	3 81 10	1.0	-.09	86	4.2	2.	1.4	29.	5.2	2.	3.5	1.	4.0	2.	0.0
24	3 81 11	1.7	-.14	81	4.4	3.	1.4	18.	5.6	2.	2.5	34.	4.2	4.	0.0
24	3 81 12	2.0	-.10	79	3.7	2.	2.8	36.	3.5	2.	3.2	1.	3.5	3.	0.0
24	3 81 13	2.8	-.17	75	3.0	2.	3.6	36.	4.8	2.	4.6	1.	3.0	2.	0.0
24	3 81 14	4.6	-.34	65	3.4	0.	2.6	36.	4.9	1.	4.6	35.	3.0	36.	0.0
24	3 81 15	5.9	-.42	57	3.8	36.	3.3	36.	3.7	1.	3.2	2.	1.8	36.	0.0
24	3 81 16	6.6	-.48	54	2.4	2.	1.7	36.	2.8	2.	1.8	13.	1.5	38.	0.0
24	3 81 17	7.3	-.75	48	1.0	2	1.1	24.	1.5	2.	2.5	18.	2.3	38.	0.0
24	3 81 18	4.5	-.05	58	1.3	19.	1.5	19.	1.6	16	3.2	17.	2.0	20.	0.0
24	3 81 19	2.3	.13	76	2.1	19.	1.6	16	1.9	16.	2.1	38.	1.5	19.	0.0
24	3 81 20	.9	.19	86	1.3	1021.	1.4	8.	1.4	14.	1.8	34.	.8	19.	0.0
24	3 81 21	1.0	.36	88	1.3	25.	.8	29.	.7	6.	1.4	31.	.6	24.	0.0
24	3 81 22	.4	.38	90	1.1	29.	.8	29.	.7	2.	1.4	12.	.5	38.	0.0
24	3 81 23	-.1	.90	92	2.1	26.	.7	28.	.9	4.	2.1	38.	.5	9.	0.0
24	3 81 24	-1.6	.91	96	1.5	32.	.9	26.	1.1	2.	2.1	31.	.5	29.	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
25 3 81 1	-2.0	1.05	96	3.1	33	7	24	1.6	2	2.8	32	1.5	34	0.0
25 3 81 2	-1.6	.77	90	3.6	33	1.1	34	2.2	2	2.5	32	2.0	36	0.0
25 3 81 3	-1.6	.48	79	3.9	35	1.6	32	2.3	1	3.2	31	2.0	2	0.0
25 3 81 4	-2.2	.44	82	2.8	32	1.5	32	1.1	2	3.2	31	1.2	1	0.0
25 3 81 5	-3.0	1.15	88	2.9	32	1.6	29	1.6	2	2.8	32	1.0	36	0.0
25 3 81 6	-3.1	.66	85	2.8	34	.8	30	2.1	1	2.8	32	1.4	1	0.0
25 3 81 7	-1.4	.35	74	3.3	34	1.1	32	2.1	1	3.5	31	1.9	2	0.0
25 3 81 8	-.0	-.11	70	2.5	32	1.6	28	.9	4	2.8	31	2.0	2	0.0
25 3 81 9	2.4	.06	59	2.0	6	2.3	28	1.2	2	1.8	32	1.9	2	0.0
25 3 81 10	3.0	-.16	47	3.0	6	1.7	28	2.6	2	3.2	9	1.8	2	0.0
25 3 81 11	3.0	-.17	48	3.8	8	1.8	12	4.9	6	4.6	10	2.0	10	0.0
25 3 81 12	2.7	-.15	54	2.9	9	3.4	11	4.1	6	4.2	9	3.1	11	0.0
25 3 81 13	2.6	-.17	53	2.9	9	2.7	11	4.2	4	4.2	10	3.2	12	0.0
25 3 81 14	2.2	-.10	67	3.3	9	3.3	10	4.1	6	4.2	9	3.2	10	0.0
25 3 81 15	.5	-.06	92	2.8	7	1.9	10	4.2	3	1.8	10	3.0	7	4
25 3 81 16	-.1	-.01	96	1.7	10	.9	12	2.9	4	1.4	10	2.2	15	.9
25 3 81 17	-.1	.00	96	1.5	8	.5	12	2.4	2	2.1	5	2.0	3	0.0
25 3 81 18	-.0	-.01	95	2.6	7	.7	32	4.8	2	3.2	6	.9	3	.6
25 3 81 19	.0	-.02	94	2.7	7	1.4	32	4.6	2	2.8	3	.8	6	1.5
25 3 81 20	-.0	-.02	95	2.6	5	1.1	32	3.9	2	3.2	3	1.8	3	1.3
25 3 81 21	.1	-.01	93	1.7	3	1.6	32	3.8	1	3.5	2	2.2	3	1.2
25 3 81 22	.1	-.02	93	2.9	4	2.2	34	4.6	1	3.5	1	2.6	4	1.0
25 3 81 23	.1	-.01	93	2.4	1	2.1	34	4.2	2	2.8	32	2.2	3	0.0
25 3 81 24	-.0	-.01	94	2.0	36	1.4	29	3.3	2	3.2	31	3.0	2	0.0
26 3 81 1	.1	-.02	91	2.5	36	1.4	28	1.7	2	3.2	32	99.0	99	0.0
26 3 81 2	.2	0.00	90	2.7	1	.9	29	1.9	2	2.8	31	99.0	99	0.0
26 3 81 3	.2	.05	90	2.0	1	1.1	28	1.1	3	2.5	31	99.0	99	0.0
26 3 81 4	.2	.04	89	2.3	2	1.1	28	1.2	2	2.5	32	99.0	99	0.0
26 3 81 5	.2	-.01	89	2.6	2	.9	29	2.8	1	2.5	31	99.0	99	0.0
26 3 81 6	.2	-.03	90	2.2	1	1.3	28	2.1	2	2.5	31	99.0	99	0.0
26 3 81 7	.2	-.03	91	2.2	2	1.1	26	1.8	1	2.1	31	99.0	99	0.0
26 3 81 8	1.0	-.13	89	1.0	36	1.4	26	1.7	1	2.5	33	99.0	99	0.0
26 3 81 9	1.4	-.18	88	1.0	1	1.1	26	2.7	1	3.2	33	99.0	99	0.0
26 3 81 10	1.5	-.14	88	1.8	2	1.2	27	3.0	1	3.5	2	99.0	99	0.0
26 3 81 11	1.6	-.17	87	1.9	3	1.6	27	3.3	1	4.6	3	99.0	99	0.0
26 3 81 12	2.3	-.22	83	2.4	4	1.2	28	4.9	1	5.3	3	99.0	99	0.0
26 3 81 13	2.6	-.23	81	2.8	4	1.2	24	5.2	1	5.6	3	99.0	99	0.0
26 3 81 14	2.2	-.16	82	2.8	4	1.3	10	5.4	1	5.3	3	99.0	99	0.0
26 3 81 15	2.0	-.11	84	3.1	4	1.1	8	4.9	2	4.6	3	99.0	99	0.0
26 3 81 16	1.8	-.11	85	2.4	5	1.6	10	3.8	2	3.5	3	99.0	99	0.0
26 3 81 17	1.4	-.06	88	1.7	2	1.3	10	4.2	1	4.2	2	99.0	99	.1
26 3 81 18	1.0	-.03	92	1.8	1	1.3	6	4.8	1	3.5	1	99.0	99	.4
26 3 81 19	.7	-.03	94	2.1	1	1.1	4	4.5	2	2.5	32	99.0	99	.4
26 3 81 20	.6	-.02	94	2.8	1	1.7	4	3.8	2	2.5	32	99.0	99	.4
26 3 81 21	.8	-.00	93	3.1	2	1.6	33	3.1	2	2.8	31	99.0	99	.4
26 3 81 22	.6	-.01	93	2.0	1	1.6	32	3.4	2	3.2	31	99.0	99	.6
26 3 81 23	.4	.03	95	2.2	35	2.1	29	1.6	1	3.2	32	99.0	99	.4
26 3 81 24	.2	.05	96	2.5	34	1.4	29	1.2	2	3.5	32	99.0	99	.3
27 3 81 1	.0	.09	96	2.5	35	1.1	29	1.5	2	3.2	32	99.0	99	.8
27 3 81 2	.3	.11	96	2.0	36	.9	28	2.1	2	2.8	32	99.0	99	.2
27 3 81 3	.4	.05	95	2.3	0	.8	26	1.9	1	3.2	32	99.0	99	.2
27 3 81 4	.5	.02	94	2.3	0	.7	30	2.2	1	2.8	33	99.0	99	.3
27 3 81 5	.5	.02	94	2.4	2	.6	12	3.3	2	2.8	0	99.0	99	.1
27 3 81 6	.6	.01	93	2.5	4	.9	8	3.1	1	2.8	1	99.0	99	0.0
27 3 81 7	.8	.07	91	2.5	5	1.6	6	2.5	2	2.5	2	99.0	99	0.0
27 3 81 8	1.1	-.08	90	2.1	6	1.1	7	2.6	2	2.8	5	99.0	99	0.0
27 3 81 9	1.1	-.13	88	2.9	7	1.3	8	3.1	4	2.8	9	99.0	99	0.0
27 3 81 10	1.3	-.14	85	1.6	9	1.7	12	2.4	6	2.8	11	2.1	10	0.0
27 3 81 11	1.6	-.19	83	1.9	10	2.0	12	1.5	6	2.1	11	2.0	13	0.0
27 3 81 12	2.2	-.19	78	1.8	10	2.4	12	1.6	8	2.8	12	1.9	15	0.0
27 3 81 13	2.0	-.15	79	2.2	11	2.4	11	1.8	8	3.2	13	2.0	15	0.0
27 3 81 14	1.9	-.16	80	2.1	12	3.0	12	2.1	11	3.5	13	3.0	16	0.0
27 3 81 15	1.8	-.18	81	2.2	13	2.9	12	1.7	12	3.9	13	2.8	17	0.0
27 3 81 16	1.6	-.13	80	2.0	14	2.3	12	1.8	16	3.9	14	2.9	18	0.0
27 3 81 17	1.4	-.16	80	1.8	14	1.8	16	1.9	16	3.5	13	2.5	18	0.0
27 3 81 18	1.0	-.08	84	1.5	14	2.1	18	2.1	14	3.5	14	2.0	18	0.0
27 3 81 19	.7	-.01	86	1.6	14	1.5	18	1.6	14	1.8	20	2.0	19	0.0
27 3 81 20	.5	.09	83	1.6	13	1.1	17	1.1	13	1.4	10	2.0	19	0.0
27 3 81 21	.1	.27	90	2.0	12	.7	12	1.1	12	1.4	34	2.0	18	0.0
27 3 81 22	.3	.09	89	1.3	13	.7	10	.9	14	1.4	30	1.8	22	0.0
27 3 81 23	.2	.07	90	.3	18	.4	10	1.1	13	1.4	34	1.1	38	0.0
27 3 81 24	.3	.05	89	1.3	10	.3	8	1.5	3	1.1	36	1.1	3	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA		
28	3 81	1	2	01	95	1.4	12	3	26	1.1	4	1.4	8	1.0	6	0.0
28	3 81	2	3	04	96	1.9	11	3	10	1.4	2	1.4	8	9	16	0.0
28	3 81	3	4	04	94	1.8	13	2	32	1.3	6	1.4	10	1.0	17	0.0
28	3 81	4	4	05	93	2.4	12	3	16	1.5	14	2.1	12	1.2	18	0.0
28	3 81	5	5	04	93	2.0	12	1.1	10	1.1	8	1.8	12	1.6	18	0.0
28	3 81	6	6	07	94	2.3	13	2	24	1.6	14	3.2	13	2.2	19	0.0
28	3 81	7	9	03	94	2.9	13	8	12	2.4	14	4.9	14	2.5	18	0.0
28	3 81	8	1.1	05	92	2.9	14	2.0	12	2.4	13	5.3	14	3.6	18	0.0
28	3 81	9	1.2	10	90	3.4	15	2.9	12	3.1	14	6.7	14	5.2	17	0.0
28	3 81	10	1.5	17	86	4.1	15	4.6	16	3.6	14	6.7	14	5.0	18	0.0
28	3 81	11	1.8	24	76	3.7	16	5.2	16	3.2	16	6.7	14	5.0	18	0.0
28	3 81	12	1.7	34	75	4.3	15	4.4	16	3.9	14	6.3	14	4.6	18	0.0
28	3 81	13	2.0	39	67	4.3	15	4.5	17	3.2	14	6.3	14	4.8	18	0.0
28	3 81	14	1.6	26	70	4.0	15	4.1	20	3.5	14	6.0	14	4.2	17	0.0
28	3 81	15	1.3	24	72	3.8	15	3.7	17	3.2	13	4.9	14	4.0	18	0.0
28	3 81	16	1.2	21	76	2.9	14	2.9	18	2.6	14	3.5	13	3.6	18	0.0
28	3 81	17	9	13	78	1.3	12	2.4	17	1.4	14	1.8	10	3.1	18	0.0
28	3 81	18	7	10	78	9	9	1.4	12	1.3	7	1.8	12	2.5	14	0.0
28	3 81	19	5	00	79	9	10	7	8	1.1	10	1.4	13	2.5	15	0.0
28	3 81	20	4	10	78	1.1	9	6	28	1.0	7	1.4	0	2.1	16	0.0
28	3 81	21	5	16	76	1.9	9	7	10	1.6	2	1.4	33	1.0	13	0.0
28	3 81	22	4	08	79	1.0	6	7	29	1.9	2	1.4	34	5	9	0.0
28	3 81	23	3	15	80	9	5	8	10	1.8	2	1.4	1	5	3	0.0
28	3 81	24	3	11	76	1.4	6	6	32	1.5	2	1.4	33	4	36	0.0
29	3 81	1	-4	23	77	1.4	5	3	24	2.0	2	1.1	99	0.0	37	0.0
29	3 81	2	-1.3	48	79	1.5	7	4	26	1.2	2	1.1	12	0.0	37	0.0
29	3 81	3	-1.8	46	81	1.6	8	5	24	9	3	1.4	7	0.0	37	0.0
29	3 81	4	-1.7	38	78	2.0	11	4	27	3	2	1.8	31	9	38	0.0
29	3 81	5	-1.3	44	85	1.2	7	2	32	1.2	2	1.4	33	1.0	3	0.0
29	3 81	6	-1.0	19	87	1.0	5	7	29	1.7	2	1.4	33	1.0	3	0.0
29	3 81	7	1	02	81	1.0	6	2	28	1.7	2	1.4	32	8	1	0.0
29	3 81	8	1.0	16	76	1.0	6	4	28	2.1	1	1.1	3	6	1	0.0
29	3 81	9	2.5	39	66	1.6	13	6	28	1.7	2	2.1	7	8	38	0.0
29	3 81	10	3.4	61	61	1.8	16	4	24	1.4	16	2.5	13	2.2	18	0.0
29	3 81	11	4.6	65	58	1.4	14	1.6	10	1.5	20	1.8	10	3.0	17	0.0
29	3 81	12	5.2	59	53	1.4	14	1.2	10	1.6	24	1.8	4	2.2	18	0.0
29	3 81	13	5.6	54	52	1.6	13	1.7	14	1.2	24	2.5	11	2.2	17	0.0
29	3 81	14	5.7	51	53	2.2	16	1.9	10	2.2	16	4.9	14	2.5	18	0.0
29	3 81	15	4.7	40	51	2.5	15	3.0	12	2.4	17	3.5	13	2.6	18	0.0
29	3 81	16	5.1	35	49	1.2	13	2.4	18	1.5	16	2.5	13	2.0	18	0.0
29	3 81	17	4.9	24	49	8	11	1.5	20	1.2	16	1.8	38	1.5	38	0.0
29	3 81	18	3.9	00	54	1.3	3	1.3	12	1.1	1	2.1	33	1.1	9	0.0
29	3 81	19	3.1	18	58	2.0	3	9	28	1.7	2	2.1	31	1.2	2	0.0
29	3 81	20	3.0	15	59	2.0	2	9	29	2.1	1	2.5	32	0.0	37	0.0
29	3 81	21	2.7	21	62	2.6	2	1.2	32	3.1	2	1.8	31	1.5	99	0.0
29	3 81	22	2.4	16	64	2.5	2	1.1	28	2.4	2	2.1	32	1.6	99	0.0
29	3 81	23	2.0	21	68	2.2	2	1.3	28	3.7	2	2.1	32	2.0	99	0.0
29	3 81	24	1.5	29	68	1.6	1	6	26	2.1	2	2.5	31	1.8	99	0.0
30	3 81	1	1.2	38	69	1.7	2	8	27	7	6	2.5	31	1.2	2	0.0
30	3 81	2	1.2	28	69	1.9	3	9	28	1.4	2	2.5	32	1.2	36	0.0
30	3 81	3	1.1	18	70	2.1	3	1.4	28	2.3	3	2.5	32	1.3	34	0.0
30	3 81	4	1.1	17	71	2.1	2	1.3	26	2.6	2	2.1	32	1.8	2	0.0
30	3 81	5	9	17	70	2.4	5	7	26	3.6	2	2.5	6	2.0	3	0.0
30	3 81	6	7	08	69	2.8	6	9	26	3.4	2	3.2	6	2.5	99	0.0
30	3 81	7	8	03	68	2.5	5	9	24	3.6	2	3.5	7	2.5	99	0.0
30	3 81	8	1.5	13	65	1.9	7	1.8	16	3.4	2	3.5	4	3.0	99	0.0
30	3 81	9	2.8	23	59	3.3	4	2.2	8	4.6	2	4.6	2	3.2	99	0.0
30	3 81	10	4.6	36	55	3.3	1	2.5	6	5.2	1	4.9	3	3.5	99	0.0
30	3 81	11	5.3	38	49	3.7	3	2.7	6	3.1	3	4.6	5	5.0	99	0.0
30	3 81	12	6.6	41	45	2.7	2	2.1	4	5.1	4	3.9	7	3.3	99	0.0
30	3 81	13	8.5	72	38	1.7	1	1.6	8	3.2	4	2.1	9	2.6	99	0.0
30	3 81	14	9.5	83	32	1.8	3	1.6	14	2.6	4	1.8	9	2.0	99	0.0
30	3 81	15	9.7	58	29	1.6	6	1.5	20	1.9	5	2.5	14	1.0	99	0.0
30	3 81	16	8.6	62	34	2.1	14	1.8	20	2.0	12	3.9	14	2.2	19	0.0
30	3 81	17	8.1	69	36	1.7	14	2.8	16	2.1	16	3.5	14	2.4	19	0.0
30	3 81	18	6.9	29	39	1.6	13	2.1	14	1.5	12	2.5	17	2.1	19	0.0
30	3 81	19	4.7	76	45	1.2	12	1.5	12	9	12	1.4	35	2.2	22	0.0
30	3 81	20	4.1	48	45	1.3	15	1.1	12	6	20	1.8	30	9	38	0.0
30	3 81	21	2.3	1.15	61	1.7	33	6	32	6	8	1.8	38	6	9	0.0
30	3 81	22	1.1	1.20	74	3.0	32	1.2	32	1.3	4	1.8	33	8	30	0.0
30	3 81	23	6	1.07	77	3.0	35	9	32	1.6	2	2.1	32	0.0	37	0.0
30	3 81	24	-9	1.26	87	2.5	35	9	34	1.6	2	2.1	32	0.0	37	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
31 3 81 1	-1.6	1.36	.92	2.4	35	.8	32	1.1	2	2.1	33	1.0	99	0.0
31 3 81 2	-2.0	.94	.93	1.5	33	1.2	29	1.1	2	2.5	32	1.0	99	0.0
31 3 81 3	-2.2	.99	.95	2.6	34	.9	30	1.4	2	3.2	31	1.5	99	0.0
31 3 81 4	-1.9	.63	.89	3.6	34	.7	33	2.2	1	2.8	33	1.8	99	0.0
31 3 81 5	-1.7	.46	.84	2.8	34	.9	32	2.1	2	1.4	0	2.0	99	0.0
31 3 81 6	-2.1	.54	.87	1.7	33	.9	30	1.6	1	2.8	32	1.8	99	0.0
31 3 81 7	-.1	.78	.83	1.8	34	.7	32	2.1	2	2.1	35	1.2	99	0.0
31 3 81 8	1.3	-.03	.77	2.3	34	.9	32	1.9	2	1.8	1	1.1	99	0.0
31 3 81 9	5.0	-.56	.59	2.0	34	.6	32	2.1	1	1.8	4	.6	99	0.0
31 3 81 10	7.0	-.64	.54	2.0	33	.8	29	2.5	2	1.4	10	1.6	99	0.0
31 3 81 11	8.9	-.68	.51	1.9	32	1.6	25	2.3	2	1.8	12	1.7	99	0.0
31 3 81 12	10.5	-.74	.35	1.5	31	.6	24	1.7	2	1.4	10	1.5	99	0.0
31 3 81 13	12.5	-.66	.28	1.6	30	.6	26	.9	22	1.8	12	1.2	9	0.0
31 3 81 14	13.7	-.64	.26	.9	29	1.4	27	1.3	18	3.5	13	1.6	14	0.0
31 3 81 15	9.0	-.12	.45	2.5	12	1.1	25	2.1	17	4.6	13	2.8	19	0.0
31 3 81 16	8.8	-.14	.48	2.2	12	3.4	16	1.7	14	3.2	13	3.0	19	0.0
31 3 81 17	11.3	-.86	.38	1.2	15	1.3	18	1.5	16	1.8	14	2.0	22	0.0
31 3 81 18	12.2	-.66	.33	.8	17	2.9	16	1.4	18	1.4	38	1.2	21	0.0
31 3 81 19	8.1	.71	.42	1.1	11	.9	14	.7	12	1.4	7	0.0	37	0.0
31 3 81 20	7.2	.95	.48	1.3	2	1.2	32	.9	2	1.4	0	.9	38	0.0
31 3 81 21	5.1	1.60	.61	2.2	1	.7	29	1.3	2	1.8	31	.6	12	0.0
31 3 81 22	4.1	1.57	.68	2.7	1	.3	32	1.8	2	1.4	16	.8	18	0.0
31 3 81 23	3.4	1.99	.74	2.6	1	1.3	29	1.1	3	1.8	38	.9	6	0.0
31 3 81 24	3.8	1.20	.69	1.9	2	1.1	29	2.1	2	2.1	32	.9	1	0.0
1 4 81 1	1.7	1.84	.83	2.7	33	2.1	29	1.1	4	2.5	32	.9	3	0.0
1 4 81 2	1.1	1.86	.85	2.5	34	1.2	29	1.0	1	2.5	32	.8	6	0.0
1 4 81 3	.8	1.19	.87	2.5	35	1.4	32	2.2	1	2.1	32	.9	34	0.0
1 4 81 4	-.0	1.61	.91	2.7	36	1.1	32	2.4	1	2.1	32	1.8	3	0.0
1 4 81 5	.2	1.52	.89	2.1	2002	1.2	29	2.1	1	2.5	31	1.0	99	0.0
1 4 81 6	.8	.55	.90	99.0	2001	1.4	29	2.3	2	3.2	31	1.8	99	0.0
1 4 81 7	.2	1.42	.90	2.6	2034	2.0	28	1.5	2	3.2	31	1.9	99	0.0
1 4 81 8	2.2	.46	.89	3.0	2035	1.8	28	2.2	2	2.5	31	1.9	99	0.0
1 4 81 9	99.0	99.00	99.00	99.0	99	1.8	26	1.4	2	2.1	31	2.1	99	0.0
1 4 81 10	99.0	99.00	.86	2.7	2002	1.9	27	4.6	3	2.1	4	2.1	99	0.0
1 4 81 11	99.0	-.14	.54	2.6	2007	2.9	8	4.9	3	3.5	5	2.5	99	0.0
1 4 81 12	99.0	-.03	.54	5.9	2006	1.9	9	3.4	6	3.5	7	2.4	99	0.0
1 4 81 13	99.0	-.14	.51	3.0	2006	2.5	10	4.1	6	4.6	8	2.5	9	0.0
1 4 81 14	99.0	-.11	.50	3.3	2006	1.9	8	4.6	6	4.6	8	2.8	9	0.0
1 4 81 15	7.1	.07	.51	3.5	2008	2.1	10	4.3	3	4.2	7	3.0	9	0.0
1 4 81 16	99.0	99.00	.69	2.0	2002	1.7	12	3.0	2	2.8	8	2.2	9	0.0
1 4 81 17	6.9	.09	.53	2.6	2007	1.5	12	4.0	3	3.2	3	1.9	7	0.0
1 4 81 18	6.5	.05	.51	99.0	2008	1.1	12	2.9	3	2.8	7	2.0	4	0.0
1 4 81 19	6.1	.09	.63	2.1	2011	1.1	26	3.1	3	3.2	7	2.1	2	0.0
1 4 81 20	5.9	.14	.54	2.3	2008	1.1	8	2.6	2	2.1	5	2.0	3	0.0
1 4 81 21	5.6	.33	.55	99.0	2007	1.4	6	2.5	2	2.5	5	1.5	1	0.0
1 4 81 22	5.6	.13	.56	2.5	2006	1.1	9	2.7	2	2.1	6	1.6	3	0.0
1 4 81 23	5.2	.09	.57	2.4	2009	1.1	26	2.8	2	1.8	9	1.5	34	0.0
1 4 81 24	5.1	.09	.78	99.0	2006	1.2	26	3.4	3	1.8	9	1.8	36	0.0
2 4 81 1	4.8	.08	.58	2.4	2008	1.1	24	2.9	4	1.8	10	1.8	12	0.0
2 4 81 2	4.5	.05	.60	1.8	2007	.8	26	2.3	2	2.1	8	1.6	18	0.0
2 4 81 3	4.1	.18	.62	99.0	2010	.9	26	1.6	2	1.8	9	1.6	38	0.0
2 4 81 4	4.0	.05	.63	2.2	2009	1.6	16	1.4	4	2.1	13	0.0	37	0.0
2 4 81 5	3.5	.09	.74	2.4	2006	1.6	12	1.5	6	2.8	13	1.0	17	0.0
2 4 81 6	3.7	.25	.67	99.0	2010	1.9	12	1.4	5	2.5	12	1.2	18	0.0
2 4 81 7	3.3	.07	.65	2.9	2012	2.8	10	1.5	4	2.1	13	1.8	18	0.0
2 4 81 8	3.6	-.04	.67	3.8	10	2.8	12	2.1	6	1.8	10	1.5	21	0.0
2 4 81 9	3.9	-.03	.64	2.6	11	3.1	12	2.5	7	1.4	12	1.2	18	0.0
2 4 81 10	99.0	99.00	99.00	3.0	99	3.9	11	2.1	8	1.8	12	1.4	15	0.0
2 4 81 11	99.0	99.00	99.00	99.0	99	3.8	12	1.6	8	2.1	12	2.2	16	0.0
2 4 81 12	99.0	99.00	99.00	99.0	99	3.2	12	1.9	8	3.2	13	2.5	15	0.0
2 4 81 13	99.0	99.00	99.00	99.0	99	2.2	11	1.9	7	1.8	11	2.0	17	0.0
2 4 81 14	99.0	99.00	99.00	99.0	99	1.9	9	2.1	8	1.8	11	1.5	16	0.0
2 4 81 15	99.0	99.00	99.00	99.0	99	2.3	10	2.1	5	1.8	13	1.7	15	0.0
2 4 81 16	99.0	99.00	99.00	99.0	99	1.8	12	2.2	6	1.8	6	1.8	15	0.0
2 4 81 17	99.0	99.00	99.00	99.0	99	1.3	28	2.1	2	2.1	35	.7	24	0.0
2 4 81 18	99.0	99.00	99.00	99.0	99	1.9	29	2.6	2	3.2	31	.8	36	0.0
2 4 81 19	99.0	99.00	99.00	99.0	99	1.5	28	1.9	2	3.5	31	1.0	2	0.0
2 4 81 20	99.0	99.00	99.00	99.0	99	2.1	29	2.6	2	3.9	31	1.4	99	0.0
2 4 81 21	99.0	99.00	99.00	99.0	99	1.6	29	2.6	2	3.2	32	1.8	99	0.0
2 4 81 22	99.0	99.00	99.00	99.0	99	1.1	29	2.0	2	2.8	31	1.6	99	0.0
2 4 81 23	99.0	99.00	99.00	99.0	99	1.1	29	2.5	2	3.2	31	1.8	99	0.0
2 4 81 24	2.8	.27	.89	2.2	34	1.7	29	2.4	2	2.5	32	1.9	99	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
