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METEOROLOGISKE DATA FRA
NEDRE TELEMARK, SOMMEREN 1981
AV
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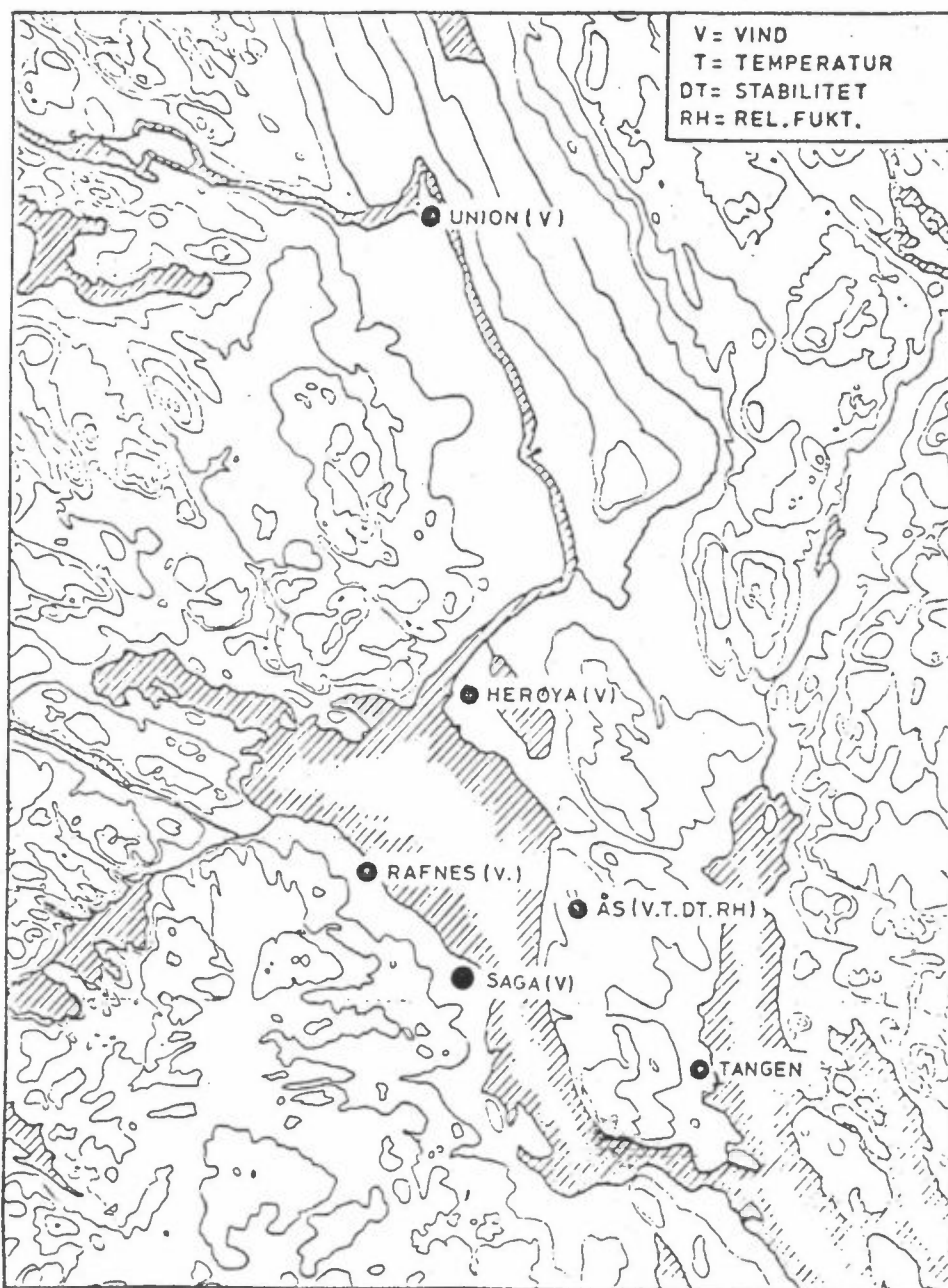
METEOROLOGISKE DATA FRA
NEDRE TELEMARK, SOMMEREN 1981

1 INNLEDNING

Denne presentasjonen av meteorologiske data fra nedre Telemark i perioden 1.6.81-31.8.81 (sommer), er et ledd i det koordinerte måleprogram av meteorologi og spredningsforhold i området. Bearbeidelsen er utført på oppdrag fra Norsk Hydro Rafnes, Porsgrunn Fabrikker Herøya og Statens forurensningstilsyn, kontrollseksjonen nedre Telemark, og er en videreføring av tidligere tilsendte data (se Referanselisten).

2 INSTRUMENTERING, STASJONSPLOSSERING

Målestasjonenes plassering er angitt i figur 1.



Figur 1: Lokalisering av meteorologiske målestasjoner i nedre Telemark.

Følgende instrumentering er anvendt ved de forskjellige stasjonene:

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

- 100% for vindhastighet, temperatur, temperaturdifferens og relativ fuktighet
- 99% for vindretning.

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

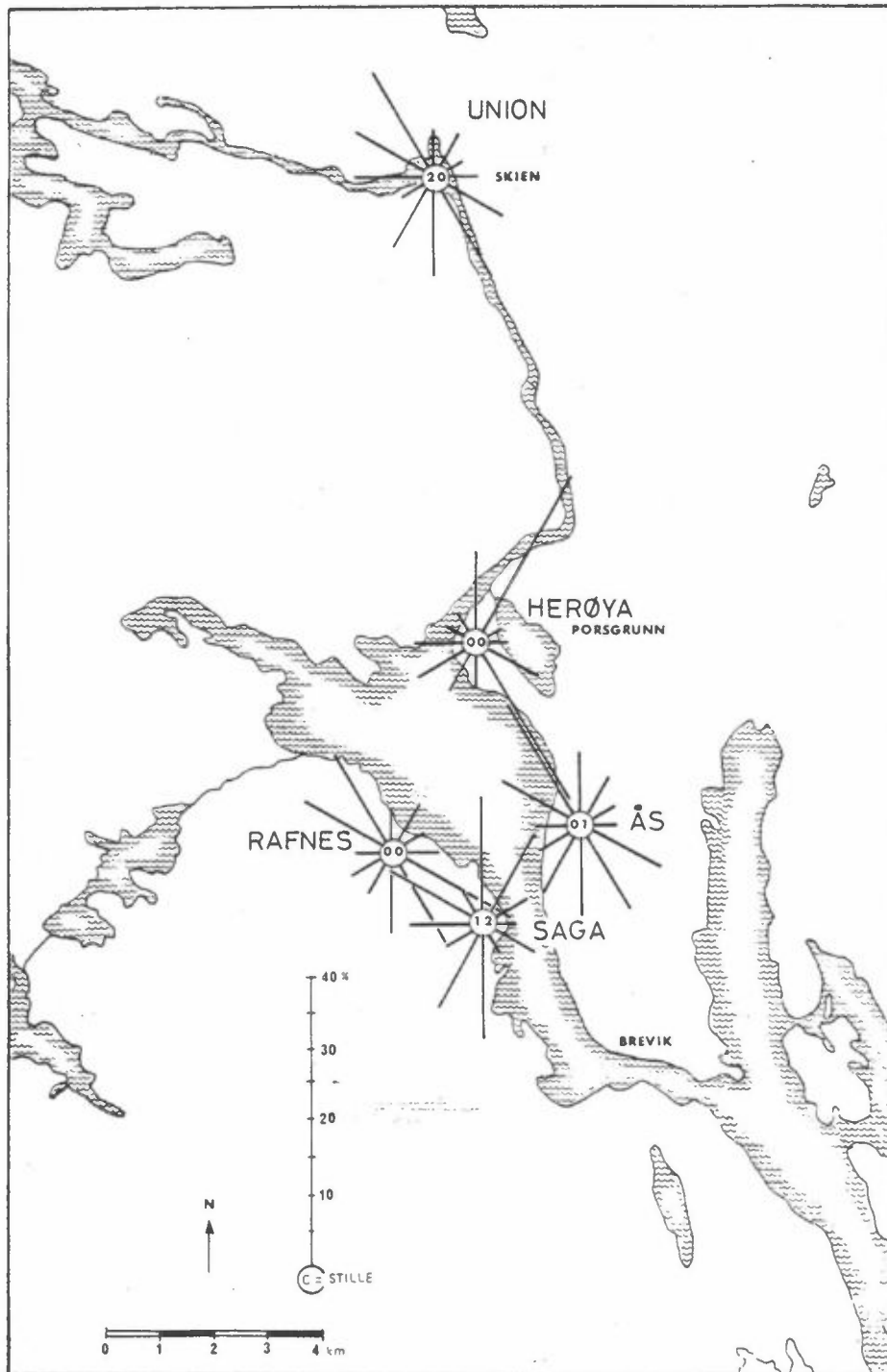
Ved Union Skien stoppet stasjonen 3.8.81, slik at datatilgjengeligheten kun var 47% for vindhastighet og 46% for vindretning.

Ved Rafnes var datatilgjengeligheten 95% for vindhastighet og 87% for vindretning.

Ved Saga sto stasjonen det meste av perioden, slik at datatilgjengeligheten kun er 4%. Vindhastighetsavlesningene er fremdeles meget usikre ved lave vindhastigheter ($< \approx 2$ m/s).

4 VINDFORHOLDENE

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



Figur 2: Vindsroser (frekvens av vind i % i 12 sektorer) fra nedre Telemark for perioden 1.6.81-31.8.81.

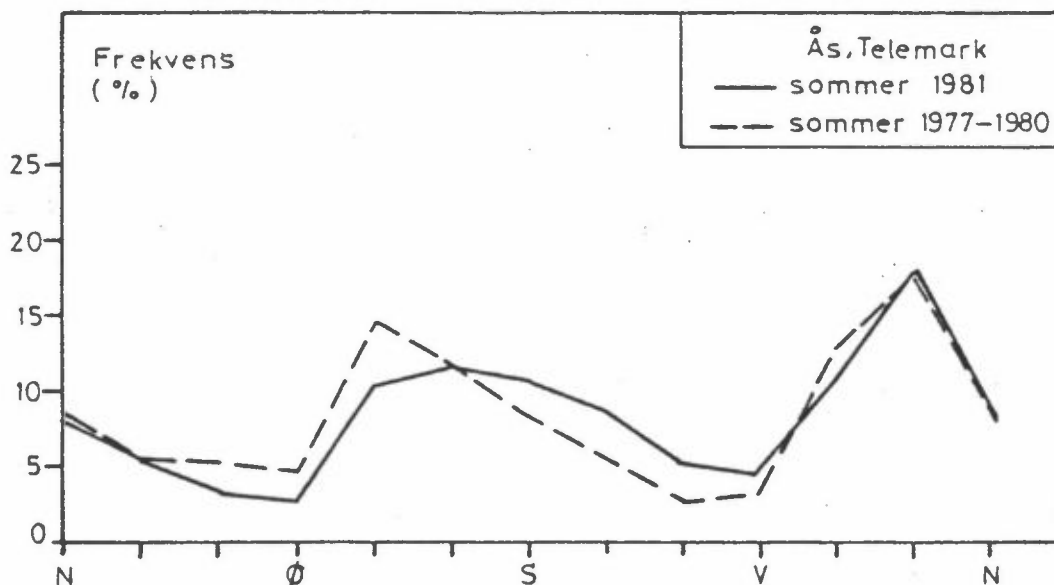
Kvartalsvise vindfrekvensfordelinger (i %) er også presentert i tabellene 1-5. Vindobservasjoner fra Ås er dessuten presentert som månedsvise frekvensfordelinger i tabellene 10-12.

Sommeren 1981 blåste det oftest fra sørøst og nordvest ved Ås. Dette stemmer godt med målinger foretatt sommerperiodene 1977-80. Sørøstlige vinder var forøvrig dominerende i juni og juli, mens vind fra $NNV \pm 45^\circ$ var dominerende (52% av tiden) i august.

Ved alle stasjonene blåste det på dagtid i ca 50% av tiden fra SØ. Ved Rafnes, Union Skien og Ås blåste det oftest fra NV om natta, mens de topografiske forholdene ved Herøya førte til at det her blåste oftest fra N og NNØ.

Som vanlig var middelvindstyrken størst ved Rafnes; 3.7 m/s, mens den ved Ås, Union Skien, Herøya og Saga var henholdsvis 2.6, 2.7, 2.6 og 3.1 m/s. Middelvindstyrkene er i samsvar med målinger i sommerperiodene 1977-80.

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

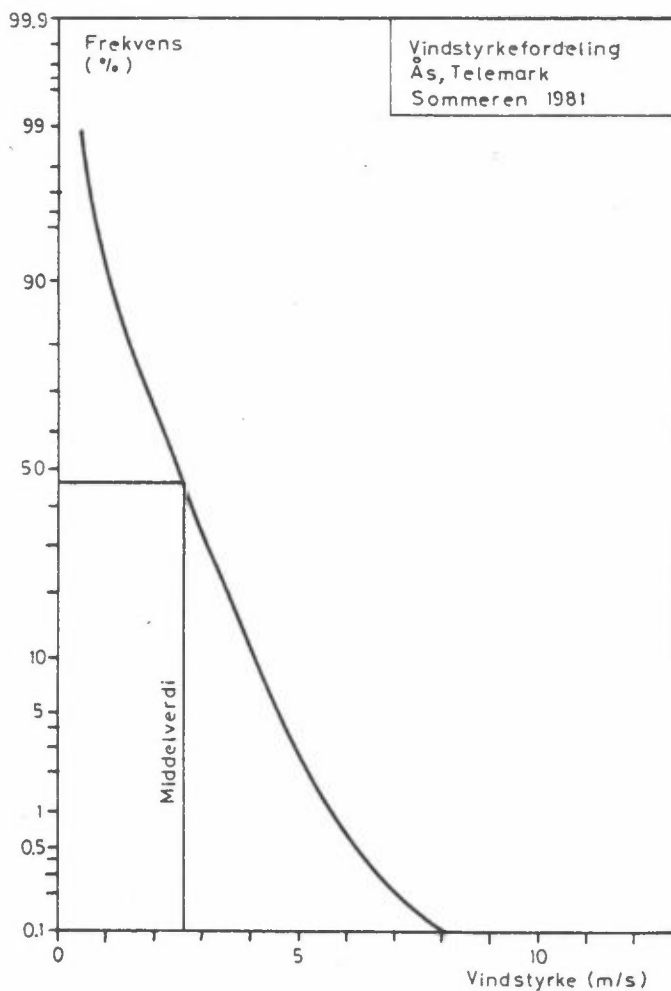


Figur 3: Frekvensfordeling av vindretninger (i 30°-sektorer) ved Ås for sommeren 1981, sammenholdt med middelfordeling for sommersesongene 1977-80 ved Ås.