3 4 81 1	3 0	.42	.86	2.3	35	1.3	27	2.1	2	2.5	32	1.7	99	0.0
3 4 81 2	2 9	.44	.85	1.8	6	1.2	28	1.9	2	2.1	32	1.4	99	0.0
3 4 81 3	2 8	.51	.86	1.0	8	1.1	30	2.2	1	2.1	32	1.5	99	0.0
3 4 81 4	2 8	.49	.86	1.2	1000	1.2	30	3.5	2	2.5	31	1.0	99	0.0
3 4 81 5	2 4	.31	.89	1.9	2	1.1	29	1.2	2	2.1	32	1.6	99	0.0
3 4 81 6	2 6	.27	.86	.9	4	1.1	28	1.5	2	2.5	31	1.5	99	0.0
3 4 81 7	2 4	.36	.90	1.1	3	.6	28	1.8	1	1.8	32	1.5	99	0.0
3 4 81 8	3 0	-.03	.85	1.3	3	.9	29	2.4	1	2.1	32	1.5	99	0.0
3 4 81 9	2 7	.07	.90	1.6	3	1.2	29	2.2	1	2.5	33	1.5	99	0.0
3 4 81 10	3 4	-.10	.87	1.6	35	1.4	28	2.6	2	2.5	32	1.5	99	0.0
3 4 81 11	3 9	-.15	.84	1.8	3	1.3	28	2.4	2	2.5	33	1.5	99	0.0
3 4 81 12	4 2	-.12	.82	1.6	1	.9	28	2.3	2	1.8	34	1.5	99	0.0
3 4 81 13	4 7	-.18	.78	1.6	1	1.3	27	3.2	2	2.8	34	1.5	99	0.0
3 4 81 14	4 4	-.10	.77	2.1	2	1.1	27	3.4	2	2.5	36	1.5	99	0.0
3 4 81 15	4 2	-.11	.78	2.5	4	1.1	28	3.1	2	2.5	34	2.1	99	0.0
3 4 81 16	3 9	-.10	.82	3.1	0	1.5	28	3.4	1	2.8	34	2.2	99	0.0
3 4 81 17	3 8	-.09	.84	2.9	0	1.9	32	2.5	2	3.5	32	2.8	99	0.0
3 4 81 18	3 4	-.04	.88	1.9	1	1.8	28	1.1	2	3.2	32	3.0	99	0.0
3 4 81 19	2 8	.18	.95	2.7	1	1.1	24	2.7	1	3.5	21	2.7	99	.4
3 4 81 20	2 7	.06	.97	3.0	1	2.4	34	2.7	1	4.2	31	2.5	99	.4
3 4 81 21	2 7	.03	.97	3.6	0	1.4	32	1.9	2	3.9	31	2.8	99	.2
3 4 81 22	2 9	.09	.96	3.6	0	1.9	36	1.4	2	3.9	31	3.0	99	.3
3 4 81 23	3 1	.10	.94	3.0	36	2.9	36	2.1	2	3.9	32	3.0	99	.1
3 4 81 24	3 3	.03	.91	3.7	1	3.4	36	2.1	2	4.2	32	3.0	99	0.0
4 4 81 1	3 6	.03	.89	3.6	36	1.1	30	3.1	2	3.9	32	3.0	99	0.0
4 4 81 2	3 7	-.00	.87	3.9	36	1.1	31	3.9	2	3.9	31	3.1	99	0.0
4 4 81 3	3 7	.03	.87	3.6	35	1.3	29	2.4	2	3.9	32	2.2	99	0.0
4 4 81 4	3 0	.21	.91	2.6	32	.9	30	1.5	2	4.2	30	3.0	99	0.0
4 4 81 5	2 8	.28	.93	2.7	33	.9	32	2.1	2	4.6	32	3.2	99	0.0
4 4 81 6	3 4	.16	.91	3.1	35	.6	32	3.6	1	3.5	30	3.0	99	0.0
4 4 81 7	4 9	-.10	.84	3.6	36	.7	34	3.8	2	3.9	31	2.5	99	0.0
4 4 81 8	6 6	-.24	.76	3.3	1	.6	32	3.4	2	2.5	33	2.3	99	0.0
4 4 81 9	7 9	-.32	.70	3.2	3	1.6	28	6.2	2	4.2	4	3.0	99	0.0
4 4 81 10	9 1	-.39	.66	3.5	3	2.2	29	5.4	2	6.0	3	4.0	99	0.0
4 4 81 11	9 2	-.37	.65	3.6	3	2.5	27	5.2	2	5.6	5	4.0	99	0.0
4 4 81 12	9 6	-.33	.64	3.6	3	1.9	26	4.8	2	5.6	3	4.2	99	0.0
4 4 81 13	10 8	-.47	.59	3.7	3	1.9	26	4.9	2	4.6	4	4.3	99	0.0
4 4 81 14	11 4	-.47	.56	2.9	5	3.1	27	4.7	2	4.6	2	3.6	99	0.0
4 4 81 15	10 5	-.29	.58	3.3	2	3.9	27	4.2	3	3.9	5	3.8	99	0.0
4 4 81 16	9 6	-.23	.60	2.9	4	4.3	20	3.8	4	3.9	4	3.5	99	0.0
4 4 81 17	8 7	-.12	.64	3.0	4	4.1	16	3.4	2	2.8	2	3.2	99	0.0
4 4 81 18	7 8	-.01	.66	2.4	4	3.1	16	2.2	2	1.4	0	2.7	99	0.0
4 4 81 19	7 1	.03	.68	1.6	1	2.1	14	1.7	2	1.8	33	2.6	99	0.0
4 4 81 20	6 8	.13	.70	1.9	2	.6	12	1.1	2	1.8	33	2.8	99	0.0
4 4 81 21	6 4	.23	.71	1.5	0	.7	24	1.2	3	1.4	38	2.8	99	0.0
4 4 81 22	6 0	.42	.75	1.9	36	.5	32	1.1	2	1.4	0	2.8	99	0.0
4 4 81 23	5 3	.68	.78	2.0	35	1.1	30	.7	6	1.8	31	2.8	99	0.0
4 4 81 24	4 3	.75	.86	2.6	34	.6	28	1.9	2	2.1	31	2.8	99	0.0
5 4 81 1	4 0	.52	.88	1.8	35	.4	26	2.1	1	2.5	32	99.0	99	0.0
5 4 81 2	3 4	.61	.91	2.5	34	1.1	32	1.7	2	2.5	31	99.0	99	0.0
5 4 81 3	3 0	.52	.93	2.2	34	.6	32	1.9	2	2.8	31	99.0	99	0.0
5 4 81 4	2 6	.47	.94	2.5	34	.7	32	1.9	2	2.5	31	.3	99	0.0
5 4 81 5	2 0	.41	.96	2.0	34	.6	32	1.8	2	2.8	31	.9	99	0.0
5 4 81 6	1 2	.54	.98	2.9	34	.8	32	2.5	2	2.8	31	1.2	99	0.0
5 4 81 7	2 7	-.01	.90	3.0	34	.5	32	2.4	2	3.2	32	2.0	99	0.0
5 4 81 8	5 0	-.30	.81	2.3	34	.5	30	2.7	2	1.8	1	2.1	99	0.0
5 4 81 9	7 4	-.45	.71	1.9	33	1.2	26	2.1	2	1.8	9	2.2	99	0.0
5 4 81 10	8 8	-.61	.65	1.6	31	1.1	25	1.7	3	1.4	10	2.2	99	0.0
5 4 81 11	10 6	-.68	.58	1.9	31	.9	10	1.1	16	1.8	7	2.2	99	0.0
5 4 81 12	12 4	-.92	.48	1.5	32	2.4	12	1.4	16	2.1	9	2.0	99	0.0
5 4 81 13	12 4	-.72	.49	2.1	1013	4.2	16	1.8	16	3.9	13	2.4	13	0.0
5 4 81 14	9 6	-.45	.65	2.8	13	4.9	16	2.8	17	5.6	14	2.8	18	0.0
5 4 81 15	9 4	-.45	.65	2.6	13	4.9	16	2.6	16	6.0	13	2.8	18	0.0
5 4 81 16	8 6	-.30	.69	2.5	13	5.6	16	2.4	14	5.6	14	2.7	18	0.0
5 4 81 17	7 7	-.45	.74	2.6	13	3.8	15	2.4	14	4.9	13	2.6	19	0.0
5 4 81 18	6 2	-.18	.81	2.4	13	2.8	12	2.1	14	2.1	38	2.8	19	0.0
5 4 81 19	4 7	.40	.89	2.6	12	1.3	14	1.2	14	1.4	38	2.5	18	0.0
5 4 81 20	4 3	1.01	.90	2.1	12	.8	12	1.1	2	1.3	33	2.0	18	0.0
5 4 81 21	3 5	1.60	.93	1.5	7	.7	13	1.1	2	1.4	0	2.1	99	0.0
5 4 81 22	3 6	1.25	.91	1.7	35	.5	12	.9	2	1.4	0	2.0	99	0.0
5 4 81 23	3 2	.49	.87	3.5	35	.3	14	1.4	2	2.1	31	1.2	99	0.0
5 4 81 24	1 6	.85	.93	2.7	34	.4	25	1.3	2	2.1	0	.9	99	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
6 4 81 1	5	98	99	2.6	34	4	16.	1.3	1.	2.8	31	1.0	2.	0.0
6 4 81 2	3	1 23	97	3.3	34	5	14	1.7	1.	2.8	31	1.6	99	0.0
6 4 81 3	-1	1 19	96	3.3	35	6	16	2.1	1	3.2	31	1.7	99	0.0
6 4 81 4	-6	1 10	97	3.2	34	1.1	18.	1.8	1.	3.2	31	1.8	99	0.0
6 4 81 5	-1.0	90	97	2.8	34	6	12.	1.9	1.	3.2	31	1.9	99	0.0
6 4 81 6	-5	82	94	2.9	34	6	24	1.7	2.	2.8	31	1.9	99	0.0
6 4 81 7	1.2	50	87	2.9	34	1.1	30.	2.2	2.	2.5	32	2.0	99	0.0
6 4 81 8	5.2	-48	64	1.7	34	8	32	2.1	2.	1.8	36	2.0	99	0.0
6 4 81 9	7.4	-74	55	1.6	33	7	20.	1.1	4.	1.8	9	2.0	99	0.0
6 4 81 10	10.1	-85	45	1.3	32	7	14.	1.1	3.	1.8	10.	2.0	99	0.0
6 4 81 11	11.4	-48	42	1.3	1014.	5	32.	1.2	16.	3.5	13.	2.0	99	0.0
6 4 81 12	9.1	-50	57	3.1	13	9	16.	2.3	16.	6.3	13	2.8	13	0.0
6 4 81 13	9.3	-40	64	3.9	12.	2.1	17.	3.2	13.	7.0	14.	4.2	17.	0.0
6 4 81 14	9.2	-40	69	3.7	13.	3.8	16.	3.3	13.	6.7	14.	4.5	17.	0.0
6 4 81 15	9.4	-31	70	3.8	13.	2.9	17.	3.5	13.	6.0	16.	5.1	18.	0.0
6 4 81 16	9.9	-18	66	2.6	13.	2.6	16.	2.9	14.	4.2	16	4.0	17.	0.0
6 4 81 17	8.7	-35	69	3.4	13.	3.2	16.	2.9	14.	5.6	13.	4.0	18.	0.0
6 4 81 18	7.0	04	75	3.5	13.	3.6	16.	2.3	14.	4.2	13.	3.7	18.	0.0
6 4 81 19	4.6	07	89	4.1	12.	3.7	16.	2.1	13.	4.6	13.	3.2	18.	0.0
6 4 81 20	3.1	13	98	3.7	12.	3.3	16.	1.4	15.	3.2	14.	3.0	15.	0.0
6 4 81 21	2.6	46	99	2.4	12.	2.1	16.	1.1	16.	1.8	33.	2.4	27.	0.0
6 4 81 22	2.2	80	99	1.7	13.	2.1	9.	1.3	16.	1.4	13.	2.0	24.	0.0
6 4 81 23	1.6	33	99	1.9	13.	2.3	10.	8	14.	1.4	12.	2.1	21.	0.0
6 4 81 24	4	11	99	1.2	12.	1.8	10.	9	16.	1.4	14.	2.1	21.	0.0
7 4 81 1	-3	33	98	1.5	12.	1.5	14.	1.1	14.	1.4	7.	2.2	21.	0.0
7 4 81 2	-1.3	1 52	97	9	1010.	1.5	20.	1.1	13.	1.4	33.	9	23.	0.0
7 4 81 3	-1.8	80	97	6	14	1.4	27.	1.2	16.	1.4	13.	9	21.	0.0
7 4 81 4	-1.6	58	96	1.3	15.	1.1	29.	7	14.	1.8	33.	9	22.	0.0
7 4 81 5	-7	52	97	1.7	9.	1.1	29.	1.4	26.	2.1	32.	9	3	0.0
7 4 81 6	8	26	97	2.2	7.	1.2	29.	1.3	26.	2.5	32.	9	33.	0.0
7 4 81 7	-1	71	97	1.0	5.	2.5	29.	1.9	2.	2.8	33.	9	36.	0.0
7 4 81 8	5	1 59	97	1.1	1030.	1.7	28	1.3	2.	1.4	9.	9	99	0.0
7 4 81 9	3.4	42	93	1.4	29.	1.7	26.	6	4.	1.4	12.	9	99	0.0
7 4 81 10	7.4	-49	69	9	31.	1.3	26.	8	20.	1.8	13.	9	13	0.0
7 4 81 11	3.9	-31	63	1.0	28.	6	28.	1.8	20.	1.4	13.	9	14.	0.0
7 4 81 12	9.3	-56	60	1.9	1015.	1.6	10.	2.6	16.	3.2	13.	1.6	17.	0.0
7 4 81 13	7.9	-51	70	2.7	13.	1.2	10.	3.3	14.	5.6	13.	2.2	18.	0.0
7 4 81 14	6.8	-62	75	3.4	14.	1.4	11.	2.6	14.	6.0	14.	4.1	18.	0.0
7 4 81 15	6.9	-56	74	3.1	14.	1.5	11.	2.6	15.	5.3	13.	3.8	13.	0.0
7 4 81 16	6.1	-50	77	3.2	13.	1.9	12.	2.8	13.	6.7	14.	4.0	17.	0.0
7 4 81 17	4.9	-48	81	3.6	13.	2.6	13.	2.7	12.	5.6	14.	4.1	18.	0.0
7 4 81 18	3.7	-31	89	3.5	13.	3.3	16.	2.7	13.	5.6	14	4.0	17.	0.0
7 4 81 19	2.5	-14	94	2.7	15.	1.7	11.	2.1	14.	5.3	14.	4.0	17.	0.0
7 4 81 20	1.9	-13	96	2.0	17.	1.2	26.	1.9	14.	3.2	15.	3.2	18.	0.0
7 4 81 21	1.8	-14	96	2.0	16.	1.5	32.	1.8	13.	3.2	16.	2.8	20.	0.0
7 4 81 22	1.2	-11	98	1.3	15.	1.1	32.	1.6	16.	2.8	17.	3.0	19.	0.0
7 4 81 23	1.2	-09	98	1.9	19.	6	16.	1.3	16.	2.5	20.	99.0	19.	0.0
7 4 81 24	1.0	-10	97	1.3	20.	5	16.	1.7	14.	2.1	20.	99.0	23.	0.0
8 4 81 1	1.0	-10	97	1.1	21.	4	26.	1.8	17.	1.8	20.	99.0	24.	0.0
8 4 81 2	1.0	-10	96	7	24.	5	12.	1.3	20.	2.5	32.	99.0	21.	0.0
8 4 81 3	9	-10	97	1.0	32.	7	20.	1.9	24.	2.5	33.	99.0	38.	0.0
8 4 81 4	7	-09	97	1.3	32.	5	10.	2.1	25.	2.8	33.	99.0	35.	0.0
8 4 81 5	7	-08	97	1.5	32.	8	29.	1.7	24.	2.8	32.	99.0	34.	0.0
8 4 81 6	7	-09	97	1.8	32.	6	26.	1.2	30.	3.2	32	99.0	33.	0.0
8 4 81 7	6	-13	97	2.2	32.	4	16.	1.6	26.	3.5	33.	99.0	27.	0.0
8 4 81 8	8	-18	97	1.9	31.	5	26.	1.7	24.	2.5	33.	99.0	30.	0.0
8 4 81 9	1.0	-33	93	1.5	29.	6	12.	2.1	26.	2.5	35.	99.0	99.	0.0
8 4 81 10	1.9	-44	89	1.2	32.	1.1	10.	2.3	25.	2.8	36.	99.0	99.	0.0
8 4 81 11	3.0	-43	83	6	1020.	2.4	24.	1.7	10.	1.8	12.	99.0	99.	0.0
8 4 81 12	3.2	-29	84	9	13.	3.4	29.	1.3	13.	1.4	7.	2.1	17.	0.0
8 4 81 13	2.9	-20	88	1.7	13.	4.1	27.	1.5	13.	2.5	12.	2.1	18.	0.0
8 4 81 14	2.9	-19	93	1.8	13.	5.2	31.	1.9	13.	3.5	14.	2.8	19.	0.0
8 4 81 15	2.9	-15	96	1.8	13.	5.1	32.	1.3	12.	3.2	13.	2.9	18.	0.0
8 4 81 16	2.9	-13	95	1.8	13.	3.6	29.	1.6	13.	5.3	13.	3.0	18.	0.0
8 4 81 17	3.2	-29	94	3.2	13.	2.9	30	2.9	12.	6.7	14	4.1	17.	0.0
8 4 81 18	2.7	-19	96	3.0	14.	2.1	28.	3.4	13.	5.3	14.	4.1	17.	0.0
8 4 81 19	2.5	-11	97	2.3	12.	2.4	28.	2.3	13.	2.1	13.	3.5	18.	0.0
8 4 81 20	2.2	-05	97	1.2	7.	3.4	29.	1.5	4.	2.1	32.	3.0	18.	0.0
8 4 81 21	1.3	38	97	2.3	31.	1.4	28.	1.7	2.	1.8	0.	3.0	99.	0.0
8 4 81 22	1.8	89	85	2.8	32.	7	32.	1.2	2.	2.1	0.	3.0	12.	0.0
8 4 81 23	3.4	47	64	2.9	31.	3	24.	1.1	2.	2.1	29.	2.8	18.	0.0
8 4 81 24	3.4	38	63	1.7	26.	7	32.	1.1	12.	1.8	0.	99.0	24.	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
9 4 81 1	3.5	30	60	2.1	25	1.1	28	2.1	22	1.8	0	99.0	99	0.0
9 4 81 2	3.5	21	61	1.9	25	.9	32	2.1	22	1.4	0	99.0	99	0.0
9 4 81 3	3.3	28	64	1.6	24	.3	32	1.4	21	1.8	0	99.0	99	0.0
9 4 81 4	2.7	60	69	1.6	23	1.1	32	.9	22	2.1	0	99.0	99	0.0
9 4 81 5	2.1	65	77	1.8	1012	1.1	29	.9	24	1.4	18	99.0	99	0.0
9 4 81 6	2.4	50	79	.8	1020	1.6	29	1.1	24	1.8	32	99.0	99	0.0
9 4 81 7	4.3	10	73	1.1	1023	.6	29	1.1	20	1.8	0	99.0	99	0.0
9 4 81 8	7.3	-62	61	.7	1011	.7	28	1.5	22	1.8	0	99.0	99	0.0
9 4 81 9	10.4	-58	53	1.0	24	.5	24	1.1	10	2.1	8	99.0	99	0.0
9 4 81 10	12.3	-62	47	1.4	23	.3	18	1.9	13	1.8	11	99.0	99	0.0
9 4 81 11	13.2	-56	41	2.3	28	.9	27	2.5	18	2.1	6	99.0	99	0.0
9 4 81 12	12.7	-52	53	2.0	13	3.7	28	2.6	22	2.1	0	99.0	99	0.0
9 4 81 13	15.1	-85	43	1.5	1024	4.4	28	3.2	22	2.8	0	99.0	99	0.0
9 4 81 14	16.3	-91	35	2.0	30	4.9	28	2.6	20	3.2	29	99.0	99	0.0
9 4 81 15	14.3	-43	31	4.5	32	5.2	30	4.1	28	5.6	32	99.0	99	0.0
9 4 81 16	11.9	-11	42	4.8	31	3.6	30	3.8	26	3.2	29	99.0	99	0.0
9 4 81 17	10.8	-09	45	3.2	28	4.1	32	3.4	25	2.8	26	99.0	99	0.0
9 4 81 18	10.3	-08	48	2.6	28	5.2	30	2.9	25	2.5	26	99.0	99	0.0
9 4 81 19	9.4	-02	51	2.6	27	2.7	31	3.1	25	2.5	29	99.0	99	0.0
9 4 81 20	8.8	04	54	1.4	26	1.6	30	2.8	24	2.8	25	99.0	99	0.0
9 4 81 21	8.7	08	55	2.6	28	1.2	30	2.7	24	2.1	32	99.0	99	0.0
9 4 81 22	9.0	14	53	3.4	29	.7	28	2.4	24	2.5	33	99.0	99	0.0
9 4 81 23	8.1	32	56	1.5	31	.6	32	2.7	24	2.5	35	99.0	99	0.0
9 4 81 24	7.4	29	59	1.2	32	.7	32	1.1	24	1.4	18	99.0	99	0.0
10 4 81 1	7.6	32	58	1.4	31	.3	29	.5	30	1.4	10	99.0	99	0.0
10 4 81 2	6.6	49	63	1.1	26	.9	28	1.1	2	1.8	33	99.0	99	0.0
10 4 81 3	6.4	54	67	2.5	30	1.1	30	1.9	1	1.8	32	99.0	99	0.0
10 4 81 4	4.9	67	72	3.9	33	.7	32	2.3	1	1.8	32	99.0	99	0.0
10 4 81 5	3.9	81	81	2.3	32	1.1	32	1.7	1	1.8	33	99.0	99	0.0
10 4 81 6	3.9	1.20	85	2.4	31	.8	30	1.7	1	1.8	32	99.0	99	0.0
10 4 81 7	4.9	53	84	1.5	31	1.1	29	1.1	2	1.8	33	1.7	9	0.0
10 4 81 8	6.9	50	80	1.6	32	1.4	27	1.4	1	1.4	5	1.6	36	0.0
10 4 81 9	9.2	-25	65	1.8	1028	.9	26	1.1	2	1.4	7	1.2	2	0.0
10 4 81 10	11.7	-91	66	2.2	31	.5	8	1.1	2	1.8	12	1.0	3	0.0
10 4 81 11	15.1	-99	57	1.1	33	.6	24	.8	4	2.5	12	.9	8	0.0
10 4 81 12	16.7	-92	48	1.7	29	.7	12	1.1	12	3.5	31	1.5	6	0.0
10 4 81 13	17.1	-69	42	2.5	29	3.8	15	2.9	22	4.9	32	2.3	99	0.0
10 4 81 14	18.2	-89	37	3.2	32	5.1	16	4.5	28	4.6	33	2.3	99	0.0
10 4 81 15	18.3	-74	36	3.5	31	4.7	16	3.5	29	3.9	33	2.9	99	0.0
10 4 81 16	18.5	-70	34	2.8	31	4.3	16	2.8	29	3.9	27	3.0	99	0.0
10 4 81 17	16.5	-43	35	4.1	28	2.9	17	4.1	25	3.5	27	4.2	99	0.0
10 4 81 18	14.9	-23	36	3.8	29	1.1	21	4.4	24	3.5	27	4.2	99	0.0
10 4 81 19	12.4	05	41	4.0	29	1.2	16	4.1	25	2.8	28	4.1	99	0.0
10 4 81 20	10.6	25	49	2.3	31	1.5	18	3.4	24	2.5	27	3.8	99	0.0
10 4 81 21	9.8	29	53	2.9	30	2.0	10	1.1	24	2.5	30	2.7	99	0.0
10 4 81 22	8.4	60	58	3.2	30	2.6	10	1.9	24	2.5	32	2.2	99	0.0
10 4 81 23	6.9	88	66	3.5	30	1.3	10	1.3	24	2.5	30	2.1	99	0.0
10 4 81 24	6.4	77	71	3.4	31	.6	10	1.4	2	2.1	0	2.1	99	0.0
11 4 81 1	5.1	85	78	2.3	30	1.3	32	1.1	2	1.4	32	99.0	99	0.0
11 4 81 2	4.5	61	82	1.5	28	1.6	32	.6	2	1.8	32	99.0	99	0.0
11 4 81 3	3.4	1.11	86	2.8	29	1.5	32	1.7	1	2.1	33	99.0	99	0.0
11 4 81 4	2.4	77	93	3.0	35	1.9	34	2.6	1	1.8	35	99.0	99	0.0
11 4 81 5	1.7	86	94	3.8	1033	1.6	31	2.1	1	2.1	34	99.0	99	0.0
11 4 81 6	1.8	1.01	93	3.2	33	.9	32	2.4	1	1.8	36	99.0	99	0.0
11 4 81 7	3.0	39	86	2.2	33	1.1	29	1.6	1	1.4	1	99.0	99	0.0
11 4 81 8	7.2	-15	73	1.0	32	1.7	28	.9	4	1.4	8	99.0	99	0.0
11 4 81 9	10.9	-59	59	1.2	34	1.9	29	1.1	1	1.4	9	99.0	99	0.0
11 4 81 10	12.8	-60	53	1.2	32	1.6	28	.7	2	1.8	11	99.0	99	0.0
11 4 81 11	13.9	-37	52	1.4	1026	1.6	29	1.1	10	3.2	12	99.0	99	0.0
11 4 81 12	12.4	-26	69	3.6	13	1.1	27	2.5	16	6.3	13	99.0	99	0.0
11 4 81 13	13.6	-47	90	3.6	12	1.1	28	4.0	16	8.1	14	99.0	99	0.0
11 4 81 14	13.6	-23	80	7.2	13	1.1	24	4.1	15	8.1	13	99.0	99	0.0
11 4 81 15	13.6	-25	90	7.7	12	2.3	10	2.9	16	6.7	13	99.0	99	0.0
11 4 81 16	99.0	-17	95	4.4	14	4.2	16	3.5	13	4.9	13	99.0	99	0.0
11 4 81 17	99.0	-16	97	2.8	13	3.6	16	2.4	13	3.2	12	99.0	99	0.0
11 4 81 18	99.0	-13	97	1.6	14	1.3	14	1.7	12	2.8	15	99.0	99	0.0
11 4 81 19	99.0	-10	97	1.6	15	.6	16	1.4	13	2.5	14	3.1	18	0.0
11 4 81 20	99.0	-10	97	1.2	14	6.9	32	1.2	13	2.8	13	2.9	17	0.0
11 4 81 21	99.0	-09	97	1.5	14	7.6	34	1.4	13	2.5	13	2.2	18	0.0
11 4 81 22	3.0	-09	97	1.4	11	4.1	32	1.6	12	1.8	13	2.0	17	0.0
11 4 81 23	2.9	-08	97	.8	3	1.8	32	1.5	4	1.4	38	2.0	10	0.0
11 4 81 24	2.9	-09	97	1.0	7	.6	22	1.7	4	1.8	2	2.1	6	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
12 4 81 1	2.7	-07	97	.7	0.	1.3	12.	1.4	6.	1.8	2	2.0	8.	0.0
12 4 81 2	2.7	-07	97	1.0	3.	2.6	30.	1.9	4.	2.1	4.	2.1	5.	0.0
12 4 81 3	2.5	-09	94	1.0	7.	3.6	29.	2.3	3	2.8	3	2.1	7.	0.0
12 4 81 4	2.3	-09	96	1.5	3.	1.7	32.	2.6	2.	2.8	2	2.0	6.	0.0
12 4 81 5	2.0	-08	96	1.4	1.	2.9	29.	3.1	1	2.1	2	2.1	1.	0.0
12 4 81 6	2.2	-08	96	1.3	35.	5.4	29.	2.7	1.	2.5	2	2.0	36.	0.0
12 4 81 7	2.7	-11	96	1.1	33.	6.4	32.	2.4	1.	2.5	1.	2.0	1.	0.0
12 4 81 8	2.9	-08	96	1.9	32.	11.2	32.	2.6	1.	2.8	99	2.2	1.	0.0
12 4 81 9	3.8	-10	93	1.7	33.	8.6	32.	2.0	2.	2.8	99	2.1	99.	0.0
12 4 81 10	4.4	-21	94	1.4	33.	9.0	33.	2.4	2.	2.5	99.	99.0	99.	0.0