Figur 3 viser at det sommeren 1981 blåste noe oftere fra sørvestlig kant og sjeldnere fra øst-sørøst enn hva som var tilfelle i sommersesongene 1977-1980. Forøvrig var vindfordelingen nær normal for perioden.

Figur 4 viser vindstyrkefordelingen ved Ås.

Vindstyrker over 6 m/s ved Ås forekom i kun 1.0% av tiden. Svake vinder, mindre enn 2 m/s forekom i 34% av tiden. I gjennomsnitt blåste det svakest fra østlig kant ved Ås. Ved Union Skien ble det registrert 2% vindstille, som er mer enn på de andre stasjonene.



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

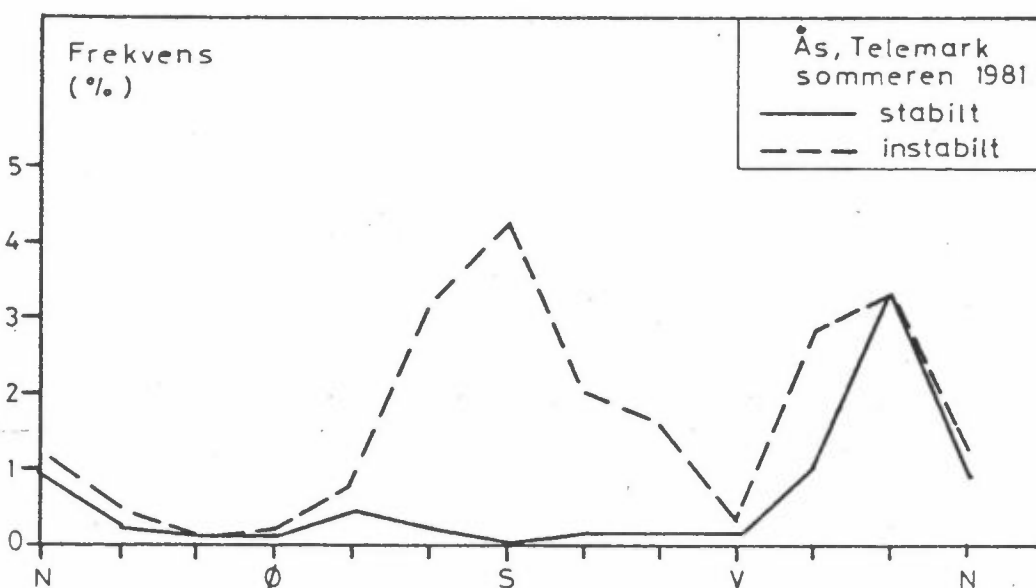
5 STABILITETSFORHOLDENE

Stabilitetsforholdene i fire klasser er fordelt over døgnet i tabell 6, basert på temperaturdifferansen 25-10 m på Ås. Sommeren 1981 var det 7% stabil, 32% lett stabil, 42% nøytral og 19% instabil temperatursjikting. Denne fordelingen stemmer godt med det som er målt i tidligere sommersesonger.

6 FREKVENNS AV VIND/STABILITET

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

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



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

Figur 5 viser at stabile tilfeller sommeren 1981 oftest forekom ved vind fra nord-nordvest på Ås. Dette representerer vanligvis de stabile nattsituasjonene. Instabil sjikting ble oftest registrert på dagtid ved vind fra omkring sør-sørøst. Tabell 7 viser at lett stabil sjikting oftest forekom ved vindhastigheter på 2-4 m/s fra nord-nordvestlig kant.

7 TEMPERATUR VED ÅS

Tabell 8 viser månedsvise temperatur-statistikk for Ås i perioden 1.6.81-31.8.81. Middelsestemperaturen for juni var 12.6°C, juli 15.6°C og for august 15.9°C. Middelsestemperaturen i juni var noe lavere enn de siste årenes middelsestemperaturer ved Ås. For juli og august var temperaturen nær normalen. Den høyeste temperaturen ble målt den 12.8.81, kl 11 til 25.3°C, den laveste temperaturen ble målt den 12.6.81, kl 07 til 3.8°C.

8 RELATIV FUKTIGHET VED ÅS

Tabell 9 viser en statistisk fordeling av den relative fuktigheten ved Ås for sommeren 1981. Månedsmiddelveidene viser relativ fuktighet på 77% i juni, 79% i juli og 73% i august. Av observasjonene for sommeren 1981 lå ca 21% over 95% relativ fuktighet. I august lå den relative fuktigheten noe lavere enn målinger for tilsvarende måneder tidligere år. Den relative fuktigheten i juni og juli synes å stemme godt med målinger i sommerperiodene 1978-80. I juli varierer den relative fuktigheten i gjennomsnitt fra 66% midt på dagen til 91% om natta.

9 NEDBØR

Det måles nedbør ved en av NILUS målestasjoner i nedre Telemark, **Tangen ved Brevik**. Kontinuerlig nedbørmålinger er igangsatt her og er presentert i tabell 15. Tabell 16 viser månedsvise nedbørmengder fra Tangen og fra Meteorologisk institutts klimastasjon ved Jomfruland (hvor det også er etablert en 30-års normal som en kan sammenlikne med).

Tabell 16: Månedsvise nedbørmengder.

	Tangen Brevik (mm)	Jomfruland	
		(mm)	% av normal
Juni 1981	87.2	87	155
Juli 1981	78.2	94	129
August 1981	9.7	7	7

Juni og juli måned 1981 hadde noe mer nedbør enn normalt, mens august måned var meget tørr.

Ved Tangen falt det i juni 87.2 mm nedbør i 84 timer (over 19 døgn) og i juli 78.2 mm i 61 timer (over 13 døgn). I august falt det kun 9.7 mm nedbør i løpet av 17 timer (fordelt på 8 døgn).

10 TABELLER

- Tabell 1: Vindfrekvenser (vindrose) fra Ås 1.6.81-31.8.81.
- Tabell 2: Vindfrekvenser fra Union Skien 1.6.81-31.8.81.
- Tabell 3: Vindfrekvenser fra Herøya 1.6.81-31.8.81.
- Tabell 4: Vindfrekvenser fra Saga 1.6.81-31.8.81.
- Tabell 5: Vindfrekvenser fra Rafnes 1.6.81-31.8.81.
- Tabell 6: Fire klasser av stabiliteter fordelt over døgnet basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås 1.6.81-31.8.81.
- 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 1.6.81-31.8.81.
- Tabell 8: Månedsvis temperaturstatistikk fra Ås for juni, juli og august 1981: middel-, maksimum- og minimums-temperaturer, antall observasjoner og temperatur under gitte grenser, samt midlere døgnfordeling av temperatur.
- Tabell 9: Månedsvis relativ fuktighets-statistikk fra Ås for juni, juli og august 1981. Middell-, maksimum og minimumsverdier, antall observasjoner av relativ fuktighet under gitte grenser, samt midlere døgnfordeling.
- Tabell 10: Vindfrekvenser fra Ås for juni 1981.
- Tabell 11: Vindfrekvenser fra Ås for juli 1981.
- Tabell 12: Vindfrekvenser fra Ås for august 1981.
- Tabell 13: Månedsvis stabilitetsfrekvens (i fire klasser) fordelt over døgnet, basert på målinger av temperaturforskjellen mellom 25 m og 10 m i masta på Ås: a) juni 1981, b) juli 1981, c) august 1981.
- Tabell 14: Frekvens (i %) av vind og stabilitet fra Ås (klassifisering som tabell 6) i
a) juni 1981, b) juli 1981, c) august 1981.
- Tabell 15: Nedbørmålinger fra Tangen, Brevik i
a) juni 1981, b) juli 1981, c) august 1981.

Tabell 1

VINDROSF FRA AS													
1/ 6-81 - 31/ 8-81 FRA TAPF 1.													
VINDROSF KL.													
SEKTOR	1	4	7	10	13	16	19	22	DØGN				
20- 40	3.3	8.9	6.7	9.8	5.6	2.2	4.4	2.2	5.5				
50- 70	4.4	2.2	4.4	4.3	3.3	3.3	3.3	1.1	3.4				
80-100	3.3	2.2	4.4	1.1	2.2	2.2	3.3	5.6	2.9				
110-130	2.2	3.3	6.7	9.8	15.6	12.0	17.6	11.1	10.3				
140-160	6.7	3.3	4.4	8.7	16.7	20.7	17.6	13.3	11.5				
170-190	5.6	3.3	8.9	4.3	15.6	23.9	14.3	7.8	10.9				
200-220	6.7	7.8	3.3	10.9	10.0	12.0	13.2	10.0	8.8				
230-250	8.9	3.3	4.4	3.3	3.3	3.3	5.5	10.0	5.0				
260-280	4.4	4.4	3.3	5.4	4.4	2.2	8.8	4.4	4.5				
290-310	12.2	15.6	7.6	16.3	11.1	8.7	3.3	7.8	10.8				
320-340	25.6	38.9	35.6	19.6	6.7	3.3	7.7	17.8	17.8				
350- 10	16.7	6.7	10.0	6.5	5.6	6.5	1.1	7.8	8.4				
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1				
ANT. OBS.	90	90	90	92	90	92	91	90	2180				
MIDL. VIND	2.3	2.6	2.2	2.6	3.0	3.2	2.6	2.4	2.6				
VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													1
3- 2.0 M/S	1.8	1.7	1.7	4.2	4.7	3.5	2.1	1.6	2.2	3.4	5.3	2.0	34.2
2.1- 4.0 M/S	3.0	1.6	1.2	5.6	6.5	6.8	4.5	2.1	1.1	5.4	10.4	5.6	53.8
4.1- 6.0 M/S	.6	.2	.0	.6	.3	.5	1.7	1.3	1.1	1.9	1.9	.7	11.0
OVER 6.0 M/S	0.0	0.0	0.0	0.0	0.0	0.0	.5	0.0	.0	0.0	.3	.2	1.0
TOTAL	5.5	3.4	2.9	10.3	11.5	10.9	8.8	5.0	4.5	10.8	17.8	8.4	100.0
MIDL. VIND M/S	2.6	2.0	2.0	2.4	2.3	2.5	3.2	2.9	2.6	2.8	2.7	2.8	2.6
ANT. OBS.	119	74	64	275	250	237	192	109	99	235	389	184	2180
MIDL. VINDSTYRKE FOR HELE DATASETET ER 2.6 M/S, BASERT PÅ 2201 OBSERVASJONER													

Tabell 2

VINDROSE FRA UNION SKIEN										
1/ 6-81 - 31/ 6-81										
SEKTOR	VINDROSE KL.								DØGN	
	1	4	7	10	13	15	19	22		
20- 40	2.4	4.7	4.7	4.8	11.6	2.3	2.3	4.9	4.9	
50- 70	2.4	0.0	0.0	9.5	9.3	2.3	2.3	2.4	2.5	
80-100	0.0	0.0	2.3	4.9	0.0	4.5	4.5	7.3	4.0	
110-130	11.9	11.6	7.0	0.0	2.3	5.3	4.5	17.1	8.9	
140-160	7.1	14.0	9.3	11.9	18.6	29.5	20.5	12.2	14.8	
170-190	9.5	2.3	9.3	11.9	20.9	13.6	25.0	9.8	11.9	
200-220	19.0	9.3	2.3	14.3	11.6	11.4	2.3	7.3	8.9	
230-250	2.4	4.7	2.3	0.0	2.3	2.3	4.5	4.9	3.1	
260-280	4.8	0.0	11.6	14.3	7.0	9.1	9.1	14.6	8.9	
290-310	9.5	7.0	14.0	11.9	7.0	4.5	11.4	12.2	10.5	
320-340	23.8	32.6	23.3	11.9	4.7	11.4	13.6	0.0	15.0	
350- 10	4.8	4.7	9.3	4.8	4.7	2.3	0.0	4.9	4.5	
STILLE	2.4	9.3	4.7	0.0	0.0	0.0	0.0	2.4	2.0	
ANT.OBS.	42	43	43	42	43	44	44	41	1024	
MIDL.VIND	1.6	1.6	1.6	2.7	4.1	4.1	3.8	2.3	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	1.9	.9	2.1	4.5	4.3	3.0	4.0	1.2	4.3	5.2	8.0	1.4	40.6
2.1- 4.0 M/S	2.2	1.7	1.9	4.0	6.9	6.4	3.1	1.5	2.3	2.1	5.2	2.5	39.8
4.1- 6.0 M/S	.8	0.0	.1	.4	3.2	2.1	1.1	.3	1.6	2.5	1.3	.5	13.9
OVER 6.0 M/S	0.0	0.0	0.0	0.0	.4	.3	.7	.2	.7	.4	.6	.1	3.7
TOTAL	4.9	2.5	4.0	8.9	14.8	11.9	8.9	3.1	8.9	10.5	15.0	4.5	100.0

MIDL.VIND M/S	2.7	2.2	2.2	2.0	3.3	3.1	3.0	2.6	2.8	2.9	2.4	2.9	2.7
ANT. OBS.	50	26	41	91	152	122	91	32	91	108	154	46	1024

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.7 M/S, BASERT PÅ 1042 OBSERVASJONER

Tabell 3

VINDROSE FRA HERØYA										
1/ 6-81 - 31/ 8-81										
SEKTOR	VINDROSE KL.								DØGN	
	1	4	7	10	13	15	19	22		
20- 40	33.7	37.0	47.8	19.6	14.1	5.7	6.5	28.3	24.3	
50- 70	3.3	2.2	1.1	2.2	2.2	1.1	5.4	1.1	1.9	
80-100	3.3	1.1	3.3	5.4	2.2	2.2	3.3	1.1	2.4	
110-130	4.3	2.2	4.3	4.3	5.4	9.8	14.1	13.0	7.6	
140-160	14.1	15.2	6.5	18.5	33.7	46.7	32.6	22.4	23.5	
170-190	2.2	0.0	3.3	3.3	9.8	5.4	7.6	3.3	4.0	
200-220	3.3	1.1	1.1	6.5	10.9	5.4	6.5	5.4	5.4	
230-250	7.6	1.1	4.3	8.7	8.7	7.6	9.8	7.6	7.3	
260-280	8.7	8.7	5.4	6.5	4.3	6.5	5.4	6.5	6.6	
290-310	1.1	1.1	4.3	6.5	1.1	1.1	2.2	4.3	3.0	
320-340	4.3	9.8	0.0	7.6	3.3	1.1	2.2	2.2	3.5	
350- 10	14.1	20.7	18.5	10.9	4.3	4.3	4.3	4.3	10.5	
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ANT.OBS.	92	92	92	92	92	92	92	92	2208	
MIDL.VIND	2.1	2.2	2.3	2.8	3.3	3.4	2.8	2.2	2.6	