12 4 81 11	4.2	-17	90	2.5	31.	7.9	34.	2.3	24.	3.2	99.	99.0	99.	0.0
12 4 81 12	5.9	-52	81	1.6	32.	9.3	33.	.9	32.	2.1	99.	99.0	99.	0.0
12 4 81 13	9.0	-77	73	1.1	30.	9.4	32.	1.9	24.	2.5	99.	99.0	99.	0.0
12 4 81 14	11.3	-93	65	1.7	23.	8.9	32.	1.2	20.	3.9	99.	99.0	99.	0.0
12 4 81 15	9.5	-48	75	3.6	13.	8.4	34.	2.8	13.	6.7	99.	4.2	99.	0.0
12 4 81 16	8.5	-46	80.	4.0	13.	7.4	34.	3.2	13.	6.3	99.	4.3	99.	0.0
12 4 81 17	7.4	-39	76	4.7	13.	7.3	34.	3.1	12.	4.9	99.	3.9	99.	0.0
12 4 81 18	7.1	.11	90	3.2	13.	5.9	34.	2.1	12.	3.2	99.	3.5	99.	0.0
12 4 81 19	10.1	.61	73	3.2	24.	6.2	34.	1.4	24.	4.9	99.	2.8	99.	0.0
12 4 81 20	9.2	.26	66	5.0	32.	3.8	34.	3.8	28.	7.7	99.	4.2	99.	0.0
12 4 81 21	7.6	.09	48	7.3	34.	2.1	34.	5.4	32.	7.4	99.	5.1	99.	0.0
12 4 81 22	5.5	.16	42	5.5	33.	1.4	34.	4.8	30.	6.0	99.	5.0	99.	0.0
12 4 81 23	4.8	.74	44	4.3	33.	1.1	29.	3.2	32.	3.9	99.	4.1	99.	0.0
12 4 81 24	4.0	.25	45	2.6	30.	1.2	32.	2.9	24.	3.9	99.	3.5	99.	0.0
13 4 81 1	4.0	.16	46	3.3	30.	1.1	32.	3.1	26.	3.5	99.	4.3	99.	0.0
13 4 81 2	4.3	.07	44	5.6	29.	.9	32.	3.7	26.	3.2	99.	5.5	99.	0.0
13 4 81 3	4.2	.00	44	5.8	28.	.9	28.	3.8	25.	2.8	99.	4.2	99.	0.0
13 4 81 4	3.5	.03	46	3.5	28	1.1	26.	4.6	26.	4.6	99.	4.0	99.	0.0
13 4 81 5	3.5	.16	49	3.9	31.	1.5	30.	6.2	26.	8.4	99.	4.1	99.	0.0
13 4 81 6	4.9	.00	43	5.9	33.	.9	31	6.6	28.	12.3	99.	4.6	99.	0.0
13 4 81 7	6.8	-.18	31	8.2	33	1.1	32.	4.7	30.	10.9	99.	7.1	99.	0.0
13 4 81 8	8.7	-.37	23	3.3	29.	3.1	29.	4.6	31.	99.0	99.	4.9	99.	0.0
13 4 81 9	9.5	-.46	20	4.8	32.	5.1	29.	6.6	29.	99.0	99.	5.2	99.	0.0
13 4 81 10	10.0	-.61	18	6.3	34.	6.4	28.	7.4	30	99.0	99.	6.5	99.	0.0
13 4 81 11	10.2	-.57	15	7.5	33.	5.9	27.	6.9	30.	99.0	99.	6.2	99.	0.0
13 4 81 12	11.0	-.57	10	7.3	32.	5.9	28.	6.2	30.	99.0	99.	5.9	99.	0.0
13 4 81 13	11.8	-.56	10	6.9	33.	6.3	29.	6.2	29.	99.0	99.	5.5	99.	0.0
13 4 81 14	11.5	-.59	11	8.9	33	7.2	30	7.4	29.	11.2	33	6.8	99.	0.0
13 4 81 15	11.8	-.57	12	7.2	33.	7.2	32.	6.4	30.	10.5	33	6.0	99.	0.0
13 4 81 16	11.2	-.51	13	7.0	32.	7.3	33.	6.7	30.	9.5	33	6.9	99.	0.0
13 4 81 17	10.7	-.45	10	9.4	32.	8.3	32.	6.2	31.	9.1	33	7.0	99.	0.0
13 4 81 18	9.4	-1.10	12	7.3	33.	7.2	33.	5.6	31.	8.8	33	5.8	99.	0.0
13 4 81 19	8.6	99.00	16	5.8	2032.	3.9	32.	3.2	28.	6.3	34.	4.3	99.	0.0
13 4 81 20	7.0	99.00	12	7.8	34.	3.5	26.	3.2	30.	5.6	31.	4.0	99.	0.0
13 4 81 21	6.6	99.00	08	3.8	33	2.7	34.	3.9	32.	3.9	30.	3.2	99.	0.0
13 4 81 22	6.8	.50	42	4.4	31.	1.9	30.	1.7	32.	3.5	30.	3.0	99.	0.0
13 4 81 23	4.8	.36	27	2.2	33.	2.1	34.	1.3	6.	2.5	32.	3.0	99.	0.0
13 4 81 24	3.2	.73	07	2.4	2000.	1.7	33.	1.1	2.	3.2	32.	3.0	99.	0.0
14 4 81 1	2.5	.69	35	5.8	2032.	1.8	32.	1.9	2.	2.5	32.	99.0	99.	0.0
14 4 81 2	1.9	.99	50	3.8	32.	1.7	30.	2.4	1.	2.8	32.	99.0	99.	0.0
14 4 81 3	.8	1.15	62	3.9	32.	1.1	32.	2.8	1.	2.8	32.	99.0	99.	0.0
14 4 81 4	1.2	1.52	62	5.3	34.	1.1	28.	2.9	1.	3.2	34.	99.0	99.	0.0
14 4 81 5	1.3	1.61	51	6.8	33.	.7	24.	2.8	2.	3.9	31.	99.0	99.	0.0
14 4 81 6	3.7	.61	63	4.1	33.	.5	26.	2.1	1.	2.5	35.	99.0	99.	0.0
14 4 81 7	5.2	-.08	58	4.2	32.	.6	24.	1.1	2.	3.2	32.	99.0	99.	0.0
14 4 81 8	8.9	-.44	50	4.2	32.	.8	28.	2.6	32.	2.5	34.	99.0	99.	0.0
14 4 81 9	11.4	-.57	45	4.3	33.	.5	24.	3.4	28.	4.6	33.	99.0	99.	0.0
14 4 81 10	14.0	-.59	39	4.2	32.	.6	20.	3.4	28.	3.9	33.	99.0	99.	0.0
14 4 81 11	15.7	-.64	35	4.2	33.	2.8	30.	4.0	32.	4.9	33.	99.0	99.	0.0
14 4 81 12	16.6	-.70	24	5.2	32.	3.4	36.	4.1	28.	5.6	34.	99.0	99.	0.0
14 4 81 13	17.7	-.83	31	3.9	30.	3.9	36.	3.5	27.	6.0	31.	3.6	99.	0.0
14 4 81 14	17.4	-1.18	21	8.5	32.	5.9	36.	5.6	31.	8.1	33.	4.5	99.	0.0
14 4 81 15	17.2	-.64	29	6.7	33.	6.6	36.	6.2	29.	8.4	33.	5.2	99.	0.0
14 4 81 16	16.4	-.53	21	9.1	33.	6.2	36.	6.6	30.	10.2	33.	6.3	99.	0.0
14 4 81 17	15.2	-.59	35	6.3	33.	5.1	6.	6.4	32.	10.5	33.	6.5	99.	0.0
14 4 81 18	14.2	-.28	38	5.7	35.	5.4	6.	6.2	31.	10.9	34.	6.2	99.	0.0
14 4 81 19	12.2	-.06	42	5.4	34.	3.7	6.	4.6	30.	10.2	34.	6.0	99.	0.0
14 4 81 20	10.6	.19	45	5.1	33.	3.1	4.	4.9	30.	7.0	33.	5.5	99.	0.0
14 4 81 21	9.7	.31	50	4.1	32.	2.5	28.	2.8	32.	3.5	31.	3.9	99.	0.0
14 4 81 22	9.1	.31	50	5.5	33.	2.5	22.	2.5	34.	3.2	31.	3.6	99.	0.0
14 4 81 23	99.0	.35	23	3.4	2033.	3.5	32.	1.3	2.	2.8	31.	3.1	99.	0.0
14 4 81 24	7.7	-.01	36	5.1	23.	3.8	30.	1.5	2.	2.5	32.	2.8	99.	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
15 4 81 1	7.4	-04	48	6.1	32	3.6	30	1.8	27	2.5	32	2.8	99	0.0
15 4 81 2	6.5	.21	48	4.7	32	2.1	32	1.6	25	2.5	32	2.8	99	0.0
15 4 81 3	6.8	.37	64	6.9	31	2.3	34	2.1	26	2.1	32	2.8	99	0.0
15 4 81 4	6.4	.47	65	9.9	30	2.4	32	1.3	25	1.8	31	2.8	99	0.0
15 4 81 5	5.9	.67	54	7.6	32	2.4	34	.9	2	2.5	32	2.5	99	0.0
15 4 81 6	5.7	.69	56	3.9	32	3.7	36	.6	3	1.4	0	2.0	99	0.0
15 4 81 7	5.8	.54	64	1.9	32	3.1	2	.8	2	1.8	0	1.9	99	0.0
15 4 81 8	7.7	-.11	61	1.7	33	3.4	3	1.1	1	1.4	0	1.8	99	0.0
15 4 81 9	10.5	-.48	54	1.6	32	2.8	4	.9	2	1.4	0	1.8	99	0.0
15 4 81 10	12.9	-.73	33	2.0	32	2.8	8	1.3	12	3.9	32	2.0	99	0.0
15 4 81 11	13.8	-.75	57	2.6	30	2.2	6	2.9	32	4.9	33	3.0	99	0.0
15 4 81 12	14.9	-.81	33	3.1	32	2.6	28	3.5	28	4.9	34	3.2	99	0.0
15 4 81 13	16.4	-.90	39	3.3	33	1.8	29	4.7	34	5.6	33	3.5	99	0.0
15 4 81 14	16.6	-.81	32	4.5	34	1.6	32	5.6	32	7.4	33	4.1	99	0.0
15 4 81 15	15.8	-.48	19	7.0	1	1.4	28	7.4	32	8.4	1	6.5	99	0.0
15 4 81 16	15.1	-.62	08	6.6	36	2.3	28	5.6	32	7.4	1	5.0	99	0.0
15 4 81 17	12.5	-.53	22	3.7	13	2.3	16	5.4	3	6.3	99	4.2	99	0.0
15 4 81 18	10.7	-.26	36	3.8	8	3.8	16	5.2	4	5.6	8	4.2	99	0.0
15 4 81 19	7.9	-.13	41	3.3	7	3.6	16	4.8	3	5.6	9	4.5	99	0.0
15 4 81 20	6.1	-.05	42	3.6	5	1.1	12	8.4	3	6.7	4	3.8	99	0.0
15 4 81 21	5.1	-.05	42	3.3	7	.7	20	6.2	2	4.9	4	3.0	99	0.0
15 4 81 22	5.4	-.50	31	6.6	12	.7	20	6.6	2	6.7	4	3.2	99	0.0
15 4 81 23	3.6	-.53	40	4.4	13	.8	30	5.4	2	6.7	3	5.0	99	0.0
15 4 81 24	2.4	.21	39	7.2	13	.4	29	5.9	2	6.0	3	5.8	99	0.0
16 4 81 1	2.0	.18	46	9.1	13	.9	32	6.2	1	4.2	3	4.5	99	0.0
16 4 81 2	1.2	.03	54	9.1	1003	.9	29	4.1	2	3.5	2	5.8	99	0.0
16 4 81 3	.6	.21	34	9.0	35	.7	29	2.8	1	3.2	32	4.0	99	0.0
16 4 81 4	.6	.08	38	7.8	10	.7	32	4.7	1	3.9	32	3.6	99	0.0
16 4 81 5	.5	.01	29	6.0	1010	.9	32	3.3	1	4.6	33	3.9	99	0.0
16 4 81 6	1.6	-.15	47	7.3	1	.7	33	4.3	1	4.2	33	3.5	99	0.0
16 4 81 7	2.8	-.26	47	6.0	2	.4	19	4.5	1	7.0	2	5.5	99	0.0
16 4 81 8	3.8	-.34	48	4.6	2	.9	10	3.7	2	5.3	2	5.0	99	0.0
16 4 81 9	4.5	-.50	40	5.5	5	2.1	28	5.2	1	4.9	2	5.2	99	0.0
16 4 81 10	5.6	-.50	45	4.1	3	1.6	28	4.4	2	2.5	3	4.1	99	0.0
16 4 81 11	7.2	-.81	43	2.9	0	.9	24	2.7	2	2.8	2	3.8	99	0.0
16 4 81 12	8.4	-.98	41	2.9	32	.9	24	2.8	1	2.1	10	99.0	99	0.0
16 4 81 13	8.9	-.80	38	2.7	31	1.2	20	2.6	1	2.1	3	99.0	99	0.0
16 4 81 14	9.6	-.93	35	2.7	29	5.2	16	2.1	2	2.1	7	99.0	99	0.0
16 4 81 15	9.3	-.70	37	1.9	1019	5.6	16	2.3	16	2.8	0	4.0	99	0.0
16 4 81 16	8.4	-.67	45	2.7	13	4.9	16	3.1	17	5.6	13	4.0	99	0.0
16 4 81 17	8.2	-.83	42	2.6	18	4.6	16	3.8	17	4.6	14	3.9	99	0.0
16 4 81 18	7.2	-.53	43	2.2	18	3.5	16	3.3	17	4.2	16	3.6	99	0.0
16 4 81 19	5.3	-.22	43	3.3	18	2.5	16	2.5	16	1.8	14	99.0	99	0.0
16 4 81 20	3.2	.31	51	1.6	22	1.8	12	1.3	17	1.8	11	99.0	99	0.0
16 4 81 21	2.5	.32	53	1.4	26	.7	16	1.6	24	1.4	27	99.0	99	0.0
16 4 81 22	2.4	.33	53	1.6	29	.2	28	1.1	28	1.8	28	99.0	99	0.0
16 4 81 23	1.2	.52	60	1.7	32	.5	30	2.5	2	2.5	31	99.0	99	0.0
16 4 81 24	-.1	1.20	67	3.6	34	.9	32	2.1	2	2.1	32	99.0	99	0.0
17 4 81 1	-.8	.86	78	10.6	34	.6	28	2.5	1	2.5	33	99.0	99	0.0
17 4 81 2	-1.7	.76	89	3.3	33	.6	29	2.1	1	3.5	31	99.0	99	0.0
17 4 81 3	-1.9	.58	93	3.2	33	.5	29	2.0	1	3.2	30	99.0	99	0.0
17 4 81 4	-2.2	.71	94	2.8	33	.5	26	1.9	1	2.8	30	99.0	99	0.0
17 4 81 5	-2.1	.69	89	3.1	33	.7	34	2.1	1	2.5	31	99.0	99	0.0
17 4 81 6	-.7	.16	69	4.0	33	.7	30	2.5	1	2.5	32	99.0	99	0.0
17 4 81 7	1.3	-.23	71	2.7	33	.7	28	2.5	2	2.5	33	99.0	99	0.0
17 4 81 8	4.4	-.57	59	3.4	33	.6	32	2.3	2	1.8	1	99.0	99	0.0
17 4 81 9	6.2	-.48	42	5.5	33	.7	10	1.3	2	1.4	3	99.0	99	0.0
17 4 81 10	7.2	-.59	26	10.0	32	2.1	4	.8	12	1.4	34	99.0	99	0.0
17 4 81 11	9.5	-.50	20	2.0	30	3.4	4	1.8	20	2.5	12	99.0	99	0.0
17 4 81 12	10.3	-.88	15	1.4	1014	3.5	32	1.9	20	4.2	11	99.0	99	0.0
17 4 81 13	8.8	-.64	38	7.7	1015	3.9	36	3.9	17	6.7	13	4.1	99	0.0
17 4 81 14	9.3	-.90	21	7.3	22	4.1	7	4.6	17	7.7	13	4.5	99	0.0
17 4 81 15	8.9	-.67	24	4.8	1016	3.4	6	3.8	17	6.7	13	4.8	99	0.0
17 4 81 16	9.4	-.71	39	3.1	16	6.4	6	3.8	16	4.9	14	4.5	99	0.0
17 4 81 17	9.8	-.80	29	4.2	1020	5.6	6	3.8	16	3.9	17	3.7	99	0.0
17 4 81 18	7.7	-.40	48	3.2	12	4.6	7	2.8	14	4.9	13	3.4	99	0.0
17 4 81 19	5.4	-.14	70	5.7	13	4.7	7	3.6	13	4.2	13	3.6	99	0.0
17 4 81 20	3.2	.51	86	3.0	13	4.4	8	1.7	14	2.8	14	99.0	99	0.0
17 4 81 21	3.6	.44	85	3.7	11	3.1	6	1.5	2	1.8	33	99.0	99	0.0
17 4 81 22	2.6	.36	68	3.1	10	1.8	4	1.9	2	2.1	32	99.0	99	0.0
17 4 81 23	2.1	.85	56	1.2	32	2.4	4	.9	2	2.1	30	99.0	99	0.0
17 4 81 24	.4	1.15	73	4.2	1031	2.8	4	1.8	2	2.5	32	99.0	99	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
18 4 81 1	- 2	1 59	79	10 5	1032	3 4	3	1 7	1	2 5	31	99 0	99	0 0
18 4 81 2	- 3	1 44	76	4 0	33	3 4	3	1 9	2	3 5	31	99 0	99	0 0
18 4 81 3	- 7	1 95	80	6 4	32	4 4	4	2 1	1	2 8	32	99 0	99	0 0
18 4 81 4	- 0	1 67	89	3 4	32	3 3	4	2 1	1	2 8	33	99 0	99	0 0
18 4 81 5	- 5	81	93	1 6	32	2 9	4	2 2	1	2 1	32	99 0	99	0 0
18 4 81 6	- 0	75	71	1 2	34	3 3	2	1 4	2	1 8	29	99 0	99	0 0
18 4 81 7	1 5	50	47	1 3	32	4 6	4	1 4	1	2 5	32	99 0	99	0 0
18 4 81 8	5 2	- 50	47	1 7	33	4 3	4	1 6	2	2 1	31	99 0	99	0 0
18 4 81 9	6 7	- 85	43	3 4	32	4 6	4	1 1	3	1 8	6	99 0	99	0 0
18 4 81 10	8 9	- 67	33	2 7	35	5 1	4	3 9	1	3 5	7	99 0	99	0 0
18 4 81 11	10 5	- 27	31	3 6	3	5 2	6	5 6	2	7 0	2	5 0	99	0 0
18 4 81 12	11 1	- 40	37	3 9	2	4 4	2	5 4	1	4 6	1	5 0	99	0 0
18 4 81 13	13 3	- 74	29	5 4	33	4 4	36	7 6	2	6 0	2	4 0	99	0 0
18 4 81 14	12 1	- 44	31	5 3	3	2 9	36	6 2	2	4 9	3	5 2	99	0 0
18 4 81 15	11 4	- 51	28	5 4	3	3 6	36	6 4	2	7 0	2	6 5	99	0 0
18 4 81 16	11 6	- 42	28	5 4	6	3 1	36	8 6	2	7 7	5	6 8	99	0 0
18 4 81 17	10 6	- 34	31	5 6	3	2 1	36	8 2	3	7 4	4	7 2	99	0 0
18 4 81 18	9 7	- 23	30	5 3	6	2 3	6	6 9	3	7 0	5	6 0	99	0 0
18 4 81 19	8 3	- 42	31	3 8	6	1 4	7	6 2	3	6 0	5	5 1	99	0 0
18 4 81 20	6 8	- 00	34	5 0	6	7	12	3 6	5	4 9	7	5 0	99	0 0
18 4 81 21	5 8	01	37	6 1	5	1 1	32	4 1	2	4 2	4	5 1	99	0 0
18 4 81 22	5 6	- 01	35	6 9	7	9	28	4 6	2	4 9	3	4 5	99	0 0
18 4 81 23	5 4	- 01	28	8 0	7	6	28	5 2	2	7 0	2	6 0	99	0 0
18 4 81 24	4 9	- 05	37	8 9	3	4	12	7 2	2	8 1	3	7 8	99	0 0
19 4 81 1	4 3	- 05	44	5 0	3	7	30	6 8	1	8 1	3	7 5	99	0 0
19 4 81 2	3 9	- 06	44	4 3	3	7	29	7 4	1	8 8	3	7 0	99	0 0
19 4 81 3	3 5	- 05	43	5 0	3	9	29	8 9	2	9 1	3	7 1	99	0 0
19 4 81 4	3 1	- 02	44	5 6	2	1 1	29	9 2	2	10 2	3	7 6	99	0 0
19 4 81 5	3 0	- 06	44	7 1	3	9	29	10 0	2	9 5	3	8 8	99	0 0
19 4 81 6	3 1	- 08	45	5 8	2	6	18	8 9	2	8 8	2	7 0	99	0 0
19 4 81 7	3 0	- 13	45	6 3	2	6	20	9 6	2	9 8	3	8 6	99	0 0
19 4 81 8	3 7	- 20	42	7 0	3	1 9	20	9 9	2	9 1	3	8 0	99	0 0
19 4 81 9	5 4	- 39	44	6 0	4	2 9	28	9 9	2	9 5	4	8 2	99	0 0
19 4 81 10	6 7	- 57	39	4 0	4	3 3	29	9 2	2	8 8	2	7 5	99	0 0
19 4 81 11	7 3	- 43	33	5 6	1	2 9	27	8 9	2	8 8	3	7 5	99	0 0
19 4 81 12	8 4	- 45	39	5 2	4	5 4	27	7 2	2	7 0	4	6 8	99	0 0
19 4 81 13	8 8	- 50	23	5 4	2	5 4	28	6 2	2	6 7	3	6 0	99	0 0
19 4 81 14	9 1	- 65	06	9 0	1013	7 9	29	5 2	2	4 2	3	5 0	99	0 0
19 4 81 15	9 6	- 57	26	4 9	5	6 4	32	4 2	2	3 5	2	3 5	99	0 0
19 4 81 16	9 9	- 77	28	3 1	1	8 4	32	4 0	2	3 5	1	3 6	99	0 0
19 4 81 17	9 6	99 00	05	5 3	2032	8 6	32	3 9	2	4 6	2	3 7	99	0 0
19 4 81 18	9 4	- 38	12	2 2	3	7 2	32	3 4	2	2 5	2	3 4	99	0 0
19 4 81 19	8 0	- 17	26	1 5	5	5 1	34	2 4	4	1 4	0	99 0	99	0 0
19 4 81 20	5 1	33	31	1 7	8	4 5	34	9	6	1 4	0	99 0	99	0 0
19 4 81 21	4 8	32	38	1 0	1024	4 5	36	7	26	1 4	0	99 0	99	0 0
19 4 81 22	2 5	1 10	33	1 2	33	1 5	6	1 2	4	1 8	29	99 0	99	0 0
19 4 81 23	1 9	96	55	2 2	31	1 6	4	1 7	2	1 4	23	99 0	99	0 0
19 4 81 24	1 7	80	58	2 4	30	2 1	32	1 9	1	1 8	38	99 0	99	0 0
20 4 81 1	4	96	67	2 5	31	1 1	32	1 9	1	2 5	31	99 0	99	0 0
20 4 81 2	- 1 4	1 23	83	3 2	32	1 2	27	1 9	1	2 5	31	99 0	99	0 0
20 4 81 3	- 2 3	1 14	87	4 1	32	7	29	1 6	1	2 8	32	99 0	99	0 0
20 4 81 4	- 2 1	75	91	2 7	32	1 6	32	1 9	1	2 5	31	99 0	99	0 0
20 4 81 5	- 1 3	35	85	3 2	32	9	32	1 4	2	2 8	31	99 0	99	0 0
20 4 81 6	2	49	84	2 8	31	1 7	28	1 8	2	2 8	32	99 0	99	0 0
20 4 81 7	2 8	- 28	67	2 6	32	4 8	29	9	2	3 2	33	99 0	99	0 0
20 4 81 8	4 6	- 53	43	5 7	31	6 4	30	8	3	2 1	36	99 0	99	0 0
20 4 81 9	4 5	- 64	40	3 7	30	6 7	31	1 1	8	1 8	12	99 0	99	0 0
20 4 81 10	99 0	- 91	20	1 6	31	9 3	30	1 9	20	2 5	12	2 1	9	0 0
20 4 81 11	99 0	- 38	43	2 3	12	9 9	30	1 9	16	3 9	12	2 5	16	0 0
20 4 81 12	1 9	- 80	45	3 7	1015	8 4	32	1 9	16	5 3	13	2 6	16	0 0
20 4 81 13	99 0	- 47	55	3 0	13	8 2	32	2 8	18	4 9	13	3 5	17	0 0
20 4 81 14	99 0	- 41	50	2 1	13	7 6	34	1 9	17	4 2	13	3 2	17	0 0
20 4 81 15	99 0	- 47	47	2 1	12	4 5	32	4 4	30	3 5	10	3 0	18	0 0
20 4 81 16	99 0	- 74	09	6 0	34	5 6	32	5 6	30	9 1	33	6 0	99	0 0
20 4 81 17	3 0	- 49	07	7 5	33	4 5	30	5 9	32	11 2	33	6 5	99	0 0
20 4 81 18	99 0	- 24	13	7 1	33	5 6	33	6 2	32	10 9	33	7 2	99	0 0
20 4 81 19	99 0	- 07	17	6 1	34	4 6	32	6 4	32	9 5	33	6 0	99	0 0
20 4 81 20	99 0	08	27	6 2	35	2 9	33	4 9	34	9 1	33	5 5	99	0 0
20 4 81 21	99 0	08	37	5 2	36	3 6	31	4 8	36	7 0	34	4 5	99	0 0
20 4 81 22	99 0	18	45	3 8	3	4 9	32	4 6	2	5 6	3	5 0	99	0 0
20 4 81 23	5 4	04	30	7 3	1014	3 4	32	4 9	2	4 9	4	4 0	99	0 0
20 4 81 24	5 3	- 12	47	4 8	6	4 2	32	3 3	2	3 9	4	3 6	99	0 0

	T-AS	DT-AS	RH-AS	F-AS	U-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
21 4 81 1	4.5	-19	35	2.1	13	3.8	33	4.1	2	3.2	2	99.0	99.0	0.0
21 4 81 2	1.9	78	44	1.3	1	3.1	33	3.4	2	1.8	3	99.0	99.0	0.0
21 4 81 3	1.5	24	50	1.2	0	2.7	33	2.4	2	1.8	1	99.0	99.0	0.0
21 4 81 4	1.7	17	55	1.4	33	1.3	32	1.7	2	1.8	32	99.0	99.0	0.0
21 4 81 5	1.3	31	68	1.6	32	2.8	31	1.4	3	2.1	31	99.0	99.0	0.0
21 4 81 6	1.3	15	73	2.1	31	2.6	32	1.9	32	3.2	31	99.0	99.0	0.0
21 4 81 7	3.1	-34	63	4.4	31	2.1	33	3.3	29	3.9	30	99.0	99.0	0.0
21 4 81 8	4.8	-58	51	4.5	31	3.6	34	4.4	29	6.7	31	99.0	99.0	0.0
21 4 81 9	5.2	-55	42	5.2	32	3.0	32	6.9	31	9.1	32	5.2	99.0	0.0
21 4 81 10	5.8	-62	39	7.5	31	4.8	28	6.4	30	9.5	32	6.0	99.0	0.0
21 4 81 11	6.6	-52	38	5.4	31	6.9	27	6.4	29	9.8	32	6.5	99.0	0.0
21 4 81 12	6.4	-62	34	7.3	32	5.4	30	6.3	32	9.1	32	6.0	99.0	0.0
21 4 81 13	5.6	-65	32	7.7	30	6.6	27	7.2	29	10.2	32	7.0	99.0	0.0
21 4 81 14	4.1	-1.28	15	9.8	34	6.9	28	7.9	32	10.5	32	7.2	99.0	0.0