VINDANALYSE													
JØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													0.0
.3- 2.0 M/S	12.7	1.2	1.0	3.5	8.4	.8	1.9	1.8	1.7	.2	.5	3.4	37.8
2.1- 4.0 M/S	3.6	.6	.4	3.8	13.7	2.3	2.7	3.4	2.8	2.3	2.4	4.5	47.5
4.1- 6.0 M/S	2.6	.2	.0	.4	1.4	.9	.8	2.0	2.0	.5	.5	2.0	13.3
OVER 6.0 M/S	.5	0.0	0.0	0.0	0.0	0.0	.0	.1	.1	.0	.1	.5	1.4
TOTAL	24.3	1.9	2.4	7.6	23.5	4.0	5.4	7.3	6.6	3.0	3.5	10.5	100.0

MIDL.VIND M/S	2.4	2.0	1.5	2.3	2.5	3.0	2.7	3.2	3.2	3.1	3.1	3.3	2.6
ANT. OBS.	537	43	52	168	518	98	120	161	146	66	78	231	2208

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.6 M/S, BASERT PÅ 2208 OBSERVASJONER

Tabell 4

VINDROSE FRA SAGA													
1/ 6-81 - 31/ 8-81													
SEKTOR	VINDROSE KL.												
	1	4	7	10	13	16	19	22	DØGN				
20- 40	33.3	50.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	12.2			
50- 70	0.0	0.0	0.0	50.0	0.0	0.0	20.0	0.0	0.0	4.9			
80-100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4			
110-130	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	6.1			
140-160	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	2.4			
170-190	33.3	0.0	0.0	0.0	50.0	20.0	0.0	0.0	0.0	14.6			
200-220	0.0	0.0	0.0	0.0	25.0	20.0	20.0	0.0	0.0	11.0			
230-250	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	3.7			
260-280	0.0	0.0	0.0	50.0	0.0	20.0	0.0	20.0	0.0	8.5			
290-310	0.0	0.0	0.0	0.0	0.0	20.0	40.0	0.0	0.0	13.4			
320-340	33.3	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	3.7			
350- 10	0.0	50.0	100.0	0.0	0.0	0.0	0.0	20.0	0.0	15.9			
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	1.2			
ANT.OBS.	3	2	1	2	4	5	5	5	5	82			
MIDL.VIND	2.0	2.6	3.6	3.1	3.7	3.9	3.4	2.3	3.1				
VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													1.2
.3- 2.0 M/S	2.4	0.0	1.2	1.2	0.0	1.2	1.2	1.2	0.0	1.2	1.2	1.2	12.2
2.1- 4.0 M/S	9.8	3.7	1.2	2.4	2.4	11.0	7.3	2.4	4.9	9.8	2.4	14.5	72.0
+1- 6.0 M/S	0.0	1.2	0.0	1.2	0.0	2.4	2.4	0.0	3.7	2.4	0.0	1.0	13.4
OVER 6.0 M/S	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
TOTAL	12.2	4.9	2.4	6.1	2.4	14.6	11.0	3.7	8.5	13.4	3.7	15.9	100.0
MIDL.VIND M/S	2.3	3.9	2.8	3.9	2.6	3.3	3.5	2.5	4.1	3.2	2.3	2.6	3.1
ANT. OBS.	10	4	2	5	2	12	9	3	7	11	3	13	82
MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 3.1 M/S, BASERT PÅ 84 OBSERVASJONER													

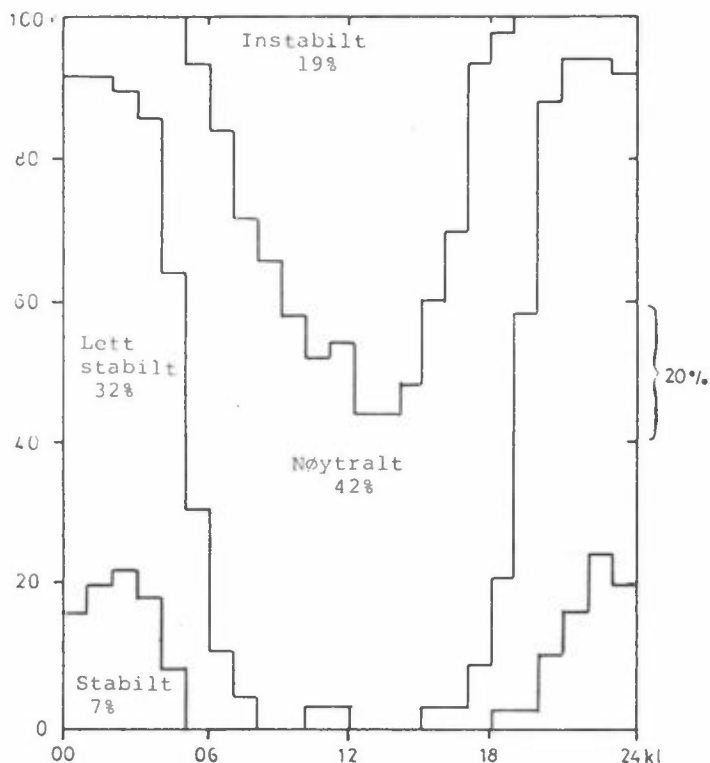
Tabell 5

VINDROSE FRA RAFNES													
1/ 6-81 - 31/ 8-81													
SEKTOR	VINDROSE KL.												
	1	4	7	10	13	16	19	22	DØGN				
20- 40	2.6	4.9	12.9	8.6	4.9	6.2	2.5	2.6	5.6				
50- 70	1.3	4.9	6.3	4.9	3.7	1.2	3.5	3.8	3.3				
80-100	2.6	2.5	5.0	12.3	2.4	2.5	5.1	1.3	4.0				
110-130	6.4	3.7	3.8	19.8	28.0	27.2	25.3	17.9	17.2				
140-160	7.7	4.9	2.5	4.9	18.3	17.3	13.9	16.7	12.2				
170-190	7.7	3.7	5.0	7.4	7.3	19.8	19.0	14.1	9.7				
200-220	6.4	6.2	2.5	2.5	3.7	1.2	5.1	5.1	4.4				
230-250	6.4	1.2	6.3	2.5	6.1	8.8	6.3	6.4	4.7				
260-280	1.3	2.5	3.6	4.9	0.0	3.7	2.5	2.6	3.3				
290-310	20.5	34.6	12.5	8.6	6.1	4.9	5.1	12.8	12.2				
320-340	32.1	24.7	28.8	13.6	15.9	6.2	12.7	14.1	19.3				
350- 10	5.1	6.2	11.3	9.9	3.7	1.2	0.0	2.6	4.2				
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
ANT.OBS.	78	81	80	81	82	81	79	78	1917				
MIDL.VIND	2.9	3.0	3.3	4.0	5.0	4.9	4.0	3.1	3.8				
VINDANALYSE													
DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													0.0
.3- 2.0 M/S	1.4	.8	.9	1.1	.9	.5	.5	.2	.1	.6	2.7	.8	10.4
2.1- 4.0 M/S	2.1	2.0	2.3	7.4	5.3	4.0	2.3	2.2	2.1	8.6	9.9	2.1	50.4
+1- 6.0 M/S	1.6	.4	.6	5.3	3.9	4.0	1.6	2.3	1.1	2.7	5.1	.8	29.3
OVER 6.0 M/S	.5	.1	.2	3.3	2.0	1.3	.1	0.0	0.0	.3	1.7	.4	9.9
TOTAL	5.6	3.3	4.0	17.2	12.2	9.7	4.4	4.7	3.3	12.2	19.3	4.2	100.0
MIDL.VIND M/S	3.5	2.9	3.0	4.3	4.2	4.3	3.5	3.9	3.6	3.4	3.6	3.4	3.8
ANT. OBS.	108	63	76	329	233	186	85	91	63	233	370	80	1917
MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 3.7 M/S, BASERT PÅ 2099 OBSERVASJONER													