21 4 81 15	3.6	-53	43	9.5	1	6.2	32	9.8	32	11.2	1	8.5	99.0	0.0
21 4 81 16	3.0	-28	56	5.2	2	6.6	33	8.4	34	9.8	3	7.5	99.0	0.0
21 4 81 17	1.8	-27	53	9.2	34	6.3	32	6.4	32	7.0	33	7.0	99.0	0.0
21 4 81 18	1.7	-18	48	6.7	32	5.9	34	4.4	30	9.5	32	5.0	99.0	0.0
21 4 81 19	3.8	99.00	55	7.5	32	2.9	34	5.2	32	7.7	33	6.5	99.0	0.0
21 4 81 20	1.1	06	51	4.0	32	3.1	6	3.4	29	6.3	33	4.0	99.0	0.0
21 4 81 21	3	02	49	5.2	32	1.1	12	3.8	29	7.4	32	4.2	99.0	0.0
21 4 81 22	3	-05	48	5.5	33	2.1	34	4.9	32	8.1	33	5.6	99.0	0.0
21 4 81 23	-3	0.00	49	5.2	33	1.2	29	5.6	32	9.1	33	6.3	99.0	0.0
21 4 81 24	-9	02	48	4.6	34	1.7	31	4.5	32	9.1	33	5.5	99.0	0.0
22 4 81 1	-1.1	00	47	5.1	34	2.3	31	4.5	32	7.4	34	5.4	99.0	0.0
22 4 81 2	-1.2	02	48	4.5	34	2.8	34	4.3	32	6.7	34	5.0	99.0	0.0
22 4 81 3	-1.4	03	48	3.7	35	2.6	34	3.3	1	6.0	34	4.5	99.0	0.0
22 4 81 4	-1.5	09	47	4.1	34	2.8	36	3.6	2	6.3	35	3.8	99.0	0.0
22 4 81 5	-1.8	04	50	3.8	35	3.0	36	4.6	32	6.7	34	4.7	99.0	0.0
22 4 81 6	-1.6	-06	52	2.7	35	2.9	36	5.4	32	6.3	33	4.2	99.0	0.0
22 4 81 7	-9	-15	50	3.7	33	2.8	32	4.4	30	4.9	32	4.0	99.0	0.0
22 4 81 8	8	-40	47	3.9	32	3.7	36	3.8	32	6.0	33	4.0	99.0	0.0
22 4 81 9	3.0	-61	41	4.1	34	3.8	36	4.8	2	6.0	33	4.6	99.0	0.0
22 4 81 10	4.1	-76	36	3.4	32	3.6	36	3.4	2	3.9	34	3.0	99.0	0.0
22 4 81 11	4.9	-78	30	3.6	33	4.6	4	4.1	32	4.2	31	3.9	99.0	0.0
22 4 81 12	5.1	-73	17	4.7	31	3.2	6	3.1	29	4.2	31	3.0	99.0	0.0
22 4 81 13	5.6	-74	22	3.6	30	3.6	10	3.8	24	4.6	33	2.8	99.0	0.0
22 4 81 14	6.0	-80	19	3.1	30	2.7	6	3.9	29	5.6	33	3.1	99.0	0.0
22 4 81 15	6.8	-88	08	7.3	31	2.4	27	4.8	29	8.4	33	5.0	99.0	0.0
22 4 81 16	6.0	-73	20	4.1	33	1.6	26	5.3	29	8.1	34	4.7	99.0	0.0
22 4 81 17	5.7	-64	27	6.2	32	2.5	10	5.9	32	8.4	33	5.8	99.0	0.0
22 4 81 18	5.3	-53	29	5.6	32	2.5	10	6.2	32	7.7	33	5.0	99.0	0.0
22 4 81 19	3.7	-25	35	4.5	34	2.8	12	5.4	32	6.7	34	4.5	99.0	0.0
22 4 81 20	1.2	-14	55	4.2	4	1.4	20	5.1	3	5.6	3	4.9	99.0	0.0
22 4 81 21	-7	15	72	3.1	4	1.3	20	4.1	2	2.8	0	3.7	99.0	0.0
22 4 81 22	-1.1	30	76	2.5	33	9	29	2.1	2	2.1	32	2.8	99.0	0.0
22 4 81 23	-1.5	30	80	2.6	32	9	16	1.6	2	1.8	29	3.0	99.0	0.0
22 4 81 24	-1.4	34	71	3.3	34	1.1	28	2.3	2	5.6	32	3.1	99.0	0.0
23 4 81 1	-1.1	04	65	3.4	2	1.1	32	4.3	2	5.3	36	3.8	4	0.0
23 4 81 2	-1.5	01	64	3.5	0	2	28	5.4	1	4.2	33	4.5	2	0.0
23 4 81 3	-2.0	0.00	63	3.4	1	4	32	4.6	1	3.9	34	4.7	2	0.0
23 4 81 4	-2.5	05	62	3.1	1	8	34	3.8	1	3.2	34	3.8	3	0.0
23 4 81 5	-2.7	01	63	3.1	1	9	34	3.8	1	3.5	33	3.5	2	0.0
23 4 81 6	-1.0	-34	61	2.8	35	6	12	2.8	1	3.9	33	3.2	1	0.0
23 4 81 7	2	-46	77	2.9	1	1.1	28	4.9	1	6.3	36	4.3	3	0.0
23 4 81 8	1.1	-51	58	3.2	1	1.9	26	5.2	1	6.3	1	4.0	2	0.0
23 4 81 9	2.4	-63	47	3.6	36	2.6	27	4.7	2	6.0	1	3.9	2	0.0
23 4 81 10	2.1	-43	45	4.5	2	1.5	20	5.6	2	5.6	2	3.0	1	0.0
23 4 81 11	3.1	-54	41	4.3	3	1.6	20	5.6	2	4.9	3	4.2	99.0	0.0
23 4 81 12	2.3	-54	44	3.0	2	2.4	20	4.4	2	3.5	4	3.8	99.0	0.0
23 4 81 13	2.5	99.00	54	2.1	1011	4.1	16	4.4	2	99.0	2	3.6	99.0	0.0
23 4 81 14	2.8	99.00	52	1.5	1009	5.2	18	3.1	2	99.0	4	3.0	99.0	0.0
23 4 81 15	3.6	-53	45	3.3	1030	4.3	20	2.9	28	99.0	4	3.6	99.0	0.0
23 4 81 16	3.2	-62	46	3.5	19	3.9	18	2.8	24	35.4	38	3.2	18	0.0
23 4 81 17	2.3	-45	52	2.8	21	3.5	20	2.6	20	3.5	21	3.0	30	0.0
23 4 81 18	1.6	-25	55	2.4	27	2.5	20	2.8	24	3.2	18	2.5	27	0.0
23 4 81 19	2	-14	68	1.9	24	2.5	26	2.8	21	2.5	22	2.3	26	0.0
23 4 81 20	-1.3	19	77	1.1	30	1.6	29	2.1	24	1.8	24	2.5	27	0.0
23 4 81 21	-1.8	29	82	1.5	31	8	28	1.9	26	2.1	30	2.2	30	0.0
23 4 81 22	-2.1	29	87	2.6	33	6	24	1.5	2	2.5	30	2.1	33	0.0
23 4 81 23	-2.4	38	86	2.6	33	7	34	1.8	2	2.8	31	2.0	36	0.0
23 4 81 24	-2.8	32	87	2.3	32	7	34	2.1	2	2.5	32	2.0	36	0.0

			T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
24	4	R1	1	-3.0	.27	.91	3.0	32	.6	31	1.6	2	2.5	31	1.9	34	0.0
24	4	R1	2	-3.3	.31	.92	3.1	32	.3	32	1.3	2	2.5	31	2.0	33	0.0
24	4	R1	3	-3.7	.41	.83	4.0	32	.2	30	1.7	2	2.5	31	2.0	36	0.0
24	4	R1	4	-3.1	.14	.82	3.6	34	.7	32	1.7	2	2.5	31	2.0	35	0.0
24	4	R1	5	-1.6	-.26	.83	2.2	33	.5	32	1.9	2	1.8	31	2.0	2	0.0
24	4	R1	6	.3	-.53	.77	1.6	32	.6	26	2.1	2	1.9	34	2.0	3	0.0
24	4	R1	7	2.1	-.64	.67	1.7	32	3.1	27	1.5	2	2.1	35	2.0	2	0.0
24	4	R1	8	4.1	-.73	.51	1.5	31	3.9	27	1.5	3	2.1	34	2.0	3	0.0
24	4	R1	9	6.0	-1.09	.30	1.5	33	2.4	27	1.1	8	1.8	4	2.0	99	0.0
24	4	R1	10	6.4	-.97	.34	1.6	1031	1.7	22	1.5	14	2.1	8	2.0	7	0.0
24	4	R1	11	5.7	-.88	.37	3.3	20	1.6	24	1.9	16	3.2	11	2.0	7	0.0
24	4	R1	12	5.4	-.86	.36	4.0	18	1.7	26	2.6	17	6.7	13	3.9	17	0.0
24	4	R1	13	5.6	-.88	.41	4.3	19	2.8	20	4.4	17	8.4	13	6.0	18	0.0
24	4	R1	14	5.8	-.78	.44	6.3	1027	4.0	12	4.9	16	7.0	16	5.1	19	0.0
24	4	R1	15	5.2	.99	.40	7.8	30	3.4	20	3.8	16	3.9	20	4.0	20	0.0
24	4	R1	16	5.3	-.60	.45	4.7	1023	2.7	21	3.4	16	6.0	18	4.1	24	0.0
24	4	R1	17	4.5	-.40	.52	4.2	21	2.3	8	4.0	16	4.9	18	3.8	21	0.0
24	4	R1	18	2.5	.02	.60	2.1	21	2.1	12	3.4	16	3.5	19	2.6	24	0.0
24	4	R1	19	1.1	.49	.64	1.4	23	1.7	20	2.1	20	2.1	23	3.0	24	0.0
24	4	R1	20	1.0	.33	.61	2.2	31	.6	16	2.5	26	2.8	23	99.0	99	0.0
24	4	R1	21	.4	.36	.57	2.2	32	.7	29	2.4	21	3.2	29	99.0	99	0.0
24	4	R1	22	-.4	.51	.61	3.2	31	.9	30	1.1	3	2.8	30	99.0	99	0.0
24	4	R1	23	-1.5	.65	.69	3.5	32	.9	32	1.5	2	2.5	31	99.0	99	0.0
24	4	R1	24	-2.0	.64	.77	4.1	32	.9	32	1.3	4	3.2	31	99.0	99	0.0
25	4	R1	1	-2.3	.39	.76	4.2	32	.6	32	1.5	2	2.1	32	99.0	99	0.0
25	4	R1	2	-2.5	.48	.76	3.2	32	.5	32	1.4	2	1.8	32	99.0	99	0.0
25	4	R1	3	-2.7	.43	.80	2.9	32	.6	34	1.2	2	2.1	32	99.0	99	0.0
25	4	R1	4	-2.1	.16	.79	2.7	31	.6	24	1.4	3	2.5	31	99.0	99	0.0
25	4	R1	5	.2	-.26	.71	2.5	32	.5	32	1.2	6	2.5	31	99.0	99	0.0
25	4	R1	6	2.5	-.57	.60	2.0	32	1.1	12	1.4	3	2.5	32	99.0	99	0.0
25	4	R1	7	3.5	-.58	.53	2.3	31	.6	10	1.6	3	3.2	33	99.0	99	0.0
25	4	R1	8	5.2	-.85	.47	2.7	31	1.1	24	1.4	2	2.8	33	99.0	99	0.0
25	4	R1	9	6.2	-.64	.41	2.7	30	.9	26	1.8	2	2.1	33	99.0	99	0.0
25	4	R1	10	7.2	-.69	.36	2.3	39	1.6	11	1.8	2	1.4	1	99.0	99	0.0
25	4	R1	11	7.9	-.73	.30	2.4	29	1.9	32	1.5	2	1.4	12	99.0	99	0.0
25	4	R1	12	8.2	-.83	.34	2.8	19	6.2	16	2.7	22	1.8	11	99.0	99	0.0
25	4	R1	13	6.4	-.64	.46	4.6	14	6.1	16	2.8	22	3.5	12	99.0	99	0.0
25	4	R1	14	5.7	-.54	.46	2.5	19	5.6	15	3.6	16	6.7	13	99.0	99	0.0
25	4	R1	15	7.2	-.34	.41	2.7	17	5.9	16	3.4	13	5.6	13	99.0	99	0.0
25	4	R1	16	6.3	-.70	.40	2.9	16	4.7	16	2.6	16	3.5	15	99.0	99	0.0
25	4	R1	17	5.7	-.49	.39	2.2	17	4.3	16	3.1	16	4.2	17	99.0	99	0.0
25	4	R1	18	4.1	-.21	.43	1.9	21	3.1	16	2.4	16	5.3	13	99.0	99	0.0
25	4	R1	19	2.1	.35	.49	1.2	24	2.4	12	2.6	16	3.2	17	99.0	99	0.0
25	4	R1	20	.6	.67	.52	1.0	26	1.6	11	1.6	16	2.1	23	99.0	99	0.0
25	4	R1	21	.5	.61	.57	1.6	30	1.7	34	.8	20	1.4	32	99.0	99	0.0
25	4	R1	22	-.9	1.66	.77	2.3	33	.6	30	1.2	2	2.1	30	99.0	99	0.0
25	4	R1	23	-2.0	1.03	.86	2.2	34	.3	24	1.7	2	1.8	32	99.0	99	0.0
25	4	R1	24	-2.5	.72	.90	2.4	33	.4	26	1.9	2	2.1	32	99.0	99	0.0
26	4	R1	1	-2.8	.44	.92	2.0	32	.7	32	1.8	2	1.8	32	99.0	99	0.0
26	4	R1	2	-3.2	.30	.93	2.1	32	.6	28	1.5	1	3.2	31	99.0	99	0.0
26	4	R1	3	-3.4	.60	.93	2.3	33	.7	26	1.1	2	1.8	31	99.0	99	0.0
26	4	R1	4	-3.0	.30	.92	2.6	33	1.1	32	1.1	2	1.8	31	99.0	99	0.0
26	4	R1	5	-.7	-.15	.81	2.7	34	.5	32	1.6	1	2.5	31	99.0	99	0.0
26	4	R1	6	1.8	-.63	.65	1.7	34	.5	32	2.1	1	2.5	32	99.0	99	0.0
26	4	R1	7	3.9	-.73	.55	1.6	32	2.2	26	2.4	2	2.1	34	99.0	99	0.0
26	4	R1	8	6.0	-.53	.38	1.2	1032	4.4	28	2.6	4	1.8	5	99.0	99	0.0
26	4	R1	9	7.6	-.84	.33	1.5	1023	3.5	29	.9	3	2.1	9	99.0	99	0.0
26	4	R1	10	5.8	-.44	.36	4.3	12	3.2	32	1.4	3	2.1	10	99.0	99	0.0
26	4	R1	11	7.5	-.81	.41	4.2	19	3.8	32	1.6	16	4.6	11	99.0	99	0.0
26	4	R1	12	7.5	-.90	.37	4.7	18	4.4	31	3.2	16	7.7	13	6.0	99	0.0
26	4	R1	13	7.6	-.76	.39	4.3	18	4.1	32	4.4	17	8.1	14	6.2	99	0.0
26	4	R1	14	7.7	-.93	.37	3.7	18	3.6	32	5.2	16	8.1	14	5.9	99	0.0
26	4	R1	15	6.9	-.74	.39	4.0	17	3.1	6	4.6	17	8.1	14	5.9	99	0.0
26	4	R1	16	6.8	-.69	.38	4.1	18	2.9	6	4.1	16	7.0	14	5.8	99	0.0
26	4	R1	17	6.3	-.48	.39	3.3	19	3.1	2	4.0	16	4.9	17	4.5	99	0.0
26	4	R1	18	4.8	-.22	.45	2.3	19	2.8	3	4.1	16	4.2	17	3.9	99	0.0
26	4	R1	19	2.2	.42	.55	1.5	19	2.2	34	3.4	17	3.2	17	3.0	99	0.0
26	4	R1	20	1.4	.50	.58	1.0	27	2.4	34	2.5	16	1.8	16	99.0	99	0.0
26	4	R1	21	.7	.63	.65	2.0	33	2.6	33	1.6	14	1.4	0	99.0	99	0.0
26	4	R1	22	.0	.65	.72	2.8	34	2.9	34	2.1	2	2.8	31	99.0	99	0.0
26	4	R1	23	-.3	.57	.68	2.5	33	3.1	34	2.1	2	2.5	31	99.0	99	0.0
26	4	R1	24	-1.1	.85	.79	3.0	33	2.8	34	1.1	2	2.1	38	99.0	99	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
27 4 81 1	-2.0	1.01	75	3.0	31	2.8	24	1.5	2	2.8	33	99.0	99.	0.0
27 4 81 2	-2.1	1.31	88	2.2	32	2.2	34	.9	2	2.5	33	99.0	99.	0.0
27 4 81 3	-7.6	1.25	91	2.6	32	2.4	32	1.5	1	3.5	31	99.0	99.	0.0
27 4 81 4	-2.2	.45	88	3.1	32	2.8	32	1.4	2	3.5	31	99.0	99.	0.0
27 4 81 5	-1	.08	84	3.0	32	1.4	32	1.3	2	3.9	31	99.0	99.	0.0
27 4 81 6	2.3	-.38	70	3.0	32	2.1	25	2.0	1	3.2	32	2.7	99.	0.0
27 4 81 7	4.5	-.59	58	2.9	32	3.3	36	1.9	2	2.5	34	2.2	99.	0.0
27 4 81 8	6.1	-.48	50	3.9	32	3.1	36	2.8	32	3.9	33	2.9	99.	0.0
27 4 81 9	7.5	-.74	45	3.2	30	2.4	32	4.1	32	6.0	33	4.0	99.	0.0
27 4 81 10	8.1	-.76	38	3.6	31	2.9	32	3.2	29	3.9	33	3.5	99.	0.0
27 4 81 11	9.0	-.89	32	4.0	31	2.4	26	3.6	28	4.2	33	3.6	99.	0.0
27 4 81 12	8.0	-.61	30	4.6	31	2.7	26	3.8	28	6.3	34	2.9	99.	0.0
27 4 81 13	8.5	-.69	29	4.7	34	2.4	14	4.3	29	7.0	33	3.7	99.	0.0
27 4 81 14	7.3	-.60	34	4.2	34	3.6	24	5.6	28	7.0	33	4.0	99.	0.0
27 4 81 15	7.0	-.60	42	5.4	2	4.8	17	5.7	2	7.0	33	4.5	99.	0.0
27 4 81 16	6.1	-.43	42	4.2	35	4.2	20	5.9	2	6.7	3	6.0	99.	0.0
27 4 81 17	5.0	-.24	47	3.0	34	4.1	22	5.4	1	6.7	2	5.5	99.	0.0
27 4 81 18	4.5	-.16	49	2.7	36	2.3	16	4.8	1	3.9	38	4.5	99.	0.0
27 4 81 19	2.9	.17	49	4.3	35	3.1	14	3.9	1	5.3	35	3.2	99.	0.0
27 4 81 20	2.1	.24	53	3.6	36	1.6	14	3.5	1	4.6	35	3.0	99.	0.0
27 4 81 21	1.1	.19	55	3.1	35	.6	16	2.8	1	3.5	32	3.1	99.	0.0
27 4 81 22	.5	.26	58	2.9	35	1.1	32	3.1	2	3.9	30	2.8	99.	0.0
27 4 81 23	.2	.23	59	3.4	35	1.4	32	3.2	2	2.5	30	2.6	99.	0.0
27 4 81 24	-.1	.22	59	3.4	35	.9	32	2.6	2	2.5	31	2.4	99.	0.0
28 4 81 1	-.3	.22	59	2.7	0.	.8	34	2.8	3	3.5	30	2.5	99.	0.0
28 4 81 2	-.8	.76	60	3.0	35	.8	34	4.6	1	4.2	30	3.0	99.	0.0
28 4 81 3	-1.4	.21	71	2.9	32	.3	32	3.4	2	4.2	29	2.8	99.	0.0
28 4 81 4	-.9	.14	74	3.2	33	.8	34	2.9	1	3.5	30	2.9	99.	0.0
28 4 81 5	1.6	-.37	64	2.6	33	.6	32	2.1	2	3.9	30	2.9	99.	0.0
28 4 81 6	3.3	-.55	55	2.9	36	.4	12	2.1	2	3.5	30	3.2	99.	0.0
28 4 81 7	4.6	-.69	50	2.7	35	.7	21	3.8	1	4.6	33	3.5	99.	0.0
28 4 81 8	5.9	-.79	44	2.4	34	1.2	10	3.4	1	3.2	33	3.0	99.	0.0
28 4 81 9	6.2	-.78	21	.2	1032	.7	10	2.7	1	2.5	3	99.0	99.	0.0
28 4 81 10	6.9	-.61	27	2.8	30	4.1	20	2.8	1	2.1	7	99.0	99.	0.0
28 4 81 11	7.4	-.69	30	2.7	28	4.2	22	2.5	2	1.8	9	99.0	99.	0.0
28 4 81 12	9.2	-.91	23	2.3	32	5.1	22	2.1	22	2.1	7	99.0	99.	0.0
28 4 81 13	6.4	-.71	45	4.3	13	3.4	24	2.3	18	2.5	10	99.0	99.	0.0
28 4 81 14	7.3	-.85	46	3.6	16	4.6	20	2.5	16	6.0	13	4.2	99.	0.0
28 4 81 15	8.7	-.79	36	2.9	20	2.8	20	4.3	16	6.7	13	5.6	99.	0.0
28 4 81 16	6.3	-1.06	28	5.9	1023	2.7	19	3.8	16	4.2	18	4.3	99.	0.0
28 4 81 17	6.6	-1.08	36	4.9	27	1.9	18	3.1	17	5.3	20	4.0	99.	0.0
28 4 81 18	5.0	-.37	39	2.9	19	1.1	16	3.8	21	4.2	21	4.2	99.	0.0
28 4 81 19	3.3	.13	47	2.0	17	1.1	9	2.1	17	3.5	21	3.2	99.	0.0
28 4 81 20	2.1	.33	55	1.5	17	1.6	34	2.7	18	1.8	20	99.0	99.	0.0
28 4 81 21	1.4	.36	61	1.3	16	1.2	32	1.8	16	1.8	13	99.0	99.	0.0
28 4 81 22	.8	.53	64	3.2	15	1.1	32	2.1	14	1.4	15	99.0	99.	0.0
28 4 81 23	-1.0	.97	87	1.5	33	1.4	28	1.1	12	2.1	0	99.0	99.	0.0
28 4 81 24	-1.8	.89	91	3.0	34	1.8	30	2.1	2	2.1	21	99.0	99.	0.0
29 4 81 1	-2.0	.77	90	2.8	33	1.7	30	2.1	2	2.5	31	99.0	99.	0.0
29 4 81 2	-2.5	.30	94	2.6	32	1.5	32	2.1	2	2.1	31	99.0	99.	0.0
29 4 81 3	-2.7	.41	94	2.4	33	2.4	32	1.6	1	3.2	31	99.0	99.	0.0
29 4 81 4	-2.0	.13	38	2.9	33	4.9	32	2.1	1	3.2	30	99.0	99.	0.0
29 4 81 5	.4	-.35	80	1.3	1.	12.4	32	2.1	1	2.8	30	99.0	99.	0.0
29 4 81 6	1.9	-.25	64	1.0	1027	99.0	99.	1.8	2	2.5	31	99.0	99.	0.0
29 4 81 7	3.0	-.39	55	1.1	23	99.0	99.	1.4	2	1.4	6	99.0	99.	0.0
29 4 81 8	4.6	-.46	54	.7	1024	99.0	99.	.9	6	1.8	1	99.0	99.	0.0
29 4 81 9	4.2	-.31	54	1.3	18	99.0	99.	.8	2	1.4	5	99.0	99.	0.0
29 4 81 10	5.4	-.50	49	4.3	22	99.0	99.	.7	10	1.8	38	99.0	99.	0.0
29 4 81 11	5.2	-.48	54	4.7	22	99.0	99.	3.1	20	3.9	22	99.0	99.	0.0
29 4 81 12	4.4	-.43	63	4.8	22	99.0	99.	3.3	22	4.2	23	99.0	99.	0.0
29 4 81 13	3.6	-.31	66	4.7	21	99.0	99.	4.6	21	4.6	22	99.0	99.	0.0
29 4 81 14	3.1	-.29	75	4.7	22	99.0	99.	3.4	18	5.6	19	99.0	99.	0.0
29 4 81 15	2.4	-.23	84	3.3	20	99.0	99.	4.2	20	4.9	19	99.0	99.	0.0
29 4 81 16	1.9	-.14	68	4.4	27	99.0	99.	3.1	20	4.2	19	99.0	99.	0.0
29 4 81 17	1.6	-.14	84	4.1	19	99.0	99.	2.9	17	3.9	18	99.0	99.	0.0
29 4 81 18	1.7	-.11	99	1.4	18	99.0	99.	2.6	20	2.5	18	99.0	99.	0.0
29 4 81 19	1.8	-.05	98	.6	1009	99.0	99.	1.5	16	1.8	13	99.0	99.	.5
29 4 81 20	1.5	-.04	98	.5	32	99.0	99.	1.3	8	1.8	1	99.0	99.	.6
29 4 81 21	1.2	-.07	98	1.2	33	99.0	99.	1.8	1	1.8	33	99.0	99.	1.7
29 4 81 22	1.1	-.10	97	2.0	32	99.0	99.	2.8	1	2.1	33	99.0	99.	1.9
29 4 81 23	.7	-.07	97	2.3	34	99.0	99.	2.6	1	2.8	32	99.0	99.	.4
29 4 81 24	-.1	-.08	97	3.9	31	99.0	99.	2.7	1	3.2	32	99.0	99.	0.0

	T-AS	DT-AS	RI-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
30 4 81 1	- 3	- 10	97	4 1	30.	99.0	99	2 1	30.	3 5	32	99.0	99	0.0
30 4 81 2	- 5	- 08	97	3 1	31.	99.0	99	1 6	27.	3 5	30	99.0	99	0.0
30 4 81 3	- 7	- 06	96	2 5	30.	99.0	99	2 3	30.	2 5	31.	99.0	99	0.0
30 4 81 4	- 5	- 08	96	2 0	32.	99.0	99	2 3	27.	2 5	30.	99.0	99	0.0
30 4 81 5	1.2	- 08	89	2 7	32.	99.0	99	2 2	2	2 5	30.	99.0	99	0.0
30 4 81 6	4.0	- 31	59	5 8	33.	99.0	99	3 7	32.	5 6	31.	99.0	99	0.0
30 4 81 7	4 5	- 54	35	7 9	32.	99.0	99	4 8	30.	8 8	32.	4 5	99	0.0
30 4 81 8	5.3	- 77	27	8 6	33.	99.0	99	4 9	32.	10 9	32.	6 8	99	0.0
30 4 81 9	6.6	- 57	25	8 4	33.	99.0	99	6 7	30	12 3	33	7 9	99	0.0
30 4 81 10	7.4	- 62	24	8.2	32.	99.0	99	7 6	30.	12 3	33	8 5	99	0.0
30 4 81 11	8.2	- 71	21	7 3	31	99.0	99	5 9	32.	10 5	33	8 0	99	0.0
30 4 81 12	9.1	- 73	19	7 4	32.	99.0	99	6 6	32.	9 8	33.	6 2	99	0.0
30 4 81 13	8 8	- 59	19	6.6	32.	99.0	99	6 9	31.	9 5	33	6 1	99	0.0
30 4 81 14	9.2	- 69	20	6 0	30.	99.0	99	6 0	32.	9 5	33.	5 6	99	0.0
30 4 81 15	9 2	- 74	19	5 5	30.	99.0	99	6 2	28.	8 8	30.	6 0	99	0.0
30 4 81 16	8.2	- 46	21	5 8	30.	99.0	99	5 6	28.	8 8	30.	6 2	99	0.0
30 4 81 17	7 2	- 21	25	4 6	29.	99.0	99	5 4	28	8 1	31.	6 0	99	0.0
30 4 81 18	6 4	- 10	30	5 9	28.	99.0	99	5 8	28.	6 0	30.	5 0	99	0.0