Tabell 6

ΔT (25-10)m. Ås
1.6.81-31.8.81

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



FREKVENNS AV FORSKJELLIGE STABILITETER

Sommer 1981

	GRUPPE 1 X=(< - . 5)	GRUPPE 2 X=(- . 5-<0. 0)	GRUPPE 3 X=(0. 0-< . 5)	GRUPPE 4 X=(. 5->)
1	0.00	7.61	76.09	16.30
2	0.00	8.70	71.74	19.57
3	0.00	9.78	67.39	22.83
4	0.00	14.13	68.48	17.39
5	0.00	35.87	56.52	7.61
6	5.43	65.22	29.35	0.00
7	15.22	75.00	9.78	0.00
8	27.17	68.48	4.35	0.00
9	34.78	65.22	0.00	0.00
10	42.39	57.61	0.00	0.00
11	47.83	51.09	1.09	0.00
12	46.74	52.17	1.09	0.00
13	55.43	44.57	0.00	0.00
14	56.52	43.48	0.00	0.00
15	51.09	48.91	0.00	0.00
16	40.22	57.61	2.17	0.00
17	29.35	69.57	1.09	0.00
18	6.52	84.78	8.70	0.00
19	2.17	77.17	19.57	1.09
20	0.00	41.30	56.52	2.17
21	0.00	11.96	77.17	10.87
22	0.00	6.52	77.17	16.30
23	0.00	6.52	69.57	23.91
24	0.00	7.78	72.22	20.00
	19.22	47.16	32.05	6.57
	2206 OBS.			

Instabilt

Nøytralt

Lett
stabilt

Stabilt

Tabell 7

Vind : Ås
 Stabilitet: ΔT (25-10 m)
 Periode : 1.6-31.8.1981

VINDSTYRKE	0.0- 2.0 M/S				2.0- 4.0 M/S				4.0- 6.0 M/S				OVER 6.0 M/S				ROSE
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
30	.2	.9	.6	.1	.3	1.6	1.0	.1	.0	.5	.2	.0	.0	.0	.0	.0	5.5
60	.0	.7	.9	.1	.1	1.1	.4	.0	.0	.2	.0	.0	.0	.0	.0	.0	3.4
90	.2	.6	.8	.1	.0	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9
120	.1	2.7	1.2	.3	.6	3.9	1.0	.1	.1	.5	.0	.0	.0	.0	.0	.0	10.1
150	.4	2.1	1.7	.2	2.7	3.3	1.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	11.6
180	.5	1.5	1.3	.0	3.3	3.2	.7	.0	.4	.1	.0	.0	.0	.0	.0	.0	10.9
210	.2	.9	.7	.1	1.0	2.0	1.6	.0	.6	.9	.3	.0	.2	.2	.0	.0	8.8
240	.3	.7	.6	.1	.1	.6	1.3	.0	.4	.5	.5	.0	.0	.0	.0	.0	5.0
270	.3	.7	1.0	.1	.0	.7	.5	.0	.0	1.0	.2	.0	.0	.0	.0	.0	4.5
300	1.0	1.1	1.0	.2	1.3	.8	2.5	.8	.5	1.0	.5	.0	.0	.0	.0	.0	10.6
330	1.3	1.7	.9	1.1	1.6	2.7	4.4	2.1	.4	.4	1.2	.1	.0	.2	.0	.0	18.0
360	.2	.8	.6	.4	.8	1.7	2.5	.5	.2	.3	.4	.0	.0	.1	.1	.0	8.5
STILLE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
TOTAL	4.6	13.8	11.4	2.8	11.8	22.3	16.9	3.7	2.7	5.7	3.2	.1	.3	.6	.1	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
32.7	54.6	11.7	1.0

FORDELING AV STABILITETSKLASSENE

19.3	42.4	31.7	6.6
------	------	------	-----

ANTALL TIMER = 2206, ANTALL OBSERVASJONER = 2183

Tabell 10

VINDROSE FRA AS
 MÅNEDSVISE UTSKRIFTER FOR PERIODEN:
 1/ 6-81 - 31/ 8-81

MÅNED: JUNI 1981

SEKTOR	VINDROSE KL.								DØGN
	1	4	7	10	13	16	19	22	
20- 40	6.9	20.7	10.0	13.3	10.3	6.7	3.4	0.0	8.9
50- 70	0.0	3.4	3.3	0.0	0.0	3.3	3.4	3.4	3.3
80-100	6.9	0.0	6.7	0.0	0.0	0.0	6.9	3.4	2.0
110-130	0.0	3.4	6.7	6.7	10.3	16.7	17.2	6.9	9.8
140-160	6.9	6.9	6.7	13.3	13.8	10.0	13.8	20.7	11.0
170-190	10.3	3.4	10.0	3.3	17.2	23.3	17.2	3.4	12.6
200-220	13.8	13.8	10.0	20.0	17.2	16.7	17.2	24.1	15.6
230-250	13.8	6.9	0.0	3.3	6.9	3.3	3.4	13.8	6.1
260-280	3.4	3.4	6.7	3.3	10.3	3.3	10.3	3.4	5.4
290-310	6.9	6.9	6.7	10.0	3.4	3.3	0.0	3.4	5.2
320-340	10.3	27.6	23.3	10.0	3.4	3.3	6.9	3.4	11.0
350- 10	20.7	3.4	10.0	16.7	6.9	10.0	0.0	13.8	9.2
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ANT. OBS.	29	29	30	30	29	30	29	29	707
MIDL. VIND	2.2	2.8	2.4	2.8	3.2	3.4	2.9	2.6	2.8

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													0.0
3- 2.0 M/S	2.3	1.1	1.3	4.1	5.1	3.1	2.7	1.1	2.7	2.5	3.4	1.3	30.7
2.1- 4.0 M/S	4.7	1.8	7	5.2	5.7	9.1	8.2	2.5	8	2.1	6.8	5.8	53.5
4.1- 6.0 M/S	2.0	3	0.0	4	3	4	3.3	2.4	1.7	6	6	1.6	13.4
OVER 6.0 M/S	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1	0.0	3	6	2.4
TOTAL	8.9	3.3	2.0	9.8	11.0	12.6	15.6	6.1	5.4	5.2	11.0	9.2	100.0
MIDL. VIND M/S	2.9	2.3	1.9	2.3	2.2	2.6	3.5	3.3	2.8	2.3	2.5	3.3	2.8
ANT. OBS.	63	23	14	69	78	89	110	43	38	37	78	65	707

MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.8 M/S, BASERT PÅ 719 OBSERVASJONER