30 4 81 19	5 0	- 02	41	4 5	29.	99.0	99	3 7	28.	5 3	28.	5 1	99	0.0
30 4 81 20	3 5	- 13	54	1 8	25.	99.0	99	3 2	28.	3 5	28.	4 5	99	0.0
30 4 81 21	3 2	- 16	59	2 7	29.	99.0	99	3 7	26	2 8	26.	4 2	99	0.0
30 4 81 22	3 2	- 05	59	3 4	29.	99.0	99	3 0	26.	3 2	28.	4 7	99	0.0
30 4 81 23	2 0	- 21	60	2 4	31.	99.0	99	2 1	26.	2 1	28.	4 1	99	0.0
30 4 81 24	2 0	- 04	76	1 8	30.	99.0	99	2 1	28.	2 1	31.	3 5	99	0.0
1 5 81 1	3	- 30	62	3 3	33.	99.0	99	1 3	26.	2 1	0.	2 4	18.	0.0
1 5 81 2	5	- 35	75	2 7	32.	99.0	99	2 7	32	2 5	31.	2 1	33.	0.0
1 5 81 3	6	- 24	76	3 4	33.	99.0	99	2 1	2.	3 5	30.	2 1	35.	0.0
1 5 81 4	1 3	- 10	75	3 6	35.	99.0	99	1 8	1.	5 6	32.	2 5	2.	0.0
1 5 81 5	2 7	- 13	69	3 8	35.	99.0	99	8	2.	6 7	33.	3 5	3.	0.0
1 5 81 6	3 2	- 25	69	5 2	2	99.0	99	3 8	2.	6 7	35	4 2	2.	0.0
1 5 81 7	8	- 21	92	5 3	36.	99.0	99	8 4	1.	8 1	2	6 1	5.	0.0
1 5 81 8	2 2	- 36	89	2 9	35.	99.0	99	6 2	1.	6 3	36.	6 2	4.	0.0
1 5 81 9	3 4	- 29	69	5 3	3.	99.0	99	6 3	1.	2 8	30.	3 1	3.	5
1 5 81 10	2 9	- 30	69	4 7	2.	99.0	99	8 4	2.	8 4	1.	5 5	5.	0.0
1 5 81 11	3 2	- 30	66	5 4	1.	99.0	99	9 9	2.	7 4	3.	7 0	6.	0.0
1 5 81 12	3 4	- 35	70	5 7	2.	99.0	99	8 9	2.	9 1	1.	7 8	5.	0.0
1 5 81 13	3 3	- 32	71	5 9	2.	99.0	99	8 9	2.	9 1	2.	8 0	6.	0.0
1 5 81 14	3 2	- 30	72	4 8	2.	99.0	99	8 6	2.	8 8	3.	7 0	6.	0.0
1 5 81 15	3 2	- 32	73	5 0	3.	99.0	99	7 6	1.	7 0	3.	6 2	7.	0.0
1 5 81 16	3 3	- 26	68	4 5	2.	99.0	99	6 9	1.	7 0	2.	6 8	6.	0.0
1 5 81 17	3 6	- 28	66	3 6	0.	99.0	99	4 9	1.	6 7	1.	6 0	6.	0.0
1 5 81 18	2 4	- 08	70	2 5	2.	99.0	99	4 1	1.	6 0	1.	4 3	4.	0.0
1 5 81 19	1 6	- 18	69	3 4	0.	99.0	99	3 3	1.	4 6	34.	4 0	3.	0.0
1 5 81 20	2 0	- 00	59	4 7	35.	99.0	99	3 4	2.	6 0	34.	3 8	2.	0.0
1 5 81 21	1 5	- 00	56	4 4	35.	99.0	99	4 3	1.	99.0	99	4 1	3.	0.0
1 5 81 22	1 4	- 03	54	4 4	35.	99.0	99	4 6	2.	99.0	99	4 2	3.	0.0
1 5 81 23	1 0	- 00	53	4 7	35.	99.0	99	3 3	34.	99.0	99	4 5	3.	0.0
1 5 81 24	6	- 01	52	4 4	34.	99.0	99	4 1	34.	99.0	99	4 4	2.	0.0
2 5 81 1	4	- 00	51	5 2	34.	99.0	99	4 1	1.	99.0	99	4 3	2.	0.0
2 5 81 2	2	- 02	50	5 7	35.	99.0	99	4 8	1.	99.0	99	4 7	2.	0.0
2 5 81 3	- 0	- 01	50	4 7	33.	99.0	99	6 7	1.	99.0	99	5 5	3.	0.0
2 5 81 4	0	- 06	49	5 0	33.	99.0	99	4 4	1.	99.0	99	5 0	2.	0.0
2 5 81 5	4	- 16	48	5 8	35.	99.0	99	4 6	1.	99.0	99	5 2	3.	0.0
2 5 81 6	1 2	- 24	46	5 5	36.	99.0	99	6 6	1.	99.0	99	5 0	4.	0.0
2 5 81 7	2 6	- 39	47	5 4	0.	99.0	99	8 2	1.	99.0	99	6 1	5.	0.0
2 5 81 8	3 1	- 38	40	4 9	1.	99.0	99	3 0	1.	99.0	99	6 5	5.	0.0
2 5 81 9	4 3	- 45	38	5 4	2.	99.0	99	7 4	1.	99.0	99	6 0	5.	0.0
2 5 81 10	6 2	- 63	35	4 7	2.	99.0	99	6 0	1.	99.0	99	5 2	5.	0.0
2 5 81 11	7 2	- 63	32	4 1	1.	99.0	99	6 4	1.	99.0	99	4 5	4.	0.0
2 5 81 12	8 0	- 72	29	4 2	36.	99.0	99	6 6	1.	99.0	99	5 2	6.	0.0
2 5 81 13	6 6	- 40	29	3 1	2.	99.0	99	5 4	1.	99.0	99	4 8	5.	0.0
2 5 81 14	6 5	- 77	28	3 7	34	99.0	99	5 6	1.	99.0	99	4 0	5.	0.0
2 5 81 15	6 6	- 1 00	25	2 2	1	99.0	99	3 5	1.	99.0	99	4 1	6.	0.0
2 5 81 16	5 3	- 32	22	5 2	1027.	99.0	99	3 6	1.	3 2	99.	3 6	3.	0.0
2 5 81 17	4 8	- 36	52	2 3	21.	99.0	99	2 1	1.	3 5	3	3 0	33.	0.0
2 5 81 18	4 0	- 19	55	3 1	21.	99.0	99	2 1	16.	3 5	17.	99.0	27.	0.0
2 5 81 19	2 9	- 10	62	2 0	16.	99.0	99	2 5	20.	3 9	18.	99.0	24.	0.0
2 5 81 20	2 1	- 29	67	1 6	14.	99.0	99	1 9	13.	3 9	20.	99.0	23.	0.0
2 5 81 21	2 2	- 19	69	1 5	13.	99.0	99	1 6	14.	2 5	14.	99.0	22.	0.0
2 5 81 22	1 0	- 33	71	1 1	20.	99.0	99	1 3	10.	2 1	14.	99.0	24.	0.0
2 5 81 23	- 4	- 34	85	1 1	30.	99.0	99	2 1	2.	1 8	16.	99.0	24.	0.0
2 5 81 24	- 1 4	- 78	90	2 2	33.	99.0	99	2 1	2.	2 8	31.	99.0	32.	0.0

	Y-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-LINI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
3 5 81 1	-1.7	.59	81	3.1	33	99.0	99.	2.1	1.	2.1	32	2.8	33.	0.0
3 5 81 2	-2.2	.62	85	2.5	33.	99.0	99.	2.4	1.	2.1	33.	2.8	36.	0.0
3 5 81 3	-2.5	.37	88	2.5	33.	99.0	99.	1.9	1.	1.8	32.	2.8	35.	0.0
3 5 81 4	-1.9	.13	81	2.2	33.	99.0	99.	1.8	1.	1.8	32.	2.8	33.	0.0
3 5 81 5	.7	-.44	72	1.5	24.	99.0	99.	1.9	1.	2.5	32.	2.5	34.	0.0
3 5 81 6	3.2	-.46	49	1.6	33.	99.0	99.	1.8	1.	2.1	33.	2.1	1.	0.0
3 5 81 7	5.0	-.77	41	1.6	32.	99.0	99.	1.5	2.	2.1	33.	2.1	2.	0.0
3 5 81 8	7.1	-.63	34	1.0	30.	99.0	99.	1.1	4.	1.8	35.	2.1	4.	0.0
3 5 81 9	5.8	-.58	45	3.5	13.	99.0	99.	1.1	26	1.2	6.	2.1	6.	0.0
3 5 81 10	5.4	-.57	59	4.4	15.	99.0	99.	2.4	16.	2.5	7.	2.1	12.	0.0
3 5 81 11	5.1	-.48	56	4.0	15.	99.0	99.	4.0	14.	5.3	11.	3.2	17.	0.0
3 5 81 12	5.4	-.49	43	4.9	15.	99.0	99.	3.9	14.	8.4	13.	5.2	18.	0.0
3 5 81 13	6.6	99.00	46	7.0	1014.	99.0	99.	4.2	14.	8.4	13.	5.6	18.	0.0
3 5 81 14	7.8	-.71	36	4.1	16.	99.0	99.	4.1	14.	7.7	13.	5.7	19.	0.0
3 5 81 15	7.4	-.82	32	4.1	17.	99.0	99.	4.4	16.	6.7	15.	5.8	18.	0.0
3 5 81 16	7.0	-.70	45	3.4	17.	99.0	99.	4.1	16.	7.0	15.	4.0	23.	0.0
3 5 81 17	6.0	-.42	48	2.8	18.	99.0	99.	3.8	16.	6.0	16.	4.2	19.	0.0
3 5 81 18	4.6	-.31	60	2.8	19.	99.0	99.	3.1	16.	5.3	18.	3.7	20.	0.0
3 5 81 19	2.8	.03	67	2.4	17.	99.0	99.	2.6	16.	3.9	18.	3.6	18.	0.0
3 5 81 20	2.1	.21	77	2.4	15.	99.0	99.	2.6	16.	4.6	14.	3.8	19.	0.0
3 5 81 21	2.4	.02	83	2.4	15.	99.0	99.	2.4	15.	3.5	17.	3.3	18.	0.0
3 5 81 22	2.6	.06	83	2.2	15.	99.0	99.	2.2	15.	2.5	16.	3.2	20.	0.0
3 5 81 23	2.3	.02	87	1.9	18.	99.0	99.	1.7	15.	1.8	17.	3.3	21.	0.0
3 5 81 24	1.0	.16	95	1.1	9.	99.0	99.	1.6	15.	1.8	17.	3.0	22.	0.0
4 5 81 1	.9	.06	98	.9	1019.	99.0	99.	2.3	2.	2.1	38.	3.0	2.	0.0
4 5 81 2	-.2	-.06	98	2.3	10.	99.0	99.	2.9	2.	3.2	4.	2.3	27.	.2
4 5 81 3	-.3	-.06	98	2.2	9.	99.0	99.	2.3	4.	3.5	6.	2.2	18.	.2
4 5 81 4	-.3	-.07	97	2.1	9.	99.0	99.	2.6	2.	1.4	8.	2.2	14.	1.1
4 5 81 5	-.2	-.09	97	2.7	9.	99.0	99.	2.9	2.	1.8	6.	2.2	9.	1.5
4 5 81 6	-.1	-.07	96	2.7	8.	99.0	99.	2.8	3.	2.1	7.	2.2	11.	1.2
4 5 81 7	.0	-.10	95	3.3	7.	99.0	99.	3.4	3.	1.8	9.	2.2	10.	.6
4 5 81 8	-.1	-.14	95	2.9	2025.	99.0	99.	2.3	3.	2.1	9.	2.2	8.	2.0
4 5 81 9	.1	-.18	96	1.5	10.	99.0	99.	1.6	2.	99.0	99.	2.2	18.	2.0
4 5 81 10	.5	-.30	96	.0	10.	99.0	99.	1.7	1.	2.1	13.	2.0	21.	1.6
4 5 81 11	1.8	-.36	92	1.2	7.	99.0	99.	1.5	1.	1.8	11.	2.0	9.	.4
4 5 81 12	2.5	-.30	88	1.6	8.	99.0	99.	1.5	6.	2.1	14.	2.0	9.	0.0
4 5 81 13	4.0	-.35	83	1.4	9.	99.0	99.	1.5	2.	2.1	12.	2.0	6.	0.0
4 5 81 14	5.1	-.53	80	1.2	9.	99.0	99.	1.6	4.	1.8	12.	2.0	6.	0.0
4 5 81 15	4.5	-.30	84	1.9	12.	99.0	99.	1.4	12.	2.5	99.	2.0	16.	0.0
4 5 81 16	3.8	-.18	89	3.0	11.	99.0	99.	2.5	10.	3.2	12.	2.4	16.	0.0
4 5 81 17	4.1	-.22	88	2.7	12.	99.0	99.	2.2	12.	3.9	12.	3.0	15.	0.0
4 5 81 18	4.1	-.17	88	2.4	11.	99.0	99.	2.1	8.	3.9	12.	3.0	16.	0.0
4 5 81 19	3.3	-.08	94	2.7	10.	99.0	99.	1.8	8.	3.2	12.	3.0	14.	0.0
4 5 81 20	2.7	.06	97	1.2	1006.	99.0	99.	1.4	6.	1.4	27.	2.1	23.	0.0
4 5 81 21	2.6	.01	96	2.4	10.	99.0	99.	2.2	2.	1.4	38.	2.1	27.	0.0
4 5 81 22	2.4	.17	95	2.9	10.	99.0	99.	2.1	2.	1.4	10.	2.1	16.	0.0
4 5 81 23	2.3	.19	93	3.5	11.	99.0	99.	1.5	1.	1.4	10.	2.1	13.	0.0
4 5 81 24	2.5	.01	93	3.1	11.	99.0	99.	1.5	8.	1.8	12.	2.1	20.	0.0
5 5 81 1	2.5	-.00	94	2.5	11.	99.0	99.	1.9	6.	1.8	11.	2.0	15.	0.0
5 5 81 2	2.6	-.10	94	2.7	11.	99.0	99.	1.7	6.	2.1	10.	2.0	9.	0.0
5 5 81 3	2.8	-.01	93	2.9	10.	99.0	99.	2.4	2.	2.1	9.	2.0	38.	0.0
5 5 81 4	2.8	.08	93	2.7	11.	99.0	99.	2.4	2.	1.8	8.	2.0	13.	0.0
5 5 81 5	2.7	.01	94	1.5	10.	99.0	99.	2.5	2.	2.5	0.	2.0	36.	0.0
5 5 81 6	3.1	-.13	92	1.5	9.	99.0	99.	2.0	6.	2.8	8.	2.0	38.	0.0
5 5 81 7	3.3	-.21	90	2.3	9.	99.0	99.	2.3	8.	2.1	10.	2.0	9.	0.0
5 5 81 8	4.1	-.26	85	1.9	7.	99.0	99.	2.1	2.	2.1	10.	2.0	6.	0.0
5 5 81 9	5.4	-.38	78	2.2	8.	3.7	9.	2.1	6.	1.4	7.	2.0	36.	0.0
5 5 81 10	5.9	-.53	77	2.7	12.	2.3	12.	2.3	12.	3.5	13.	2.6	10.	0.0
5 5 81 11	7.7	-.54	69	2.0	9.	3.4	14.	2.0	15.	1.8	9.	2.5	11.	0.0
5 5 81 12	9.3	-.76	57	2.2	12.	3.4	11.	1.6	12.	1.8	9.	2.4	9.	0.0
5 5 81 13	9.7	-.69	45	2.9	15.	3.3	14.	2.1	12.	3.2	10.	2.0	12.	0.0
5 5 81 14	9.8	-.70	47	3.6	14.	3.1	12.	3.1	17.	5.3	13.	3.0	15.	0.0
5 5 81 15	9.9	-.69	47	3.2	14.	3.1	10.	2.7	17.	4.9	14.	3.9	16.	0.0
5 5 81 16	9.9	-.69	50	2.7	14.	3.1	18.	2.6	17.	4.9	14.	3.9	18.	0.0
5 5 81 17	9.4	-.66	52	2.9	18.	3.3	19.	2.3	17.	4.9	15.	4.1	13.	0.0
5 5 81 18	8.6	-.44	60	2.9	17.	3.1	18.	2.5	17.	4.9	16.	4.0	19.	0.0
5 5 81 19	7.2	-.25	74	2.8	15.	2.9	14.	2.5	17.	3.9	17.	3.0	20.	0.0
5 5 81 20	5.7	.15	84	2.0	14.	1.7	10.	1.1	16.	2.5	17.	3.0	22.	0.0
5 5 81 21	4.6	.42	89	1.8	12.	.5	24.	.6	12.	1.4	38.	2.8	22.	0.0
5 5 81 22	4.0	.36	90	1.3	11.	.5	30.	.7	2.	1.4	0.	2.0	13.	0.0
5 5 81 23	3.5	.49	93	1.1	10.	.7	32.	.7	6.	1.4	11.	2.0	9.	0.0
5 5 81 24	3.2	.54	94	1.1	10.	.5	30.	.6	6.	1.4	0.	2.0	13.	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
6 5 81 1	3 0	.71	.95	.6	7	.7	31	.6	14	1.4	0	99.0	12	0.0
6 5 81 2	3 0	.94	.95	1.1	34	.5	28	.7	12	1.8	31	99.0	9	0.0
6 5 81 3	3.1	.70	.96	1.4	34	.7	29	.7	6	1.8	13	99.0	14	0.0
6 5 81 4	2.9	.74	.98	1.7	33	.8	30	.6	6	1.4	29	99.0	18	.1
6 5 81 5	3.1	.45	.98	1.2	34	.5	27	1.1	4	1.8	38	99.0	9	.1
6 5 81 6	3.6	.07	.98	1.6	1	.5	31	1.7	2	1.8	27	99.0	17	1.1
6 5 81 7	5.7	-.17	.95	.7	3	.8	30	1.2	2	1.4	0	3.8	38	0.0
6 5 81 8	7.1	-.38	.84	.6	2	.7	28	1.2	3	1.4	0	99.0	99	0.0
6 5 81 9	7.7	-.45	.82	.7	34	.9	28	1.1	16	1.8	11	99.0	99	0.0
6 5 81 10	8.9	-.44	.70	.7	1030	1.3	17	1.6	16	2.1	11	99.0	99	0.0
6 5 81 11	8.0	-.47	.79	1.7	13	2.1	15	1.9	16	4.9	12	99.0	99	0.0
6 5 81 12	9.2	-.54	.72	2.4	14	2.5	18	3.1	17	5.3	13	99.0	99	0.0
6 5 81 13	9.4	-.61	.71	3.1	1016	3.9	32	3.7	20	4.6	38	99.0	99	0.0
6 5 81 14	8.9	-.49	.72	2.0	12	.8	12	1.8	6	2.5	4	99.0	99	0.0
6 5 81 15	9.5	-.55	.67	3.7	15	2.7	20	3.1	16	4.9	12	99.0	99	0.0
6 5 81 16	9.1	-.41	.68	2.9	19	1.1	15	2.2	26	3.9	38	99.0	99	0.0
6 5 81 17	9.0	-.48	.71	2.2	17	1.5	16	2.4	16	2.8	4	99.0	99	0.0
6 5 81 18	8.3	-.35	.78	2.8	14	4.0	16	3.2	15	6.0	13	99.0	99	0.0
6 5 81 19	6.7	-.23	.78	3.4	14	4.2	16	3.6	14	5.6	13	99.0	99	0.0
6 5 81 20	5.1	-.03	.70	3.1	14	3.5	12	2.5	16	4.6	14	99.0	99	0.0
6 5 81 21	4.0	.14	.78	2.7	13	3.1	11	2.4	15	3.2	13	99.0	99	0.0
6 5 81 22	3.6	.24	.82	2.8	15	.8	38	1.9	16	2.5	13	99.0	99	0.0
6 5 81 23	3.3	.32	.88	2.2	16	.5	30	1.7	16	1.4	15	99.0	99	0.0
6 5 81 24	3.0	.43	.94	2.4	14	.5	32	1.2	12	1.4	32	99.0	99	0.0
7 5 81 1	3.1	.33	.93	2.1	13	.4	27	1.3	2	1.4	27	99.0	99	0.0
7 5 81 2	3.0	.22	.89	1.8	15	0.0	37	1.7	2	1.4	33	99.0	99	0.0
7 5 81 3	3.1	-.03	.86	1.6	16	.4	27	.9	6	1.8	35	99.0	99	0.0
7 5 81 4	3.7	-.01	.77	2.0	20	.4	24	1.1	8	1.8	33	99.0	99	0.0
7 5 81 5	3.9	-.05	.73	2.4	20	0.0	37	1.3	8	1.4	35	99.0	99	0.0
7 5 81 6	4.5	-.15	.72	1.6	21	.4	30	1.1	2	1.4	0	99.0	99	0.0
7 5 81 7	5.6	-.30	.68	1.1	20	.6	32	1.3	14	1.4	34	99.0	99	0.0
7 5 81 8	7.5	-.44	.58	1.4	21	.4	9	1.1	12	1.4	5	99.0	99	0.0
7 5 81 9	7.6	-.37	.72	2.5	12	.5	31	1.5	16	1.8	5	99.0	99	0.0
7 5 81 10	6.9	-.29	.82	2.7	12	1.3	10	1.9	13	2.5	6	99.0	99	0.0
7 5 81 11	7.5	-.37	.84	2.7	13	1.5	18	1.8	16	3.9	12	99.0	99	0.0
7 5 81 12	10.1	-.57	.66	2.3	13	.9	16	1.2	14	3.2	10	99.0	99	0.0
7 5 81 13	9.3	-.44	.74	3.4	14	2.6	17	2.9	16	6.0	13	99.0	99	0.0
7 5 81 14	8.7	-.30	.91	2.6	13	3.1	17	1.8	16	4.6	13	99.0	99	0.0
7 5 81 15	8.3	-.30	.82	3.7	13	3.3	16	2.7	16	5.3	13	99.0	99	0.0
7 5 81 16	8.0	-.26	.84	2.8	13	3.9	16	2.1	16	5.3	13	99.0	99	0.0
7 5 81 17	8.2	-.24	.84	2.5	13	2.7	17	1.8	16	4.2	13	99.0	99	0.0
7 5 81 18	8.7	-.26	.83	2.0	13	2.1	18	1.4	16	4.2	13	99.0	99	0.0
7 5 81 19	6.8	-.23	.84	1.7	13	1.5	12	1.1	16	3.2	14	99.0	99	0.0
7 5 81 20	7.9	.03	.86	.9	13	.6	14	.8	4	1.8	13	99.0	99	0.0
7 5 81 21	7.0	.39	.92	1.4	9	.7	32	1.3	3	1.4	38	99.0	99	0.0
7 5 81 22	6.0	.46	.95	1.4	2	.7	38	1.5	4	2.1	32	99.0	99	0.0
7 5 81 23	5.3	.66	.97	1.1	4	.7	28	.9	4	1.8	38	99.0	99	0.0
7 5 81 24	4.8	.61	.96	1.1	4	0.0	37	.6	4	1.4	10	99.0	99	0.0
8 5 81 1	4.5	1.28	.98	1.5	1	.6	32	1.1	2	1.4	0	99.0	99	0.0
8 5 81 2	4.2	.96	.97	1.7	1	.3	36	1.4	2	1.4	38	99.0	99	0.0
8 5 81 3	4.3	.78	.94	1.9	0	.6	35	1.4	3	1.4	39	99.0	99	0.0
8 5 81 4	4.3	.65	.91	2.0	36	.5	34	1.2	3	1.4	13	99.0	99	0.0
8 5 81 5	4.3	.99	.92	1.9	36	.7	27	.9	2	1.4	16	99.0	99	0.0
8 5 81 6	4.7	.99	.94	1.3	36	.5	31	.8	4	1.8	32	99.0	99	0.0
8 5 81 7	7.3	.74	.87	.3	1001	.8	29	.5	8	1.8	38	99.0	99	0.0
8 5 81 8	10.4	-.27	.71	1.1	13	.7	26	.5	2	1.4	12	99.0	99	0.0
8 5 81 9	11.2	-.42	.60	2.1	13	.5	28	.7	12	1.4	99	99.0	99	0.0
8 5 81 10	12.2	-.53	.55	2.7	13	2.3	12	1.7	17	2.8	7	99.0	99	0.0
8 5 81 11	13.3	-.70	.49	3.0	14	2.9	16	3.1	18	5.3	13	99.0	99	0.0
8 5 81 12	13.1	-.65	.48	4.0	16	5.4	19	4.4	17	7.7	14	99.0	99	0.0
8 5 81 13	12.8	-.61	.45	4.5	15	5.2	18	4.0	17	7.4	14	99.0	99	0.0
8 5 81 14	13.4	-.63	.42	3.9	14	5.4	18	3.1	16	7.0	14	99.0	99	0.0
8 5 81 15	14.4	-.64	.36	3.6	14	5.4	18	3.1	17	7.0	14	99.0	99	0.0
8 5 81 16	14.3	-.50	.35	3.7	15	4.2	17	2.8	16	6.7	14	99.0	99	0.0
8 5 81 17	13.8	-.41	.34	2.5	14	2.9	17	2.1	16	5.3	14	99.0	99	0.0
8 5 81 18	13.5	-.29	.36	.7	1002	1.0	38	1.1	14	2.1	11	99.0	99	0.0
8 5 81 19	11.9	.08	.45	1.1	3	1.1	38	1.9	2	1.4	99	99.0	99	0.0
8 5 81 20	11.2	.43	.39	1.9	5	.6	26	.9	2	1.4	99	99.0	99	0.0
8 5 81 21	9.6	.81	.42	1.4	5	.6	30	.8	6	1.4	14	99.0	99	0.0
8 5 81 22	8.3	1.09	.55	2.3	34	.7	30	.9	2	1.4	13	99.0	99	0.0
8 5 81 23	6.5	1.34	.68	2.9	33	1.3	28	.9	6	1.4	0	99.0	99	0.0
8 5 81 24	5.2	3.05	.77	2.3	33	1.2	29	.3	6	2.1	32	99.0	99	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
9 5 81 1	4.7	2.24	.79	2.2	33.	1.1	32.	.7	4	1.8	0.	99.0	99.	0.0
9 5 81 2	4.3	2.59	.83	1.7	1.	1.0	33.	1.1	2	2.5	32.	99.0	99.	0.0
9 5 81 3	3.4	99.00	.89	2.7	36.	.9	33.	2.1	2	2.5	32.	99.0	99.	0.0
9 5 81 4	3.1	1.81	.91	1.7	6.	1.0	28.	.9	2.	2.1	38.	99.0	99.	0.0
9 5 81 5	4.2	1.13	.89	1.7	3.	.9	33.	.7	4	2.1	32.	99.0	99.	0.0
9 5 81 6	6.8	.37	.80	1.3	2.	.5	32.	2.1	2.	2.1	31.	99.0	99.	0.0
9 5 81 7	10.5	-.47	.63	1.8	5	1.6	27.	1.5	2.	1.8	32.	99.0	99.	0.0
9 5 81 8	11.4	-.53	.57	1.7	9.	1.1	27.	1.9	2.	1.8	0.	99.0	99.	0.0
9 5 81 9	12.6	-.56	.52	2.1	9.	2.4	12.	2.1	6.	1.4	2.	99.0	99.	0.0
9 5 81 10	13.5	-.53	.50	2.1	13.	2.1	20.	1.6	20	1.8	11.	99.0	99.	0.0
9 5 81 11	14.8	-.56	.49	1.8	1009.	1.3	24.	1.6	20	1.8	5.	99.0	99.	0.0
9 5 81 12	16.4	-.69	.47	1.3	1013.	2.0	20.	2.1	22.	1.8	9.	99.0	99.	0.0
9 5 81 13	17.2	-.84	.45	2.2	14.	2.6	14	2.0	21.	2.8	11.	99.0	99.	0.0
9 5 81 14	17.1	-.71	.46	3.1	14.	2.4	18.	2.1	20.	4.9	13.	99.0	99.	0.0
9 5 81 15	17.7	-.71	.45	3.2	14.	3.3	19	2.1	19.	5.3	14.	99.0	99.	0.0
9 5 81 16	18.5	-.73	.45	2.3	15.	2.6	19.	1.8	20.	3.9	13.	99.0	99.	0.0
9 5 81 17	18.5	-.71	.42	2.5	16	3.3	19	1.6	19.	3.9	13.	99.0	99.	0.0