Tabell 11

VINDROSE FRA AS
 MÅNED: JULI 1981

SEKTOR	VINDROSE KL.								DØGN
	1	4	7	10	13	16	19	22	
20- 40	0.0	6.7	6.9	3.2	6.5	0.0	3.2	3.3	3.7
50- 70	13.3	3.3	10.3	6.5	6.5	0.0	0.0	0.0	4.5
80-100	3.3	6.7	3.4	3.2	0.0	0.0	3.2	10.0	3.4
110-130	3.3	3.3	10.3	19.4	16.1	6.5	16.1	16.7	12.3
140-160	13.3	3.3	6.9	9.7	22.6	25.8	25.8	13.3	15.6
170-190	6.7	6.7	13.8	6.5	16.1	32.3	19.4	16.7	14.5
200-220	3.3	6.7	0.0	9.7	6.5	12.9	6.5	3.3	6.4
230-250	6.7	0.0	6.9	0.0	0.0	3.2	3.2	6.7	3.8
260-280	3.3	6.7	0.0	3.2	3.2	0.0	6.5	6.7	2.9
290-310	16.7	16.7	10.3	19.4	16.1	9.7	6.5	3.3	12.5
320-340	16.7	33.3	20.7	19.4	6.5	3.2	6.5	16.7	14.8
350- 10	13.3	6.7	10.3	0.0	0.0	6.5	3.2	3.3	5.5
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ANT. OBS.	30	30	29	31	31	31	31	30	730
MIDL. VIND	2.2	2.2	1.9	2.6	3.0	3.4	2.7	2.3	2.6

VINDANALYSE

DØGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													0.0
3- 2.0 M/S	2.2	3.0	2.6	4.8	5.9	5.2	1.1	1.4	8	3.8	4.7	1.1	36.6
2.1- 4.0 M/S	1.5	1.4	8	6.4	9.2	8.2	3.8	1.6	1.0	5.6	7.1	4.2	51.0
4.1- 6.0 M/S	0.0	1	0.0	1.1	5	1.1	1.5	8	1.1	3.0	2.9	1	12.3
OVER 6.0 M/S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.0	1
TOTAL	3.7	4.5	3.4	12.3	15.6	14.5	6.4	3.8	2.9	12.5	14.8	5.5	100.0
MIDL. VIND M/S	1.8	1.8	1.7	2.5	2.4	2.6	3.3	2.8	3.3	3.0	2.7	2.7	2.6
ANT. OBS.	27	33	25	90	114	106	47	28	21	91	108	40	730

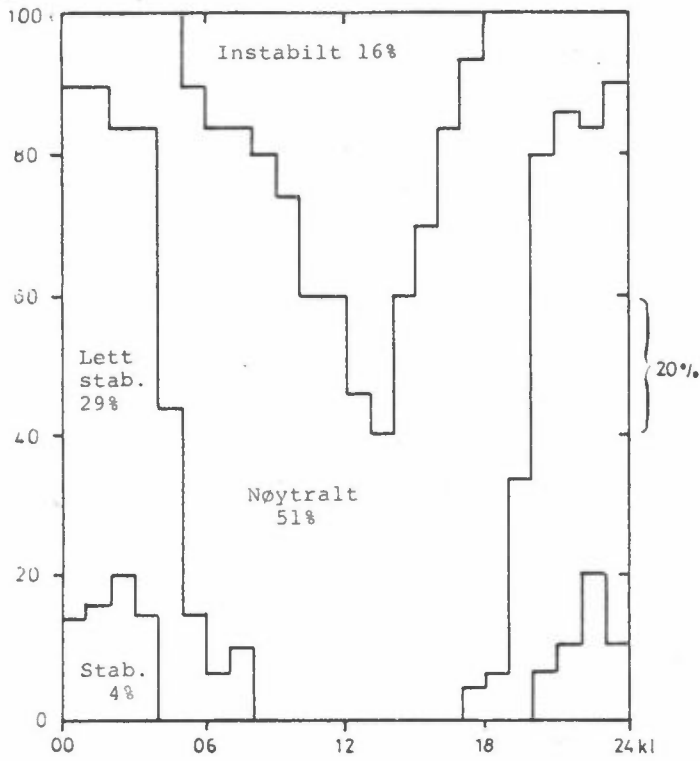
MIDLERE VINDSTYRKE FOR HELE DATASETTET ER 2.6 M/S, BASERT PÅ 738 OBSERVASJONER

Tabell 12

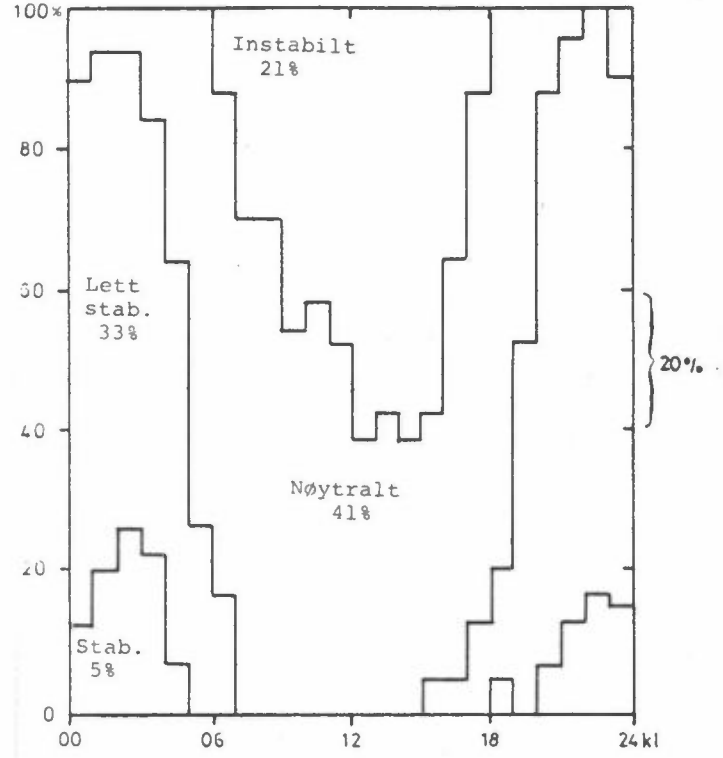
VINDROSE FRA AS													
MANED: AUGUST 1981													
SEKTOR	VINDROSE KL.								DØGN				
	1	4	7	10	13	16	19	22					
20- 40	3.2	0.0	3.2	12.9	0.0	0.0	6.5	3.2	3.9				
50- 70	0.0	0.0	0.0	6.5	3.3	6.5	6.5	0.0	2.4				
80-100	0.0	0.0	3.2	0.0	6.7	6.5	0.0	3.2	3.4				
110-130	3.2	3.2	3.2	3.2	20.0	12.9	19.4	9.7	8.9				
140-160	0.0	0.0	0.0	3.2	13.3	25.8	12.9	6.5	7.8				
170-190	0.0	0.0	3.2	3.2	13.3	16.1	6.5	3.2	5.7				
200-220	3.2	3.2	0.0	3.2	6.7	6.5	16.1	3.2	4.7				
230-250	6.5	3.2	6.5	6.5	3.3	3.2	9.7	9.7	5.1				
260-280	6.5	3.2	3.2	9.7	0.0	3.2	9.7	3.2	5.4				
290-310	12.9	22.6	6.5	19.4	13.3	12.9	3.2	16.1	14.4				
320-340	48.4	54.8	61.3	29.0	10.0	3.2	9.7	32.3	27.3				
350- 10	16.1	9.7	9.7	3.2	10.0	3.2	0.0	6.5	10.6				
STILLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	.4				
ANT. OBS.	31	31	31	31	30	31	31	31	743				
MIDL. VIND	2.5	2.6	2.2	2.5	2.8	2.9	2.2	2.3	2.5				
VINDANALYSE													
DAGNMIDDEL	30	60	90	120	150	180	210	240	270	300	330	360	TOTAL
STILLE													.4
.3- 2.0 M/S	.9	.8	1.2	3.6	3.1	2.3	2.6	2.3	3.1	3.9	7.7	3.6	35.1
2.1- 4.0 M/S	3.0	1.5	2.0	5.0	4.6	3.4	1.7	2.2	1.6	8.3	17.0	6.6	56.8
4.1- 6.0 M/S	0.0	.1	.1	.3	.1	0.0	.4	.7	.7	2.2	2.3	.4	7.3
OVER 6.0 M/S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.4	0.0	.4
TOTAL	3.9	2.4	3.4	8.9	7.8	5.7	4.7	5.1	5.4	14.4	27.3	10.6	100.0
MIDL. VIND M/S	2.6	2.1	2.3	2.4	2.3	2.2	2.1	2.3	2.2	2.8	2.7	2.6	2.5
ANT. OBS.	29	18	25	66	58	42	35	38	40	107	203	79	743
MIDLRE VINDSTYRKE FOR HELE DATASETET ER 2.5 M/S, BASERT PÅ 744 OBSERVASJONER													