9 5 81 18	18.5	-.57	.42	1.2	13.	1.9	19.	.7	14.	2.5	13.	99.0	99.	0.0
9 5 81 19	18.0	-.47	.45	1.1	15.	1.3	25	1.1	20.	1.8	13.	99.0	99.	0.0
9 5 81 20	15.7	-.03	.53	.9	16.	.7	18	.8	14.	1.4	0	99.0	99.	0.0
9 5 81 21	14.7	.18	.56	1.0	13.	1.0	31.	.4	6.	1.4	13.	99.0	99.	0.0
9 5 81 22	13.9	.40	.60	1.0	10.	1.3	30.	.6	6.	1.4	14.	99.0	99.	0.0
9 5 81 23	12.1	1.24	.71	1.2	1.	1.5	32	.9	8.	1.4	11.	99.0	99.	0.0
9 5 81 24	10.5	1.22	.82	2.4	35.	1.9	28.	.7	4	1.8	32.	99.0	99.	0.0
10 5 81 1	9.1	1.76	.89	2.8	33.	1.9	29.	.7	2.	2.8	32.	99.0	99.	0.0
10 5 81 2	8.3	1.66	.93	2.9	34.	1.9	29.	.7	2.	2.8	31.	99.0	99.	0.0
10 5 81 3	8.0	.87	.92	2.9	34.	.9	32.	1.9	2.	2.8	31.	99.0	99.	0.0
10 5 81 4	7.5	.81	.92	2.8	35	.5	21	1.8	2.	2.5	33.	99.0	99.	0.0
10 5 81 5	7.5	.78	.91	3.1	34.	1.1	32.	2.6	1	3.5	32.	99.0	99.	0.0
10 5 81 6	9.5	.08	.81	4.4	34	1.0	30.	2.8	2	2.8	32.	99.0	99.	0.0
10 5 81 7	10.7	-.20	.77	2.9	34.	2.3	29.	2.1	2.	2.5	33.	99.0	99.	0.0
10 5 81 8	12.5	-.39	.71	2.7	33.	2.2	29	2.4	2.	2.8	33	99.0	99.	0.0
10 5 81 9	14.4	-.44	.66	2.9	33.	2.5	28.	3.0	2.	3.5	33.	99.0	99.	0.0
10 5 81 10	17.3	-.70	.59	2.6	32.	2.3	27.	2.0	2.	3.9	33.	99.0	99.	0.0
10 5 81 11	20.4	-.69	.54	2.0	31.	1.8	27.	1.6	2.	2.1	33	99.0	99.	0.0
10 5 81 12	21.5	-.55	.57	3.2	9.	3.4	9.	2.2	12.	1.8	0.	99.0	99.	0.0
10 5 81 13	22.0	-.51	.51	3.4	10.	3.3	10.	2.6	10.	2.5	11.	99.0	99.	0.0
10 5 81 14	22.7	-.64	.51	2.9	13.	2.3	11.	2.1	12	3.2	12.	99.0	99.	0.0
10 5 81 15	23.2	-.72	.50	2.3	15.	2.3	11.	2.1	20.	4.2	13.	99.0	99.	0.0
10 5 81 16	23.1	-.65	.50	2.5	14.	2.7	11.	1.4	21.	4.2	13	99.0	99.	0.0
10 5 81 17	22.7	-.50	.50	1.9	14.	2.8	9.	2.0	18.	3.5	13	99.0	99.	0.0
10 5 81 18	22.2	-.38	.52	1.3	13.	3.1	9.	1.3	12.	.4	13.	99.0	99.	0.0
10 5 81 19	21.1	-.13	.56	2.3	9.	3.3	9.	3.6	7.	2.1	12.	99.0	99.	0.0
10 5 81 20	20.0	-.05	.63	2.4	7.	2.3	9.	3.4	6.	3.5	9.	99.0	99.	0.0
10 5 81 21	18.2	.14	.73	2.6	3.	2.0	32	4.1	2.	2.5	4.	99.0	99.	0.0
10 5 81 22	17.7	.05	.74	4.0	3.	2.7	34.	5.6	2.	2.8	33.	99.0	99.	0.0
10 5 81 23	17.3	.05	.76	3.6	2.	2.3	35.	4.6	2.	2.8	0.	99.0	99.	0.0
10 5 81 24	17.2	.11	.77	3.3	2.	1.4	28.	4.4	2.	2.5	32.	99.0	99.	0.0
11 5 81 1	16.2	.33	.83	1.8	3	1.1	24.	2.7	2.	2.5	34.	99.0	99.	.5
11 5 81 2	15.1	.35	.92	3.1	2.	1.7	34.	4.6	2.	2.5	33.	99.0	99.	.4
11 5 81 3	15.0	.19	.89	3.8	1.	1.6	35	5.4	2.	2.8	32	99.0	99.	0.0
11 5 81 4	14.6	.08	.88	3.9	4.	1.5	29.	5.4	3.	2.5	32.	99.0	99.	0.0
11 5 81 5	14.6	-.00	.87	3.5	2.	1.3	26.	5.4	2.	2.8	31.	99.0	99.	0.0
11 5 81 6	15.5	-.18	.84	3.2	2.	2.5	35.	6.4	2.	3.2	0.	99.0	99.	0.0
11 5 81 7	15.8	-.18	.81	3.1	3.	2.0	36.	6.9	2.	4.6	3.	99.0	99.	0.0
11 5 81 8	16.9	-.33	.76	4.9	4.	2.0	36	7.9	1.	6.7	3.	99.0	99.	0.0
11 5 81 9	18.2	-.37	.71	4.5	5	1.8	36	8.1	2.	5.6	3	99.0	99.	0.0
11 5 81 10	20.3	-.46	.64	4.7	3.	3.3	8.	7.4	2.	6.7	3.	99.0	99.	0.0
11 5 81 11	21.7	-.46	.56	4.3	6.	4.6	9.	6.6	3	4.9	3.	99.0	99.	0.0
11 5 81 12	22.5	-.49	.53	5.1	7.	5.5	9.	6.7	6.	6.7	6.	99.0	99.	0.0
11 5 81 13	23.2	-.43	.52	5.3	8.	5.7	9.	7.4	3.	6.7	8	99.0	99.	0.0
11 5 81 14	24.0	-.45	.49	5.0	8	5.2	9.	4.6	6.	6.7	9.	99.0	99.	0.0
11 5 81 15	24.8	-.43	.44	5.2	9.	5.5	10.	4.9	7.	7.4	8.	99.0	99.	0.0
11 5 81 16	25.0	-.37	.41	4.5	9.	5.4	10.	5.6	6.	7.0	10.	99.0	99.	0.0
11 5 81 17	24.2	-.17	.41	5.2	9.	5.0	10.	5.2	6.	6.0	10.	99.0	99.	0.0
11 5 81 18	23.8	-.09	.42	5.1	3.	5.5	9.	6.2	6.	7.0	10.	99.0	99.	0.0
11 5 81 19	23.2	-.03	.43	4.2	8.	5.0	9.	5.1	6.	6.0	9.	99.0	99.	0.0
11 5 81 20	22.5	0.00	.44	5.0	8.	4.2	9.	6.2	6.	6.0	9.	99.0	99.	0.0
11 5 81 21	22.0	.02	.44	6.0	8.	5.2	9.	6.4	6.	6.3	8	99.0	99.	0.0
11 5 81 22	21.5	-.00	.46	6.2	8.	7.2	9.	7.9	6.	7.4	9.	99.0	99.	0.0
11 5 81 23	20.5	-.02	.51	6.3	8.	6.4	9.	7.2	5.	7.7	9.	99.0	99.	0.0
11 5 81 24	19.2	-.02	.59	6.5	2.	6.5	9.	6.9	5.	7.4	10.	99.0	99.	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
12	5 81 1	18.1	- 05	66	6.3	8	6.2	9	6.9	5	5.6	9	99.0	99.0	0.0
12	5 81 2	17.1	- 08	71	5.6	7	5.1	9	6.9	3	6.0	8	99.0	99.0	0.0
12	5 81 3	16.1	- 08	74	4.0	6	4.9	9	7.2	4	5.3	7	99.0	99.0	0.0
12	5 81 4	15.2	- 09	76	2.7	4	3.4	8	6.2	2	5.3	6	99.0	99.0	0.0
12	5 81 5	15.2	- 15	77	3.2	4	2.9	8	6.6	2	5.6	5	99.0	99.0	0.0
12	5 81 6	15.9	- 24	75	3.0	1	2.9	28	4.8	2	5.6	5	99.0	99.0	0.0
12	5 81 7	15.9	- 20	74	2.8	1004	2.8	26	5.4	1	6.7	5	99.0	99.0	0.0
12	5 81 8	16.2	- 18	71	3.0	4	2.8	32	5.9	2	6.7	4	99.0	99.0	0.0
12	5 81 9	17.0	- 21	68	3.1	5	3.1	8	4.6	3	6.0	4	99.0	99.0	0.0
12	5 81 10	18.6	- 34	64	3.8	7	5.2	8	6.6	4	5.3	5	99.0	99.0	0.0
12	5 81 11	19.2	- 25	60	6.4	7	8.5	9	7.9	4	7.4	5	99.0	99.0	0.0
12	5 81 12	20.7	- 34	55	7.4	7	9.6	9	9.2	4	9.5	7	99.0	99.0	0.0
12	5 81 13	21.5	- 38	51	7.6	9	8.0	9	9.4	4	9.8	8	99.0	99.0	0.0
12	5 81 14	22.4	- 44	47	6.8	8	8.5	9	9.4	4	8.1	8	99.0	99.0	0.0
12	5 81 15	22.8	- 38	47	6.3	9	8.2	9	8.4	6	7.0	9	99.0	99.0	0.0
12	5 81 16	22.5	- 35	47	6.9	8	8.4	9	8.9	6	7.4	9	99.0	99.0	0.0
12	5 81 17	21.9	- 28	49	6.6	9	8.5	9	6.7	6	7.0	9	99.0	99.0	0.0
12	5 81 18	21.9	- 18	50	5.2	8	7.1	10	6.9	7	8.1	11	99.0	99.0	0.0
12	5 81 19	20.1	- 11	50	5.8	9	8.4	10	6.1	7	7.7	10	99.0	99.0	0.0
12	5 81 20	18.9	- 05	51	5.8	10	8.5	10	4.6	6	6.0	10	99.0	99.0	0.0
12	5 81 21	18.0	- 01	51	4.9	9	6.4	10	3.4	6	6.0	10	99.0	99.0	0.0
12	5 81 22	17.1	- 03	50	5.3	9	4.3	10	3.5	4	5.6	9	99.0	99.0	0.0
12	5 81 23	16.0	- 03	50	4.9	10	3.8	11	4.3	4	6.3	10	99.0	99.0	0.0
12	5 81 24	14.7	- 02	49	3.9	8	3.7	11	5.4	4	5.6	9	99.0	99.0	0.0
13	5 81 1	13.7	- 02	48	4.1	6	3.4	10	8.0	4	5.3	8	99.0	99.0	0.0
13	5 81 2	12.8	- 00	45	4.1	6	2.3	9	9.6	4	4.9	6	99.0	99.0	0.0
13	5 81 3	12.3	- 02	45	4.9	5	2.3	7	6.6	4	4.9	5	99.0	99.0	0.0
13	5 81 4	11.6	- 07	43	5.1	5	2.3	6	6.4	3	4.9	5	99.0	99.0	0.0
13	5 81 5	11.2	- 05	43	4.8	4	3.6	36	8.4	3	4.9	3	99.0	99.0	0.0
13	5 81 6	11.3	- 14	47	4.3	3	4.3	36	10.0	2	7.0	3	99.0	99.0	0.0
13	5 81 7	11.3	- 17	49	4.1	3	4.1	36	9.3	2	7.4	3	99.0	99.0	0.0
13	5 81 8	12.1	- 21	48	3.4	4	3.3	36	8.2	2	7.4	3	99.0	99.0	0.0
13	5 81 9	13.6	- 35	45	4.2	5	3.6	36	8.0	2	4.9	3	99.0	99.0	0.0
13	5 81 10	14.5	- 30	43	4.5	8	4.8	8	6.4	3	4.6	4	99.0	99.0	0.0
13	5 81 11	13.0	- 02	51	5.8	2004	4.5	9	6.4	3	5.3	7	99.0	99.0	0.0
13	5 81 12	15.0	- 19	48	2.9	6	5.0	8	4.3	4	1.8	9	99.0	99.0	0.0
13	5 81 13	16.0	- 16	43	5.1	8	4.7	9	6.9	4	7.7	8	99.0	99.0	0.0
13	5 81 14	12.0	- 09	70	4.0	7	2.8	38	5.2	4	8.1	9	99.0	99.0	0.0
13	5 81 15	10.0	- 22	95	3.2	2	1.3	28	4.1	2	2.5	2	99.0	99.0	1.7
13	5 81 16	9.6	- 30	98	3.0	1	2.1	32	2.7	2	2.1	30	99.0	99.0	2.0
13	5 81 17	9.6	- 25	99	2.9	34	2.1	29	2.0	3	3.5	30	99.0	99.0	1.9
13	5 81 18	9.6	- 30	99	3.3	34	2.1	30	2.1	2	3.9	30	99.0	99.0	4
13	5 81 19	9.4	- 22	1.00	2.8	33	2.9	28	1.7	2	3.9	31	99.0	99.0	2
13	5 81 20	9.2	- 24	99	3.2	34	1.9	28	3.6	2	4.2	32	99.0	99.0	3
13	5 81 21	9.5	- 44	97	3.4	0	2.0	30	2.6	2	3.2	32	99.0	99.0	2
13	5 81 22	9.4	- 37	96	3.3	1	2.3	30	4.7	3	3.5	31	99.0	99.0	8
13	5 81 23	9.6	- 43	92	4.3	3	1.9	32	5.4	3	2.5	31	99.0	99.0	0.0
13	5 81 24	9.6	- 44	84	2.3	2	2.1	30	5.4	2	2.5	31	99.0	99.0	1
14	5 81 1	10.3	- 37	61	2.4	6	1.6	30	3.4	4	4	33	99.0	99.0	0.0
14	5 81 2	10.3	- 28	55	2.1	5	1.5	30	1.9	2	2.1	32	99.0	99.0	0.0
14	5 81 3	9.9	- 22	56	2.4	5	1.4	32	3.5	2	2.1	32	99.0	99.0	0.0
14	5 81 4	9.7	- 18	54	2.6	4	1.9	31	4.3	3	2.8	35	99.0	99.0	0.0
14	5 81 5	9.5	- 11	54	3.3	5	2.5	30	4.6	3	3.9	3	99.0	99.0	0.0
14	5 81 6	9.3	- 03	55	3.0	3	1.6	4	5.1	2	3.5	3	99.0	99.0	0.0
14	5 81 7	9.5	- 03	53	3.0	5	1.8	36	4.4	2	3.9	3	99.0	99.0	0.0
14	5 81 8	10.4	- 08	52	2.9	4	1.1	36	4.8	2	4.9	3	99.0	99.0	0.0
14	5 81 9	11.7	- 19	49	3.3	4	1.0	11	4.4	1	4.6	2	99.0	99.0	0.0
14	5 81 10	13.9	- 37	45	3.9	5	1.1	9	4.9	2	5.3	2	99.0	99.0	0.0
14	5 81 11	15.2	- 30	43	3.3	6	1.9	9	4.8	3	4.2	3	99.0	99.0	0.0
14	5 81 12	16.9	- 38	40	3.4	7	2.8	8	4.4	3	4.6	5	99.0	99.0	0.0
14	5 81 13	18.4	- 41	35	4.1	7	4.1	10	4.6	6	4.6	6	99.0	99.0	0.0
14	5 81 14	19.1	- 38	33	4.2	8	4.2	8	5.9	4	4.2	7	99.0	99.0	0.0
14	5 81 15	19.2	- 25	22	3.6	10	3.4	8	3.8	3	4.6	11	99.0	99.0	0.0
14	5 81 16	18.2	- 04	32	3.0	12	3.5	9	2.3	8	4.6	13	99.0	99.0	0.0
14	5 81 17	17.6	- 06	33	2.3	10	2.0	14	1.8	14	2.8	13	99.0	99.0	0.0
14	5 81 18	16.3	- 10	40	2.3	12	1.9	10	1.8	8	3.2	13	99.0	99.0	0.0
14	5 81 19	16.2	- 14	43	2.2	5	99.0	99	3.1	12	2.5	32	99.0	99.0	0.0
14	5 81 20	15.7	- 26	45	2.1	5	99.0	99	3.1	3	2.1	33	99.0	99.0	0.0
14	5 81 21	14.7	- 53	49	1.4	1033	99.0	99	1.4	2	2.8	30	99.0	99.0	0.0
14	5 81 22	13.1	- 1.10	66	2.5	34	99.0	99	2.1	2	3.2	31	99.0	99.0	0.0
14	5 81 23	12.9	- 51	72	2.9	35	99.0	99	1.9	2	2.8	31	99.0	99.0	0.0
14	5 81 24	12.1	- 64	78	2.9	35	99.0	99	2.1	2	3.2	30	99.0	99.0	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-LWI	D-LWI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
9 5 81 1	4.7	2.24	.79	2.2	33.	1.1	32.	.7	4.	1.8	0	99.0	99.	0.0
9 5 81 2	4.3	2.52	.82	1.7	1.	1.0	33.	1.1	2.	2.5	32	99.0	99.	0.0
9 5 81 3	3.4	99.00	.69	2.7	36.	.9	33.	2.1	2.	2.5	32	99.0	99.	0.0
9 5 81 4	3.1	1.81	.91	1.7	6.	1.0	28.	.9	2.	2.1	38.	99.0	99.	0.0
9 5 81 5	4.2	1.13	.89	1.7	3.	.9	33.	.7	4.	2.1	32	99.0	99.	0.0
9 5 81 6	6.8	.32	.60	1.3	2.	.5	32.	2.1	2.	2.1	31.	99.0	99.	0.0
9 5 81 7	10.5	-47	.63	1.8	5.	1.6	27.	1.5	2.	1.8	32.	99.0	99.	0.0
9 5 81 8	11.4	-53	.57	1.7	9.	1.1	27.	1.9	2.	1.8	0.	99.0	99.	0.0
9 5 81 9	12.6	-56	.52	2.1	9.	2.4	12.	2.1	6.	1.4	2.	99.0	99.	0.0
9 5 81 10	13.5	-53	.50	2.1	13.	2.1	20.	1.6	20.	1.8	11.	99.0	99.	0.0
9 5 81 11	14.8	-56	.49	1.8	1009	1.3	24.	1.6	20.	1.8	5.	99.0	99.	0.0
9 5 81 12	16.4	-69	.47	1.3	1013.	2.0	20.	2.1	22.	1.8	9.	99.0	99.	0.0
9 5 81 13	17.2	-84	.45	2.2	14.	2.6	14.	2.0	21.	2.8	11.	99.0	99.	0.0
9 5 81 14	17.1	-71	.46	3.1	14.	2.4	18.	2.1	20.	4.9	13	99.0	99.	0.0
9 5 81 15	17.7	-71	.45	3.2	14.	3.3	19.	2.1	19.	5.3	14.	99.0	99.	0.0
9 5 81 16	18.5	-73	.45	2.3	15.	2.6	19.	1.8	20.	3.9	13.	99.0	99.	0.0
9 5 81 17	18.5	-71	.42	2.5	16.	3.3	19.	1.6	19.	3.9	13	99.0	99.	0.0
9 5 81 18	18.5	-57	.42	1.2	13.	1.9	19.	.7	14.	2.5	13.	99.0	99.	0.0
9 5 81 19	18.0	-47	.45	1.1	15.	1.3	25.	1.1	20.	1.8	13.	99.0	99.	0.0
9 5 81 20	15.7	-33	.53	.9	16.	.7	18.	.8	14.	1.4	0.	99.0	99.	0.0
9 5 81 21	14.7	-18	.56	1.0	13.	1.0	31.	.4	6.	1.4	13.	99.0	99.	0.0
9 5 81 22	13.9	.40	.60	1.0	10.	1.3	30.	.6	6.	1.4	14	99.0	99.	0.0
9 5 81 23	12.1	1.24	.71	1.2	1.	1.5	32.	.9	8.	1.4	11.	99.0	99.	0.0
9 5 81 24	10.5	1.32	.82	2.4	35.	1.9	28.	.7	4.	1.8	32.	99.0	99.	0.0
10 5 81 1	9.1	1.74	.89	2.8	33.	1.9	29.	.7	2.	2.8	32.	99.0	99.	0.0
10 5 81 2	9.3	1.64	.92	2.9	34.	1.9	29.	.7	2.	2.8	31	99.0	99.	0.0
10 5 81 3	8.0	.87	.92	2.9	34.	.9	32.	1.9	2.	2.8	31.	99.0	99.	0.0
10 5 81 4	7.5	.81	.92	2.8	35.	.5	31.	1.8	2.	2.5	33.	99.0	99.	0.0
10 5 81 5	7.5	.78	.91	3.1	34.	1.1	32.	2.6	1.	3.5	32.	99.0	99.	0.0
10 5 81 6	9.5	.08	.81	4.4	34.	1.0	30.	2.8	2.	2.8	32	99.0	99.	0.0
10 5 81 7	10.7	-20	.77	2.9	34.	2.3	29.	2.1	2.	2.5	33	99.0	99.	0.0
10 5 81 8	12.5	-39	.71	2.7	33.	2.2	29.	2.4	2.	2.8	33	99.0	99.	0.0
10 5 81 9	14.4	-41	.64	2.9	33.	2.5	28.	3.0	2.	3.5	33	99.0	99.	0.0
10 5 81 10	17.3	-70	.59	2.6	32.	2.3	27.	2.0	2.	3.9	33	99.0	99.	0.0
10 5 81 11	20.4	-69	.54	2.0	31.	1.8	27.	1.6	2.	2.1	33	99.0	99.	0.0
10 5 81 12	21.5	-55	.52	3.2	9.	3.4	9.	2.2	12.	1.8	0	99.0	99.	0.0
10 5 81 13	22.0	-51	.51	3.4	10.	3.3	10.	2.6	10.	2.5	11.	99.0	99.	0.0
10 5 81 14	22.7	-64	.51	2.9	13.	2.3	11.	2.1	12.	3.2	12.	99.0	99.	0.0
10 5 81 15	23.2	-72	.50	2.3	15.	2.3	11.	2.1	20.	4.2	13	99.0	99.	0.0
10 5 81 16	23.1	-65	.50	2.5	14.	2.7	11.	1.4	21.	4.2	13	99.0	99.	0.0
10 5 81 17	22.7	-50	.50	1.9	14.	2.8	9.	2.0	18.	3.5	13.	99.0	99.	0.0
10 5 81 18	22.2	-38	.52	1.3	13.	3.1	9.	1.3	12.	4	13	99.0	99.	0.0
10 5 81 19	21.1	-13	.56	2.3	9.	3.3	9.	3.6	7.	2.1	12.	99.0	99.	0.0
10 5 81 20	20.0	-05	.63	2.4	7.	2.3	9.	3.4	6.	3.5	9.	99.0	99.	0.0
10 5 81 21	18.2	.14	.73	2.6	3.	2.0	32.	4.1	2.	2.5	4.	99.0	99.	0.0
10 5 81 22	17.7	.05	.74	4.0	3.	2.7	34.	5.6	2.	2.8	33.	99.0	99.	0.0
10 5 81 23	17.3	.05	.76	3.6	2.	2.3	35.	4.6	2.	2.8	0.	99.0	99.	0.0
10 5 81 24	17.2	.11	.77	3.3	2.	1.4	28.	4.4	2.	2.5	32.	99.0	99.	0.0
11 5 81 1	16.2	.33	.83	1.8	3.	1.1	24.	2.7	2.	2.5	34.	99.0	99.	.5
11 5 81 2	15.1	.35	.92	3.1	2.	1.7	34.	4.6	2.	2.5	33	99.0	99.	.4
11 5 81 3	15.0	.19	.89	3.8	1.	1.6	35	5.4	2.	2.8	32	99.0	99.	0.0
11 5 81 4	14.6	.08	.88	3.9	4.	1.5	29.	5.4	3.	2.5	32	99.0	99.	0.0
11 5 81 5	14.6	-00	.87	3.5	2.	1.3	26.	5.4	2.	2.8	31.	99.0	99.	0.0
11 5 81 6	15.5	-18	.84	3.2	2.	2.5	35.	6.4	2.	3.2	0.	99.0	99.	0.0
11 5 81 7	15.8	-18	.81	3.1	3.	2.0	36.	6.9	2.	4.6	3.	99.0	99.	0.0
11 5 81 8	16.9	-33	.76	4.9	4.	2.0	36.	7.9	1.	6.7	3.	99.0	99.	0.0
11 5 81 9	18.2	-37	.71	4.5	5.	1.8	36.	8.1	2.	5.6	3.	99.0	99.	0.0
11 5 81 10	20.3	-46	.64	4.7	3.	3.3	8.	7.4	2.	6.7	3.	99.0	99.	0.0
11 5 81 11	21.7	-46	.56	4.3	6.	4.6	9.	6.6	3.	4.9	3.	99.0	99.	0.0
11 5 81 12	22.5	-49	.53	5.1	7.	5.5	9.	6.7	6.	6.7	6.	99.0	99.	0.0
11 5 81 13	23.2	-43	.52	5.3	8.	5.7	9.	7.4	3.	6.7	8	99.0	99.	0.0
11 5 81 14	24.0	-45	.49	5.0	8.	5.2	9.	4.6	6.	6.7	9.	99.0	99.	0.0
11 5 81 15	24.8	-43	.44	5.2	9.	5.5	10	4.9	7.	7.4	8	99.0	99.	0.0
11 5 81 16	25.0	-37	.41	4.5	9.	5.4	10.	5.6	6.	7.0	10.	99.0	99.	0.0
11 5 81 17	24.2	-17	.41	5.2	9.	5.0	10.	5.2	6.	6.0	10.	99.0	99.	0.0
11 5 81 18	23.3	-08	.42	5.1	8.	5.5	9.	6.2	6.	7.0	10.	99.0	99.	0.0
11 5 81 19	23.2	-03	.43	4.2	8.	5.0	9.	5.1	6.	6.0	9.	99.0	99.	0.0
11 5 81 20	22.5	0.00	.44	5.0	8.	4.2	9.	6.2	6.	6.0	8	99.0	99.	0.0
11 5 81 21	22.0	.07	.44	6.0	8.	5.2	9.	6.4	6.	6.3	8.	99.0	99.	0.0
11 5 81 22	21.5	-00	.46	6.2	8.	7.2	9.	7.9	6.	7.4	9.	99.0	99.	0.0
11 5 81 23	20.5	-07	.51	6.3	8.	6.4	9.	7.2	5.	7.7	9.	99.0	99.	0.0
11 5 81 24	19.2	-02	.59	6.5	9.	6.5	9.	6.9	5.	7.4	10.	99.0	99.	0.0

			T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
12	5	81	1	18.1	-05	66	6.3	8.	6.2	9.	6.9	5.	5.6	9.	99.0	99.0	0.0
12	5	81	2	17.1	-08	71	5.6	7.	5.1	9.	6.9	3.	6.0	8.	99.0	99.0	0.0
12	5	81	3	16.1	-08	74	4.0	6.	4.9	9.	7.2	4.	5.3	7.	99.0	99.0	0.0
12	5	81	4	15.2	-09	76	2.7	4.	3.4	8.	6.2	2.	5.3	6.	99.0	99.0	0.0
12	5	81	5	15.2	-15	77	3.2	4.	2.9	8.	6.6	2.	5.6	5.	99.0	99.0	0.0
12	5	81	6	15.9	-24	75	3.0	1.	2.9	28.	4.8	2.	5.6	5.	99.0	99.0	0.0
12	5	81	7	15.9	-20	74	2.8	1004.	2.8	26.	5.4	1.	6.7	5.	99.0	99.0	0.0
12	5	81	8	16.2	-18	71	3.0	4.	2.8	32.	5.9	2.	6.7	4.	99.0	99.0	0.0
12	5	81	9	17.0	-21	68	3.1	5.	3.1	8.	4.6	3.	6.0	4.	99.0	99.0	0.0
12	5	81	10	18.6	-34	64	3.8	7.	5.2	8.	6.6	4.	5.3	5.	99.0	99.0	0.0
12	5	81	11	19.2	-25	60	6.4	7.	8.5	9.	7.9	4.	7.4	5.	99.0	99.0	0.0
12	5	81	12	20.7	-34	55	7.4	7.	9.6	9.	9.2	4.	9.5	7.	99.0	99.0	0.0
12	5	81	13	21.5	-38	51	7.6	9.	8.0	9.	9.4	4.	9.8	8.	99.0	99.0	0.0
12	5	81	14	22.4	-44	47	6.8	8.	8.5	9.	9.4	4.	8.1	8.	99.0	99.0	0.0
12	5	81	15	22.8	-38	47	6.3	9.	8.2	9.	8.4	6.	7.0	9.	99.0	99.0	0.0
12	5	81	16	22.5	-35	47	6.9	8.	8.4	9.	8.9	6.	7.4	9.	99.0	99.0	0.0
12	5	81	17	21.9	-28	49	6.6	9.	8.5	9.	6.7	6.	7.0	9.	99.0	99.0	0.0
12	5	81	18	21.1	-18	50	5.2	8.	7.1	10.	6.9	7.	8.1	11.	99.0	99.0	0.0
12	5	81	19	20.1	-11	50	5.8	9.	8.4	10.	6.1	7.	7.7	10.	99.0	99.0	0.0
12	5	81	20	18.9	-05	51	5.8	10.	8.5	10.	4.6	6.	6.0	10.	99.0	99.0	0.0
12	5	81	21	18.0	-01	51	4.9	9.	6.4	10.	3.4	6.	6.0	10.	99.0	99.0	0.0
12	5	81	22	17.1	-03	50	5.3	9.	4.3	10.	3.5	4.	5.6	9.	99.0	99.0	0.0
12	5	81	23	16.0	-03	50	4.9	10.	3.8	11.	4.3	4.	6.3	10.	99.0	99.0	0.0
12	5	81	24	14.7	-02	49	3.9	8.	3.7	11.	5.4	4.	5.6	9.	99.0	99.0	0.0
13	5	81	1	13.7	-02	48	4.1	6.	3.4	10.	8.0	4.	5.3	8.	99.0	99.0	0.0
13	5	81	2	12.8	-00	45	4.1	6.	2.3	9.	9.6	4.	4.9	6.	99.0	99.0	0.0
13	5	81	3	12.3	-02	45	4.9	5.	2.3	7.	6.6	4.	4.9	5.	99.0	99.0	0.0
13	5	81	4	11.6	-02	43	5.1	5.	2.3	6.	6.4	3.	4.9	5.	99.0	99.0	0.0
13	5	81	5	11.2	-05	43	4.8	4.	3.6	36.	8.4	3.	4.9	3.	99.0	99.0	0.0
13	5	81	6	11.3	-14	47	4.3	3.	4.3	36.	10.0	2.	7.0	3.	99.0	99.0	0.0
13	5	81	7	11.3	-17	49	4.1	3.	4.1	36.	9.3	2.	7.4	3.	99.0	99.0	0.0
13	5	81	8	12.1	-21	48	3.4	4.	3.3	36.	8.2	2.	7.4	3.	99.0	99.0	0.0
13	5	81	9	13.6	-35	45	4.2	5.	3.6	36.	8.0	2.	4.9	3.	99.0	99.0	0.0
13	5	81	10	14.5	-30	43	4.5	8.	4.8	8.	6.4	3.	4.6	4.	99.0	99.0	0.0
13	5	81	11	13.0	-02	51	5.8	2004.	4.5	9.	6.4	3.	5.3	7.	99.0	99.0	0.0
13	5	81	12	15.0	-19	48	2.9	6.	5.0	8.	4.3	4.	1.8	9.	99.0	99.0	0.0
13	5	81	13	16.0	-16	43	5.1	8.	4.7	9.	6.9	4.	7.7	8.	99.0	99.0	0.0
13	5	81	14	12.0	-09	70	4.0	7.	2.8	38.	5.2	4.	8.1	8.	99.0	99.0	0.0
13	5	81	15	10.0	-22	95	3.2	2.	1.3	28.	4.1	2.	2.5	2.	99.0	99.0	1.7
13	5	81	16	9.6	-30	98	3.0	1.	2.1	32.	2.7	2.	2.1	30.	99.0	99.0	2.0
13	5	81	17	9.6	-25	99	2.9	34.	2.1	29.	2.0	3.	2.5	30.	99.0	99.0	1.9
13	5	81	18	9.6	-30	99	3.3	34.	2.1	30.	2.1	2.	3.9	30.	99.0	99.0	4
13	5	81	19	9.4	-22	1.00	2.8	33.	2.9	28.	1.7	2.	3.9	31.	99.0	99.0	2
13	5	81	20	9.2	-24	99	3.2	34.	1.9	28.	3.6	2.	4.2	32.	99.0	99.0	3
13	5	81	21	9.5	-44	97	3.4	0.	2.0	30.	2.6	2.	3.2	32.	99.0	99.0	2
13	5	81	22	9.4	-37	96	3.3	1.	2.3	30.	4.7	3.	3.5	31.	99.0	99.0	8
13	5	81	23	9.6	-43	92	4.3	3.	1.9	32.	5.4	3.	2.5	31.	99.0	99.0	0.0
13	5	81	24	9.6	-44	84	2.3	2.	2.1	30.	5.4	2.	2.5	31.	99.0	99.0	1
14	5	81	1	10.3	-37	61	2.4	6.	1.6	30.	3.4	4.	4	33.	99.0	99.0	0.0
14	5	81	2	10.3	-28	55	2.1	5.	1.5	30.	1.9	2.	2.1	32.	99.0	99.0	0.0
14	5	81	3	9.9	-22	56	2.4	5.	1.4	32.	3.5	2.	2.1	32.	99.0	99.0	0.0
14	5	81	4	9.7	-18	54	2.6	4.	1.9	31.	4.3	3.	2.8	35.	99.0	99.0	0.0
14	5	81	5	9.5	-11	54	3.3	5.	2.5	30.	4.6	3.	3.9	3.	99.0	99.0	0.0
14	5	81	6	9.3	-03	55	3.0	3.	1.6	4.	5.1	2.	3.5	3.	99.0	99.0	0.0
14	5	81	7	9.5	-03	53	3.0	5.	1.8	36.	4.4	2.	3.9	3.	99.0	99.0	0.0
14	5	81	8	10.4	-08	52	2.9	4.	1.1	36.	4.8	2.	4.9	3.	99.0	99.0	0.0
14	5	81	9	11.7	-19	49	3.3	4.	1.0	11.	4.4	1.	4.6	2.	99.0	99.0	0.0
14	5	81	10	13.9	-37	45	3.9	5.	1.1	9.	4.9	2.	5.3	2.	99.0	99.0	0.0
14	5	81	11	15.2	-30	43	3.3	6.	1.9	9.	4.8	3.	4.2	3.	99.0	99.0	0.0
14	5	81	12	16.9	-38	40	3.4	7.	2.8	8.	4.4	3.	4.6	5.	99.0	99.0	0.0
14	5	81	13	18.4	-41	35	4.1	7.	4.1	10.	4.6	6.	4.6	6.	99.0	99.0	0.0
14	5	81	14	19.1	-38	33	4.2	8.	4.2	8.	5.9	4.	4.2	7.	99.0	99.0	0.0
14	5	81	15	19.2	-25	32	3.6	10.	3.4	8.	3.8	3.	4.6	11.	99.0	99.0	0.0
14	5	81	16	18.2	-04	32	3.0	12.	3.5	9.	2.3	8.	4.6	13.	99.0	99.0	0.0
14	5	81	17	17.6	-06	33	2.3	10.	2.0	14.	1.8	14.	2.8	13.	99.0	99.0	0.0
14	5	81	18	16.3	-10	40	2.3	12.	1.9	10.	1.8	8.	3.2	13.	99.0	99.0	0.0
14	5	81	19	16.2	-14	43	2.2	5.	99.0	99.	3.1	12.	2.5	32.	99.0	99.0	0.0
14	5	81	20	15.7	-26	45	2.1	5.	99.0	99.	3.1	3.	2.1	33.	99.0	99.0	0.0
14	5	81	21	14.7	-53	49	1.4	1033.	99.0	99.	1.4	2.	2.8	30.	99.0	99.0	0.0
14	5	81	22	13.1	-10	66	2.5	34.	99.0	99.	2.1	2.	3.2	31.	99.0	99.0	0.0
14	5	81	23	12.9	-51	72	2.9	35.	99.0	99.	1.9	2.	2.8	31.	99.0	99.0	0.0
14	5	81	24	12.1	-64	78	2.9	35.	99.0	99.	2.1	2.	3.2	30.	99.0	99.0	0.0

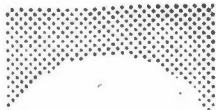
			T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
15	5	81	1	11.8	.80	.82	2.3	35	99.0	99	2.1	2.	2.6	32.	99.0	99.	0.0
15	5	81	2	11.3	.70	.86	3.5	34.	99.0	99.	2.2	2.	3.5	32.	99.0	99.	0.0
15	5	81	3	11.2	.47	.87	2.2	34	99.0	99	1.3	2.	2.8	31.	99.0	99.	0.0
15	5	81	4	10.2	.59	.88	1.9	33.	99.0	99	1.4	2.	2.5	32.	99.0	99.	0.0
15	5	81	5	10.7	.55	.90	2.6	31.	99.0	99.	1.1	2.	2.8	31.	99.0	99.	0.0
15	5	81	6	11.0	.18	.90	1.5	31	99.0	99.	1.3	2.	2.8	32.	99.0	99.	0.0
15	5	81	7	13.3	-.14	.81	2.1	34.	99.0	99.	1.9	2.	2.8	32.	99.0	99.	0.0
15	5	81	8	15.4	-.29	.70	2.5	35.	99.0	99.	2.5	1.	2.8	33.	99.0	99.	0.0
15	5	81	9	15.3	-.04	.67	2.1	2.	99.0	99.	1.8	1.	3.2	33.	99.0	99.	0.0
15	5	81	10	16.1	.02	.62	1.5	4.	99.0	99.	.8	9.	3.2	31.	99.0	99.	0.0
15	5	81	11	17.0	-.18	.57	2.0	9.	99.0	99.	1.4	12.	2.1	32.	99.0	99.	0.0
15	5	81	12	18.3	-.27	.55	2.3	8.	99.0	99.	4.7	2.	1.8	10.	99.0	99.	0.0
15	5	81	13	18.8	-.22	.54	1.5	8.	99.0	99.	3.6	2.	3.5	3.	99.0	99.	0.0
15	5	81	14	18.7	-.23	.55	1.7	8.	99.0	99.	2.8	1.	2.5	1.	99.0	99.	0.0
15	5	81	15	18.8	-.19	.56	.9	7.	99.0	99.	2.1	4.	1.8	5.	99.0	99.	0.0
15	5	81	16	20.6	-.56	.55	1.4	1.	99.0	99.	1.7	1.	3.2	33.	99.0	99.	0.0
15	5	81	17	21.3	-.77	.55	2.1	34.	99.0	99.	2.6	2.	4.2	33.	99.0	99.	0.0
15	5	81	18	19.7	-.25	.61	2.1	32	99.0	99.	2.7	1.	4.2	32.	99.0	99.	0.0
15	5	81	19	17.5	.08	.68	2.3	34.	99.0	99.	2.8	1.	4.6	32.	99.0	99.	0.0
15	5	81	20	15.8	.25	.77	2.6	35.	99.0	99.	2.0	2.	5.3	33.	99.0	99.	0.0
15	5	81	21	15.0	.33	.82	2.6	34.	99.0	99.	2.3	3.	3.9	32.	99.0	99.	0.0
15	5	81	22	13.9	.48	.88	2.1	33.	99.0	99.	1.9	2.	3.5	32.	99.0	99.	0.0
15	5	81	23	14.0	.37	.88	2.7	35.	99.0	99.	2.2	2.	3.2	32.	99.0	99.	0.0
15	5	81	24	13.5	.34	.90	2.2	33.	99.0	99.	1.6	2.	3.2	32.	99.0	99.	0.0
16	5	81	1	13.0	.65	.91	2.3	34.	99.0	99.	1.3	2.	3.2	31.	99.0	99.	0.0
16	5	81	2	12.3	.76	.95	2.7	33.	99.0	99.	1.9	2.	3.2	31.	99.0	99.	0.0
16	5	81	3	11.7	.81	.97	2.7	33.	99.0	99.	1.9	2.	3.5	32.	99.0	99.	0.0
16	5	81	4	11.7	.61	.94	2.8	34.	99.0	99.	1.8	2.	3.5	31.	99.0	99.	0.0
16	5	81	5	11.7	.74	.94	2.0	34.	99.0	99.	1.3	2.	3.2	31.	99.0	99.	0.0
16	5	81	6	13.4	.31	.90	1.7	4.	99.0	99.	1.3	3.	2.5	31.	99.0	99.	0.0
16	5	81	7	15.2	-.18	.61	2.8	9.	99.0	99.	2.4	4.	2.1	38.	99.0	99.	0.0
16	5	81	8	15.9	-.26	.60	3.4	9.	99.0	99.	4.5	8.	2.8	13.	99.0	99.	0.0
16	5	81	9	16.5	-.34	.53	3.9	11.	99.0	99.	4.4	8.	5.3	10.	99.0	99.	0.0
16	5	81	10	16.9	-.39	.57	4.1	12.	99.0	99.	4.5	9.	5.3	14.	99.0	99.	0.0
16	5	81	11	17.5	-.56	.56	3.5	15.	99.0	99.	4.1	12.	5.3	14.	99.0	99.	0.0
16	5	81	12	17.2	-.53	.55	4.1	16.	99.0	99.	3.4	18.	5.6	14.	99.0	99.	0.0
16	5	81	13	18.1	-.47	.51	3.9	14.	99.0	99.	3.1	18.	6.0	15.	99.0	99.	0.0
16	5	81	14	19.4	-.55	.43	3.8	13.	99.0	99.	3.2	12.	5.6	14.	99.0	99.	0.0
16	5	81	15	19.7	-.47	.33	4.5	13.	99.0	99.	4.4	12.	6.3	14.	99.0	99.	0.0
16	5	81	16	19.6	-.40	.27	4.9	12.	99.0	99.	3.9	12.	6.0	13.	99.0	99.	0.0
16	5	81	17	19.7	-.41	.27	3.5	13.	99.0	99.	3.2	12.	5.6	13.	99.0	99.	0.0
16	5	81	18	19.5	-.29	.25	2.7	12.	99.0	99.	2.6	12.	4.6	13.	99.0	99.	0.0
16	5	81	19	18.8	-.09	.26	2.2	10.	99.0	99.	2.6	8.	3.5	13.	99.0	99.	0.0
16	5	81	20	17.4	.18	.30	2.9	7.	99.0	99.	3.2	6.	3.5	9.	99.0	99.	0.0
16	5	81	21	16.3	.29	.35	3.1	7.	99.0	99.	3.0	4.	1.4	4.	99.0	99.	0.0
16	5	81	22	15.9	.21	.39	3.3	7.	99.0	99.	3.5	2.	1.8	35.	99.0	99.	0.0
16	5	81	23	15.6	.14	.43	2.8	7.	99.0	99.	3.2	2.	2.1	35.	99.0	99.	0.0
16	5	81	24	14.9	.11	.46	3.0	9.	99.0	99.	2.2	2.	1.8	38.	99.0	99.	0.0
17	5	81	1	14.3	.06	.50	4.0	9.	99.0	99.	3.6	7.	2.8	9.	99.0	99.	0.0
17	5	81	2	13.4	.11	.56	3.4	9.	99.0	99.	3.3	5.	3.9	9.	99.0	99.	0.0
17	5	81	3	12.4	.13	.62	3.5	10.	99.0	99.	3.3	4.	3.9	9.	99.0	99.	0.0
17	5	81	4	11.9	.10	.66	2.9	9.	99.0	99.	3.6	4.	3.2	9.	99.0	99.	0.0
17	5	81	5	11.7	.08	.68	2.9	7.	99.0	99.	3.9	3.	3.9	8.	99.0	99.	0.0
17	5	81	6	12.5	-.10	.66	3.5	6.	99.0	99.	4.1	2.	3.9	6.	99.0	99.	0.0
17	5	81	7	13.5	-.21	.63	2.3	7.	99.0	99.	5.3	2.	3.5	3.	99.0	99.	0.0
17	5	81	8	13.4	-.12	.61	2.7	6.	99.0	99.	4.0	3.	2.5	4.	99.0	99.	0.0
17	5	81	9	14.2	-.20	.59	2.4	9.	99.0	99.	4.9	3.	3.2	6.	99.0	99.	0.0
17	5	81	10	14.0	-.08	.59	2.8	8.	99.0	99.	3.8	3.	3.2	9.	99.0	99.	0.0
17	5	81	11	15.4	-.23	.57	2.1	7.	99.0	99.	2.1	6.	2.1	10.	99.0	99.	0.0
17	5	81	12	16.6	-.18	.54	3.0	9.	99.0	99.	3.1	4.	1.8	11.	99.0	99.	0.0
17	5	81	13	15.1	-.10	.63	4.2	8.	99.0	99.	5.6	6.	6.0	10.	99.0	99.	0.0
17	5	81	14	15.0	-.16	.69	2.6	7.	99.0	99.	3.6	3.	3.2	5.	99.0	99.	0.0
17	5	81	15	16.6	-.23	.64	3.1	8.	99.0	99.	4.0	2.	3.9	5.	99.0	99.	0.0
17	5	81	16	16.6	-.21	.67	4.1	8.	99.0	99.	4.9	6.	4.6	9.	99.0	99.	0.0
17	5	81	17	15.7	-.10	.72	3.2	7.	99.0	99.	5.1	4.	4.6	4.	99.0	99.	0.0
17	5	81	18	15.4	-.04	.72	2.0	4.	99.0	99.	3.9	4.	2.8	6.	99.0	99.	0.0
17	5	81	19	15.3	.01	.74	1.8	5.	99.0	99.	4.6	2.	2.8	5.	99.0	99.	0.0
17	5	81	20	13.6	.41	.87	2.7	3.	99.0	99.	4.2	2.	2.5	5.	99.0	99.	1.4
17	5	81	21	13.3	.26	.88	3.6	2.	99.0	99.	4.3	3.	3.2	33.	99.0	99.	0.0
17	5	81	22	13.2	.28	.87	3.9	36.	99.0	99.	2.3	3.	3.5	31.	99.0	99.	0.0
17	5	81	23	13.0	.32	.84	4.0	1.	99.0	99.	3.2	3.	3.2	31.	99.0	99.	0.0
17	5	81	24	13.3	.35	.77	2.4	4.	99.0	99.	4.1	3.	2.1	32.	99.0	99.	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
18 5 81 1	13.6	.26	.71	2.5	6.	99.0	99.	3.1	2	2.1	34	99.0	99.	0.0
18 5 81 2	13.5	.18	.72	2.8	7.	99.0	99.	2.9	3.	1.4	35.	99.0	99.	0.0
18 5 81 3	12.8	.23	.75	3.1	8.	99.0	99.	3.9	3.	1.8	2.	99.0	99.	0.0
18 5 81 4	12.4	.21	.75	3.2	9.	99.0	99.	3.7	3.	2.5	8.	99.0	99.	0.0
18 5 81 5	12.8	.05	.71	3.5	7.	99.0	99.	4.0	3	2.5	5	99.0	99.	0.0
18 5 81 6	13.5	-.06	.68	3.1	7.	99.0	99.	3.9	4.	2.8	5	99.0	99.	0.0
18 5 81 7	13.9	-.11	.68	2.4	5.	99.0	99.	4.8	4.	2.5	3	99.0	99.	0.0
18 5 81 8	13.8	-.06	.67	2.5	8.	99.0	99.	3.6	6	1.8	38.	99.0	99.	0.0
18 5 81 9	13.5	0.00	.73	3.0	7.	99.0	99.	4.2	4.	2.5	10	99.0	99.	.2
18 5 81 10	14.3	-.13	.67	2.4	7.	99.0	99.	2.8	3	3.9	6.	99.0	99.	0.0
18 5 81 11	13.8	-.03	.67	2.7	11.	99.0	99.	3.1	6	3.5	12	99.0	99.	0.0
18 5 81 12	15.4	-.25	.70	1.6	2.	99.0	99.	1.3	2.	2.1	38.	99.0	99.	.2
18 5 81 13	17.2	-.52	.67	1.6	22.	99.0	99.	1.9	24.	2.1	38.	99.0	99.	0.0
18 5 81 14	17.2	-.69	.61	2.7	19.	99.0	99.	3.1	20.	4.6	9.	99.0	99.	0.0
18 5 81 15	13.8	-.18	.76	1.9	1015.	99.0	99.	2.4	17	3.9	14.	99.0	99.	0.0
18 5 81 16	15.2	-.32	.74	1.1	1001.	99.0	99.	1.6	2.	1.8	8.	99.0	99.	.2
18 5 81 17	14.6	-.08	.70	.9	1014.	99.0	99.	.7	14.	2.1	12.	99.0	99.	0.0
18 5 81 18	13.2	-.05	.83	1.6	13.	99.0	99.	1.6	16.	3.2	14.	99.0	99.	0.0
18 5 81 19	12.3	-.03	.84	2.8	14.	99.0	99.	2.1	14.	4.9	14.	99.0	99.	0.0
18 5 81 20	11.7	.06	.89	1.0	15.	99.0	99.	1.3	16.	1.8	16.	99.0	99.	0.0
18 5 81 21	10.5	.20	.96	.9	14.	99.0	99.	1.6	17.	1.4	16.	99.0	99.	0.0
18 5 81 22	9.4	.18	1.00	1.4	21.	99.0	99.	1.5	18.	2.1	0.	99.0	99.	0.0
18 5 81 23	9.3	.04	1.00	1.6	13.	99.0	99.	1.6	16.	1.8	14.	99.0	99.	0.0
18 5 81 24	9.3	-.01	1.00	1.4	13.	99.0	99.	1.3	13.	1.4	14.	99.0	99.	0.0
19 5 81 1	9.2	0.00	.99	.4	14.	99.0	99.	1.1	14.	1.4	0.	99.0	99.	0.0
19 5 81 2	8.9	0.00	.99	.6	1004.	99.0	99.	.8	14.	1.4	0.	99.0	99.	0.0
19 5 81 3	8.6	.01	.99	.6	1032.	99.0	99.	1.2	2.	2.1	34.	99.0	99.	0.0
19 5 81 4	8.5	.02	.99	.8	28.	99.0	99.	1.1	2.	2.1	33.	99.0	99.	0.0
19 5 81 5	8.6	.01	.99	.8	1026.	99.0	99.	1.4	26.	2.5	33.	99.0	99.	0.0
19 5 81 6	8.9	.01	.99	.7	1028.	99.0	99.	.7	26.	2.1	38.	99.0	99.	0.0
19 5 81 7	9.6	-.02	.99	.9	1024.	99.0	99.	.9	24	2.1	0.	99.0	99.	0.0
19 5 81 8	10.5	-.22	.97	1.3	1013.	99.0	99.	1.1	24	1.8	4.	99.0	99.	0.0
19 5 81 9	11.2	-.35	.91	1.6	17.	99.0	99.	2.3	22.	2.8	14.	99.0	99.	0.0
19 5 81 10	11.9	-.30	.89	2.1	16.	99.0	99.	2.1	20.	3.9	13.	99.0	99.	0.0
19 5 81 11	12.4	-.24	.87	1.8	14.	99.0	99.	2.1	16.	4.6	13.	99.0	99.	0.0
19 5 81 12	12.9	-.39	.85	2.5	14.	99.0	99.	1.7	17.	4.9	13.	99.0	99.	0.0
19 5 81 13	14.3	-.52	.78	2.6	15.	99.0	99.	2.3	17.	5.6	13.	99.0	99.	0.0
19 5 81 14	14.1	-.60	.80	3.6	15.	99.0	99.	3.8	16.	6.3	13.	99.0	99.	0.0
19 5 81 15	13.0	-.48	.84	4.0	14.	99.0	99.	4.0	17.	8.1	13.	99.0	99.	0.0
19 5 81 16	13.1	-.47	.81	3.1	15.	99.0	99.	2.8	16.	7.0	13.	99.0	99.	0.0
19 5 81 17	13.4	-.42	.75	3.0	13.	99.0	99.	3.1	16.	4.9	14.	99.0	99.	0.0
19 5 81 18	12.2	-.24	.78	3.6	14.	99.0	99.	3.1	12.	6.0	13.	99.0	99.	0.0
19 5 81 19	11.1	-.12	.84	2.9	15.	99.0	99.	2.6	14.	5.6	13.	99.0	99.	0.0
19 5 81 20	10.7	-.02	.87	2.3	14.	99.0	99.	2.4	15.	4.6	14.	99.0	99.	0.0
19 5 81 21	10.2	.08	.91	2.1	13.	99.0	99.	2.4	14.	1.4	14.	99.0	99.	0.0
19 5 81 22	9.8	.19	.93	2.2	13.	99.0	99.	1.9	14.	1.8	13.	99.0	99.	0.0
19 5 81 23	9.7	.16	.96	2.0	12.	99.0	99.	1.5	14.	1.4	7.	99.0	99.	0.0
19 5 81 24	9.7	.21	.96	1.6	13.	99.0	99.	1.6	14.	1.4	4.	99.0	99.	0.0
20 5 81 1	9.6	.26	.97	.8	15.	99.0	99.	1.1	14.	1.8	33.	99.0	99.	0.0
20 5 81 2	9.2	.25	.99	.3	1016.	99.0	99.	.4	6.	1.4	0.	99.0	99.	.2
20 5 81 3	9.3	.10	.93	1.4	25.	99.0	99.	.6	18.	1.4	33.	99.0	99.	0.0
20 5 81 4	9.1	.18	.96	.8	22.	99.0	99.	.6	12.	1.4	14.	99.0	99.	.1
20 5 81 5	9.2	.22	.96	.6	29.	99.0	99.	.8	2.	1.4	1.	99.0	99.	0.0
20 5 81 6	9.1	-.01	.98	.3	1003.	99.0	99.	.7	16.	1.1	13.	99.0	99.	.6
20 5 81 7	9.4	-.08	.99	.7	4.	99.0	99.	.6	12.	1.4	12.	99.0	99.	.3
20 5 81 8	10.9	-.23	.95	1.3	35.	99.0	99.	1.4	3.	1.4	35.	99.0	99.	0.0
20 5 81 9	11.5	-.26	.93	.5	32.	99.0	99.	.6	2.	1.4	1.	99.0	99.	0.0
20 5 81 10	13.4	-.29	.85	.5	5.	99.0	99.	.5	2.	1.4	11.	99.0	99.	0.0
20 5 81 11	14.5	-.48	.81	.8	1000.	99.0	99.	1.3	3.	2.1	2.	99.0	99.	0.0
20 5 81 12	15.1	-.40	.74	1.8	12.	99.0	99.	1.6	16.	2.1	2.	99.0	99.	0.0
20 5 81 13	14.8	-.45	.72	2.6	13.	99.0	99.	2.5	16.	5.3	8.	99.0	99.	0.0
20 5 81 14	14.7	-.40	.70	2.9	13.	99.0	99.	2.6	16.	5.3	13.	99.0	99.	0.0
20 5 81 15	14.9	-.40	.62	3.0	14.	99.0	99.	2.6	16.	5.6	13.	99.0	99.	0.0
20 5 81 16	15.6	-.53	.49	2.5	14.	99.0	99.	1.9	17.	4.2	13.	99.0	99.	0.0
20 5 81 17	15.9	-.40	.42	2.0	13.	99.0	99.	1.6	16.	3.9	13.	99.0	99.	0.0
20 5 81 18	15.2	-.35	.47	2.4	14.	99.0	99.	2.5	17.	4.6	14.	99.0	99.	0.0
20 5 81 19	14.1	-.25	.59	1.8	16.	99.0	99.	2.2	16.	4.2	14.	99.0	99.	0.0
20 5 81 20	12.2	-.05	.75	1.0	18.	99.0	99.	1.5	16.	3.2	14.	99.0	99.	0.0
20 5 81 21	10.8	.27	.85	.8	16.	99.0	99.	1.3	14.	1.8	13.	99.0	99.	0.0
20 5 81 22	9.3	.36	.91	.5	11.	99.0	99.	1.1	2.	1.4	0.	99.0	99.	0.0
20 5 81 23	9.2	.66	.93	1.0	34.	99.0	99.	1.1	2.	1.8	36.	99.0	99.	0.0
20 5 81 24	8.9	.74	.93	2.3	35.	99.0	99.	1.1	2.	1.8	33.	99.0	99.	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA		
24	5 81	1	8 4	.69	.99	1.4	1003	.99 0	.99	1.7	2	1.8	0	.99 0	.99	.1
24	5 81	2	8 8	.49	.99	2.0	35	.99 0	.99	1.1	2	2.5	32	.99 0	.99	0.0
24	5 81	3	8 8	.21	.99	2.0	33	.99 0	.99	1.5	3	2.5	32	.99 0	.99	0.0
24	5 81	4	8 9	.13	.99	2.1	33	.99 0	.99	1.3	2	2.5	32	.99 0	.99	.1
24	5 81	5	9 2	-.04	.99	1.8	32	.99 0	.99	1.6	3	2.5	33	.99 0	.99	0.0
24	5 81	6	9 9	-.14	.99	1.2	32	.99 0	.99	1.9	3	2.1	33	.99 0	.99	0.0
24	5 81	7	11 0	-.27	.97	1.3	35	.99 0	.99	1.9	2	2.1	34	.99 0	.99	0.0
24	5 81	8	12 1	-.43	.92	2.0	32	.99 0	.99	2.1	3	2.8	33	.99 0	.99	0.0
24	5 81	9	13 9	-.45	.85	1.7	35	.99 0	.99	2.7	4	2.1	4	.99 0	.99	0.0
24	5 81	10	13 3	-.15	.89	1.2	6	.99 0	.99	1.5	4	2.1	10	.99 0	.99	0.0
24	5 81	11	12 9	-.13	.94	1.5	12	.99 0	.99	1.2	2	1.8	7	.99 0	.99	0.0
24	5 81	12	12 7	-.13	.96	1.5	16	.99 0	.99	1.5	16	3.2	13	.99 0	.99	0.0
24	5 81	13	12 9	-.16	.97	1.4	13	.99 0	.99	1.1	14	2.8	12	.99 0	.99	0.0
24	5 81	14	13 1	-.23	.97	1.6	14	.99 0	.99	1.4	15	3.5	13	.99 0	.99	0.0
24	5 81	15	13 7	-.28	.93	2.5	14	.99 0	.99	1.9	16	3.9	13	.99 0	.99	0.0
24	5 81	16	14 2	-.29	.87	2.2	14	.99 0	.99	1.9	17	3.9	13	.99 0	.99	0.0
24	5 81	17	14 4	-.37	.84	1.6	16	.99 0	.99	1.6	20	3.2	99	.99 0	.99	0.0
24	5 81	18	14 0	-.24	.87	.8	14	.99 0	.99	1.1	16	2.5	99	.99 0	.99	0.0
24	5 81	19	13 6	-.08	.90	.7	7	.99 0	.99	.9	12	1.8	99	.99 0	.99	0.0
24	5 81	20	13 3	.19	.92	1.5	6	.99 0	.99	1.1	2	1.8	99	.99 0	.99	0.0
24	5 81	21	12 7	.28	.89	1.4	6	.99 0	.99	1.1	8	1.4	99	.99 0	.99	0.0
24	5 81	22	12 6	.29	.88	2.4	6	.99 0	.99	2.9	4	1.8	99	.99 0	.99	0.0
24	5 81	23	12 3	.03	.93	2.7	10	.99 0	.99	3.4	6	3.2	99	.99 0	.99	1.8
24	5 81	24	11 9	.05	.98	3.0	7	.99 0	.99	5.4	6	2.5	99	.99 0	.99	.3
25	5 81	1	11 9	.06	.97	3.3	7	.99 0	.99	4.1	4	4.6	99	.99 0	.99	.2
25	5 81	2	11 9	.05	.97	3.1	6	.99 0	.99	3.8	2	4.2	99	.99 0	.99	1.2
25	5 81	3	11 6	.03	.97	4.7	10	.99 0	.99	4.9	6	5.3	99	.99 0	.99	3.2
25	5 81	4	11 3	.03	.99	2.9	10	.99 0	.99	3.3	8	3.2	99	.99 0	.99	2.2
25	5 81	5	11 2	.04	.99	2.0	10	.99 0	.99	1.8	6	1.8	99	.99 0	.99	.9
25	5 81	6	11 4	.05	.98	2.1	9	.99 0	.99	2.1	6	1.4	99	.99 0	.99	.1
25	5 81	7	11 5	.01	.99	2.4	9	.99 0	.99	3.1	6	1.8	99	.99 0	.99	2.0
25	5 81	8	11 0	-.07	.98	2.7	1019	.99 0	.99	2.9	12	2.8	99	.99 0	.99	3.0
25	5 81	9	10 1	-.11	.96	1.6	17	.99 0	.99	2.1	16	3.2	99	.99 0	.99	1.5
25	5 81	10	10 5	-.13	.97	1.7	14	.99 0	.99	1.6	14	2.8	99	.99 0	.99	1.0
25	5 81	11	11 0	-.23	.93	2.9	20	.99 0	.99	2.6	16	3.9	99	.99 0	.99	0.0
25	5 81	12	11 1	-.26	.88	2.8	21	.99 0	.99	2.8	17	3.9	99	.99 0	.99	0.0
25	5 81	13	11 9	-.33	.80	2.7	21	.99 0	.99	2.6	17	3.5	99	.99 0	.99	0.0
25	5 81	14	12 6	-.34	.70	3.3	21	.99 0	.99	2.9	20	3.5	99	.99 0	.99	0.0
25	5 81	15	12 8	-.37	.75	3.3	21	.99 0	.99	3.1	17	3.5	99	.99 0	.99	0.0
25	5 81	16	13 2	-.36	.71	4.1	21	.99 0	.99	2.9	18	4.2	99	.99 0	.99	0.0
25	5 81	17	13 6	-.40	.68	3.7	20	.99 0	.99	3.0	17	4.6	99	.99 0	.99	0.0
25	5 81	18	12 9	-.24	.69	3.6	21	.99 0	.99	2.2	19	4.9	99	.99 0	.99	0.0
25	5 81	19	12 0	-.11	.72	3.8	21	.99 0	.99	1.4	20	3.9	99	.99 0	.99	0.0
25	5 81	20	10 8	.08	.79	3.3	20	.99 0	.99	1.2	14	3.9	99	.99 0	.99	0.0
25	5 81	21	9 5	.14	.89	3.2	20	.99 0	.99	2.0	12	2.8	99	.99 0	.99	0.0
25	5 81	22	8 8	.14	.93	3.1	20	.99 0	.99	2.1	14	2.5	99	.99 0	.99	0.0
25	5 81	23	8 3	.20	.97	2.4	20	.99 0	.99	1.9	16	2.5	99	.99 0	.99	0.0
25	5 81	24	7 8	.24	.97	1.9	20	.99 0	.99	1.5	16	2.1	99	.99 0	.99	0.0
26	5 81	1	6 8	.33	.99	1.0	1012	.99 0	.99	1.6	14	1.8	99	.99 0	.99	0.0
26	5 81	2	6 4	.33	.99	.7	15	.99 0	.99	1.1	3	1.8	99	.99 0	.99	0.0
26	5 81	3	5 8	.59	.99	1.0	1011	.99 0	.99	2.5	2	2.1	99	.99 0	.99	0.0
26	5 81	4	5 3	.98	.99	1.4	35	.99 0	.99	1.3	2	1.3	99	.99 0	.99	0.0
26	5 81	5	6 4	.02	.98	2.6	35	.99 0	.99	2.4	2	2.8	99	.99 0	.99	0.0
26	5 81	6	7 5	-.33	.93	2.7	33	.99 0	.99	3.3	2	3.5	99	.99 0	.99	0.0
26	5 81	7	7 6	-.34	.93	2.2	33	.99 0	.99	2.2	2	3.2	99	.99 0	.99	0.0
26	5 81	8	6 7	-.12	.97	1.7	34	.99 0	.99	2.6	2	2.3	99	.99 0	.99	0.0
26	5 81	9	7 5	.04	.97	1.7	34	.99 0	.99	2.1	2	2.1	99	.99 0	.99	.7
26	5 81	10	9 6	0.00	.95	.7	4	.99 0	.99	1.9	2	1.8	99	.99 0	.99	0.0
26	5 81	11	11 4	-.22	.93	1.5	19	.99 0	.99	1.2	26	2.5	99	.99 0	.99	0.0
26	5 81	12	13 3	-.51	.84	1.7	1016	.99 0	.99	1.1	20	2.3	99	.99 0	.99	0.0
26	5 81	13	13 7	-.39	.79	3.1	15	.99 0	.99	2.1	2	1.8	99	.99 0	.99	.1
26	5 81	14	15 6	-.73	.70	2.6	17	.99 0	.99	2.2	2	2.5	99	.99 0	.99	0.0
26	5 81	15	15 5	-.72	.67	3.6	16	.99 0	.99	3.3	17	6.3	99	.99 0	.99	0.0
26	5 81	16	15 1	-.67	.73	2.8	14	.99 0	.99	2.7	16	7.4	99	.99 0	.99	0.0
26	5 81	17	14 2	-.47	.76	3.3	13	.99 0	.99	2.6	16	6.7	99	.99 0	.99	0.0
26	5 81	18	13 4	-.40	.80	3.4	14	.99 0	.99	2.8	14	6.7	99	.99 0	.99	0.0
26	5 81	19	12 9	-.36	.83	2.1	14	.99 0	.99	2.3	16	4.9	99	.99 0	.99	0.0
26	5 81	20	11 4	-.05	.90	1.3	15	.99 0	.99	1.3	17	3.5	99	.99 0	.99	0.0
26	5 81	21	10 1	.36	.98	1.8	14	.99 0	.99	1.4	14	1.4	99	.99 0	.99	0.0
26	5 81	22	9 7	.41	.99	1.9	14	.99 0	.99	1.4	16	1.8	99	.99 0	.99	0.0
26	5 81	23	8 6	.43	.99	.7	2	.99 0	.99	2.0	2	1.8	99	.99 0	.99	0.0
26	5 81	24	7 8	1.04	.99	1.2	4	.99 0	.99	2.4	2	1.8	99	.99 0	.99	0.0

	T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
27 5 81 1	6.6	1.41	.98	1.6	35	99.0	99.	2.8	2	1.8	99	99.0	99.	0.0
27 5 81 2	6.1	.97	.95	2.7	35	99.0	99.	2.1	2	2.1	99.	99.0	99.	0.0
27 5 81 3	5.9	.62	.92	2.6	34	99.0	99.	2.6	2	1.8	99.	99.0	99.	0.0
27 5 81 4	6.0	.59	.94	2.8	35	99.0	99.	2.2	1	2.5	99.	99.0	99.	0.0
27 5 81 5	6.3	.12	.94	2.8	33	99.0	99.	2.3	2	3.2	99.	99.0	99.	0.0
27 5 81 6	8.7	-.32	.86	2.0	34	99.0	99.	2.6	2	2.5	99.	99.0	99.	0.0
27 5 81 7	10.7	-.13	.80	1.5	33	99.0	99.	1.9	2	2.1	99.	99.0	99.	0.0
27 5 81 8	13.2	-.50	.76	1.1	31	99.0	99.	1.3	2	1.8	99.	99.0	99.	0.0
27 5 81 9	15.3	-.01	.66	1.2	27	99.0	99.	1.2	2	1.4	99.	99.0	99.	0.0
27 5 81 10	16.9	-.43	.51	2.6	10.	99.0	99.	2.2	8	1.8	99.	99.0	99.	0.0
27 5 81 11	17.5	-.42	.46	3.4	9.	99.0	99.	4.4	4	3.5	99.	99.0	99.	0.0
27 5 81 12	18.2	-.38	.45	3.5	9.	99.0	99.	3.6	6	3.9	99.	99.0	99.	0.0
27 5 81 13	18.5	-.33	.46	3.6	10.	99.0	99.	3.3	8	3.2	99.	99.0	99.	0.0
27 5 81 14	18.3	-.25	.48	3.5	9.	99.0	99.	4.3	6	3.5	99.	99.0	99.	0.0
27 5 81 15	18.3	-.21	.48	3.6	7.	99.0	99.	4.4	5	4.2	7.	99.0	99.	0.0
27 5 81 16	17.9	-.10	.50	2.9	6.	99.0	99.	4.8	4	4.2	6.	99.0	99.	0.0
27 5 81 17	15.8	.03	.63	3.3	5.	99.0	99.	3.8	2	4.6	6.	99.0	99.	0.0
27 5 81 18	12.2	.54	.94	1.9	13.	99.0	99.	2.8	12.	3.2	14.	99.0	99.	3.6
27 5 81 19	11.8	.10	.98	2.0	3.	99.0	99.	2.6	2	2.1	38.	99.0	99.	2.2
27 5 81 20	11.4	.03	.98	2.5	1.	99.0	99.	3.4	2	4.2	1.	99.0	99.	1.8
27 5 81 21	11.0	.03	.97	3.2	3.	99.0	99.	4.3	2	3.9	0.	99.0	99.	1.5
27 5 81 22	10.8	.06	.92	5.1	6.	99.0	99.	6.4	4	5.6	5.	99.0	99.	1.5
27 5 81 23	10.2	.10	.93	5.2	5.	99.0	99.	7.4	3	6.7	4	99.0	99.	5.0
27 5 81 24	9.5	.09	.90	6.2	4.	99.0	99.	9.6	3	9.5	4	99.0	99.	6.6
28 5 81 1	8.9	.05	.92	7.3	2.	99.0	99.	10.4	1.	10.2	2.	99.0	99.	4.0
28 5 81 2	8.6	.04	.93	6.9	3.	99.0	99.	10.2	1.	7.7	0.	99.0	99.	1.8
28 5 81 3	8.4	.03	.95	5.8	2.	99.0	99.	9.2	1.	7.0	0	99.0	99.	1.4
28 5 81 4	8.4	.01	.96	4.9	2.	99.0	99.	6.9	1.	6.0	0.	99.0	99.	.1
28 5 81 5	8.3	.04	.96	4.3	36.	99.0	99.	4.2	1.	5.3	35.	99.0	99.	1.4
28 5 81 6	8.3	.05	.96	4.2	35.	99.0	99.	4.1	1.	4.6	32.	99.0	99.	5.0
28 5 81 7	8.5	.06	.94	4.2	35.	99.0	99.	3.0	2.	4.6	32.	99.0	99.	.6
28 5 81 8	8.3	.05	.96	3.7	32.	99.0	99.	2.4	32.	3.9	31.	99.0	99.	.1
28 5 81 9	8.4	-.02	.97	3.2	31.	99.0	99.	2.9	26.	4.2	29.	99.0	99.	.3
28 5 81 10	8.8	-.10	.98	2.9	30	99.0	99.	3.2	26.	3.5	29.	99.0	99.	1.8
28 5 81 11	9.2	-.09	.95	3.6	30.	99.0	99.	3.5	26	2.8	28.	99.0	99.	1.2
28 5 81 12	10.0	-.18	.94	2.7	26.	99.0	99.	3.2	26.	3.2	25.	99.0	99.	1.2
28 5 81 13	11.3	-.40	.87	2.9	24.	99.0	99.	3.5	24.	3.5	22.	99.0	99.	.2
28 5 81 14	13.3	-.62	.79	2.4	22.	99.0	99.	3.4	22.	3.5	23.	99.0	99.	0.0
28 5 81 15	13.9	-.31	.71	2.7	26.	99.0	99.	3.7	24.	3.2	26.	99.0	99.	0.0
28 5 81 16	13.7	-.16	.69	2.6	27.	99.0	99.	3.7	26	2.8	26.	99.0	99.	0.0
28 5 81 17	13.9	-.14	.71	2.8	24	99.0	99.	2.4	22	3.2	22.	99.0	99.	0.0
28 5 81 18	13.9	-.11	.72	3.5	23.	99.0	99.	3.1	22.	3.2	22.	99.0	99.	0.0
28 5 81 19	13.2	-.03	.71	3.7	23.	99.0	99.	3.3	21.	3.9	22.	99.0	99.	0.0
28 5 81 20	12.5	.05	.72	3.6	22.	99.0	99.	3.6	21	4.2	21.	99.0	99.	0.0
28 5 81 21	11.1	.06	.82	3.0	21.	99.0	99.	2.9	21.	4.2	21.	99.0	99.	0.0
28 5 81 22	10.5	.04	.79	1.6	22.	99.0	99.	2.1	18	3.5	22.	99.0	99.	0.0
28 5 81 23	10.0	.04	.79	1.3	21.	99.0	99.	2.7	20.	1.8	20.	99.0	99.	0.0
28 5 81 24	9.0	.13	.83	1.8	24.	99.0	99.	1.7	22.	2.5	0.	99.0	99.	0.0
29 5 81 1	7.7	.44	.91	2.1	21	99.0	99.	1.9	17.	2.8	18.	99.0	99.	0.0
29 5 81 2	6.9	.29	.94	1.9	20.	99.0	99.	2.1	16.	1.8	15.	99.0	99.	0.0
29 5 81 3	5.8	.33	.97	.7	1022.	99.0	99.	1.4	18.	1.8	35.	99.0	99.	0.0
29 5 81 4	5.9	.21	.95	.9	18.	99.0	99.	1.5	17.	1.4	0.	99.0	99.	0.0
29 5 81 5	7.2	-.35	.86	1.6	23.	99.0	99.	1.3	16.	2.1	35.	99.0	99.	0.0
29 5 81 6	10.2	-.62	.72	1.1	22.	99.0	99.	1.1	16.	1.8	9.	99.0	99.	0.0
29 5 81 7	12.4	-.40	.63	.8	23.	99.0	99.	1.1	14.	2.1	9.	99.0	99.	0.0
29 5 81 8	14.5	-.83	.55	1.0	24.	99.0	99.	1.1	20.	2.1	10.	99.0	99.	0.0
29 5 81 9	15.1	-.80	.50	1.9	21.	99.0	99.	1.7	16.	2.1	9.	99.0	99.	0.0
29 5 81 10	15.6	-.53	.47	2.0	28.	99.0	99.	2.1	20.	3.2	23.	99.0	99.	0.0
29 5 81 11	16.8	-.53	.43	1.8	24.	99.0	99.	2.2	20.	3.2	23.	99.0	99.	0.0
29 5 81 12	17.2	-.74	.57	2.4	18.	99.0	99.	2.4	16	2.8	21.	99.0	99.	0.0
29 5 81 13	16.7	-.64	.60	3.6	18.	99.0	99.	3.6	16.	5.3	15.	99.0	99.	0.0
29 5 81 14	17.6	-.77	.56	4.0	21.	99.0	99.	4.8	16.	6.3	17.	99.0	99.	0.0
29 5 81 15	17.6	-.74	.57	4.2	19.	99.0	99.	4.5	16	6.3	17.	99.0	99.	0.0
29 5 81 16	18.2	-.81	.55	3.3	19.	99.0	99.	3.9	16	6.3	17.	99.0	99.	0.0
29 5 81 17	18.0	-.53	.53	3.2	20.	99.0	99.	2.6	16.	5.3	18.	99.0	99.	0.0
29 5 81 18	17.4	-.42	.54	2.4	19.	99.0	99.	2.2	14.	4.6	18.	99.0	99.	0.0
29 5 81 19	15.0	-.05	.65	2.3	12.	99.0	99.	2.3	13.	2.8	19.	99.0	99.	0.0
29 5 81 20	14.1	.26	.72	1.8	15.	99.0	99.	1.7	16.	1.8	9.	99.0	99.	0.0
29 5 81 21	12.5	.57	.83	1.3	1001.	99.0	99.	3.1	36.	3.5	32.	99.0	99.	0.0
29 5 81 22	12.3	.30	.63	3.7	35.	99.0	99.	3.7	33.	4.2	31.	99.0	99.	0.0
29 5 81 23	11.4	.31	.57	3.6	34.	99.0	99.	2.5	32.	2.8	31.	99.0	99.	0.0
29 5 81 24	10.0	.44	.62	3.5	33.	99.0	99.	1.6	32.	2.8	30.	99.0	99.	0.0

			T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
30	5	81	1	9.1	.56	.65	3.6	32.	99.0	99.	1.4	32.	2.8	31.	99.0	99.	0.0
30	5	81	2	8.0	.84	.71	3.4	32.	99.0	99.	1.1	4.	2.5	32.	99.0	99.	0.0
30	5	81	3	7.2	1.05	.75	3.4	31.	99.0	99.	.9	2.	2.8	31.	99.0	99.	0.0
30	5	81	4	7.1	.75	.77	3.8	32.	99.0	99.	1.4	2.	3.2	32.	99.0	99.	0.0
30	5	81	5	8.2	.08	.76	2.6	32.	99.0	99.	1.9	2.	2.8	33.	99.0	99.	0.0
30	5	81	6	10.5	-.44	.70	2.6	32.	99.0	99.	2.1	3.	2.5	33.	99.0	99.	0.0
30	5	81	7	12.5	-.61	.65	1.6	32.	99.0	99.	2.3	4.	1.8	3.	99.0	99.	0.0
30	5	81	8	14.3	-.69	.59	1.5	32.	99.0	99.	1.0	6.	1.8	6.	99.0	99.	0.0
30	5	81	9	16.9	-.64	.42	.9	1018.	99.0	99.	1.4	10.	2.1	9.	99.0	99.	0.0
30	5	81	10	15.5	-.51	.47	2.6	14.	99.0	99.	2.1	16.	3.5	9.	99.0	99.	0.0
30	5	81	11	15.3	-.52	.52	3.3	14.	99.0	99.	3.5	17.	6.7	13.	99.0	99.	0.0
30	5	81	12	14.4	-.40	.60	4.3	13.	99.0	99.	3.9	17.	7.7	13.	99.0	99.	0.0
30	5	81	13	14.5	-.43	.61	4.1	13.	99.0	99.	3.6	18.	8.1	13.	99.0	99.	0.0
30	5	81	14	14.5	-.44	.63	4.6	13.	99.0	99.	3.3	16.	8.1	13.	99.0	99.	0.0
30	5	81	15	15.2	-.58	.58	4.2	15.	99.0	99.	3.4	16.	8.1	13.	99.0	99.	0.0
30	5	81	16	15.7	-.56	.57	3.5	15.	99.0	99.	3.6	15.	7.7	13.	99.0	99.	0.0
30	5	81	17	15.5	-.45	.65	2.9	15.	99.0	99.	3.1	16.	5.6	14.	99.0	99.	0.0
30	5	81	18	13.5	-.26	.85	3.8	12.	99.0	99.	3.5	14.	6.3	14.	99.0	99.	0.0
30	5	81	19	12.1	-.20	.92	3.8	13.	99.0	99.	3.1	14.	6.7	13.	99.0	99.	0.0
30	5	81	20	11.0	-.07	.97	4.6	12.	99.0	99.	2.6	14.	4.6	13.	99.0	99.	0.0
30	5	81	21	10.7	.03	.99	4.4	13.	99.0	99.	1.9	14.	3.9	13.	99.0	99.	0.0
30	5	81	22	10.2	.13	1.00	2.4	10.	99.0	99.	2.1	4.	1.8	7.	99.0	99.	0.0
30	5	81	23	9.4	.33	1.00	1.6	2.	99.0	99.	2.3	2.	2.1	33.	99.0	99.	0.0
30	5	81	24	8.6	.34	1.00	1.4	3.	99.0	99.	1.5	2.	2.1	34.	99.0	99.	0.0
31	5	81	1	8.0	.35	1.00	1.6	1.	99.0	99.	1.9	2.	2.5	32.	99.0	99.	0.0
31	5	81	2	7.6	.38	.99	1.6	35.	99.0	99.	2.0	2.	2.5	31.	99.0	99.	0.0
31	5	81	3	7.6	.21	.99	1.9	32.	99.0	99.	2.0	2.	2.5	32.	99.0	99.	0.0
31	5	81	4	8.0	-.02	.99	.9	3.	99.0	99.	1.8	2.	1.8	32.	99.0	99.	0.0
31	5	81	5	8.1	-.03	.99	.5	1008.	99.0	99.	1.3	3.	1.8	4.	99.0	99.	0.0
31	5	81	6	8.3	-.05	.99	.6	1007.	99.0	99.	.9	11.	1.4	0.	99.0	99.	0.0
31	5	81	7	9.2	-.05	.99	1.1	31.	99.0	99.	1.6	26.	1.8	38.	99.0	99.	0.0
31	5	81	8	11.8	-.38	.88	1.5	30.	99.0	99.	2.1	26.	2.1	33.	99.0	99.	0.0
31	5	81	9	14.5	-.30	.76	1.3	1024.	99.0	99.	1.4	22.	2.1	9.	99.0	99.	0.0
31	5	81	10	14.7	-.53	.78	3.3	14.	99.0	99.	2.5	20.	4.6	12.	99.0	99.	0.0
31	5	81	11	14.2	-.48	.81	4.0	14.	99.0	99.	3.8	14.	6.7	13.	99.0	99.	0.0
31	5	81	12	14.1	-.49	.80	4.2	13.	99.0	99.	3.6	16.	7.7	13.	99.0	99.	0.0
31	5	81	13	15.3	-.62	.75	3.5	14.	99.0	99.	3.4	16.	8.4	12.	99.0	99.	0.0
31	5	81	14	14.6	-.50	.77	4.7	14.	99.0	99.	3.8	14.	8.8	12.	99.0	99.	0.0
31	5	81	15	15.2	-.60	.79	4.0	15.	99.0	99.	4.3	15.	8.8	12.	99.0	99.	0.0
31	5	81	16	15.6	-.62	.73	3.5	17.	99.0	99.	3.6	16.	6.0	14.	99.0	99.	0.0
31	5	81	17	15.4	-.52	.73	3.1	15.	99.0	99.	4.0	16.	5.6	14.	99.0	99.	0.0
31	5	81	18	14.0	-.33	.82	3.4	14.	99.0	99.	3.4	16.	6.7	13.	99.0	99.	0.0
31	5	81	19	13.4	-.24	.83	2.4	15.	99.0	99.	2.8	14.	5.6	13.	99.0	99.	0.0
31	5	81	20	12.2	-.00	.87	2.5	15.	99.0	99.	2.1	16.	4.2	13.	99.0	99.	0.0
31	5	81	21	11.1	.21	.97	2.5	13.	99.0	99.	1.9	14.	2.5	13.	99.0	99.	0.0
31	5	81	22	10.7	.34	.98	2.5	15.	99.0	99.	1.4	16.	1.8	14.	99.0	99.	0.0
31	5	81	23	10.2	.42	.99	1.9	15.	99.0	99.	1.1	14.	1.4	14.	99.0	99.	0.0
31	5	81	24	99.0	99.00	99.00	99.0	99.	99.0	99.	1.6	2.	1.4	0.	99.0	99.	0.0



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TITTEL Meteorologiske data fra nedre Telemark våren 1981.		PROSJEKTLEDER B.Sivertsen
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**Kategorier: Åpen - kan bestilles fra NILU A
Må bestilles gjennom oppdragsgiver B
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