Tabell 13

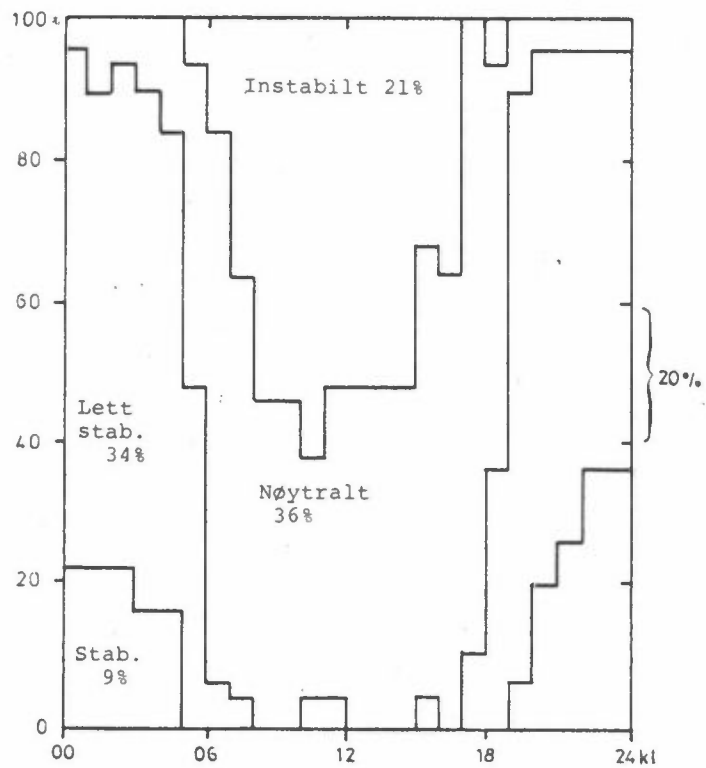
a) ΔT (25-10)m As juni 1981



b) ΔT (25-10)m As juli 1981



c) ΔT (25-10)m As august 1981



Tabell 14

Vind : Ås
 Stabilitet : ΔT (25-10 m)
 Periode : Juni 1981

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	.1	1.6	.3	.3	.3	2.8	1.6	.0	.0	1.4	.7	.0	.0	.0	.0	.0	9.0
60	.0	.6	.6	.0	.1	1.3	.4	.0	.0	.3	.0	.0	.0	.0	.0	.0	3.2
90	.0	.6	.6	.1	.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
120	.1	2.1	1.1	.4	.3	4.5	.6	.1	.0	.4	.0	.0	.0	.0	.0	.0	9.7
150	.4	2.1	1.7	.3	1.8	3.2	1.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	10.9
180	.6	1.4	1.1	.0	3.4	4.8	1.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	12.7
210	.3	.8	1.3	.0	.7	4.5	3.1	.0	1.0	1.8	.6	.0	.7	.7	.0	.0	15.5
240	.0	.6	.6	.0	.3	.4	1.7	.0	.7	.4	1.4	.0	.0	.0	.0	.0	6.1
270	.4	1.3	.8	.0	.0	.6	.1	.0	.0	1.4	.4	.0	.0	.1	.0	.0	5.2
300	.7	1.1	.6	.0	.4	.4	.6	.8	.0	.6	.0	.0	.0	.0	.0	.0	5.2
330	1.1	1.3	.3	.4	.8	2.7	2.1	1.6	.0	.1	.3	.1	.0	.1	.1	.0	11.1
360	.1	.7	.1	.3	.8	2.4	2.5	.0	.3	.6	.7	.0	.0	.4	.3	.0	9.3
STILLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	3.9	14.1	9.0	1.8	9.0	28.2	14.8	2.5	2.1	7.6	4.1	.1	.7	1.4	.4	0.0	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
28.9	54.6	14.0	2.5

FØRDELING AV STABILITETSKLASSENE

15.8	51.3	28.3	4.5
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ANTALL TIMER = 720, ANTALL OBSERVASJONER = 709

Vind : Ås
 Stabilitet: ΔT (25-10 m)
 Periode : Juli 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	1.0	1.1	.0	.0	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6
60	.0	1.0	1.8	.3	.0	1.1	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	4.5
90	.1	.7	1.8	.0	.0	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
120	.1	2.9	1.1	.4	1.1	3.6	1.6	.1	.3	.7	.0	.0	.0	.0	.0	.0	11.9
150	.1	2.6	2.6	.3	4.0	4.4	1.4	.1	.1	.5	.0	.0	.0	.0	.0	.0	16.1
180	.5	2.1	2.1	.0	3.7	3.8	1.1	.0	1.1	.1	.0	.0	.0	.0	.0	.0	14.5
210	.1	.4	.3	.1	2.1	1.0	.5	.1	.7	.8	.3	.0	.0	.0	.0	.0	6.4
240	.1	.7	.4	.1	.1	.5	.8	.0	.3	.5	.1	.0	.0	.0	.0	.0	3.8
270	.1	.1	.4	.1	.0	.1	.8	.0	.1	.8	.1	.0	.0	.0	.0	.0	2.9
300	1.1	.8	1.6	.3	1.2	1.1	2.2	.8	1.0	1.8	.1	.0	.0	.0	.0	.0	12.0
330	1.0	1.6	.8	.8	1.1	2.2	2.7	1.6	.4	.4	2.1	.1	.0	.1	.0	.0	15.0
360	.1	.4	.3	.3	.1	1.8	2.5	.0	.0	.3	.0	.0	.0	.0	.0	.0	5.7
STILLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	3.6	14.2	14.2	2.7	13.4	20.5	15.3	2.9	4.0	6.2	2.7	.1	0.0	.1	0.0	0.0	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
34.7	52.1	13.0	.1

FØRDELING AV STABILITETSKLASSENE

20.9	41.0	32.3	5.7
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ANTALL TIMER = 744, ANTALL OBSERVASJONER = 731

Vind : Ås
 Stabilitet: ΔT (25-10 m)
 Periode : August 1981

e)

VINDSTYKKE	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	.4	.1	.4	.1	.7	1.3	.7	.3	.0	.1	.0	.0	.0	.0	.0	.0	4.2
60	.0	.5	.3	.0	.1	.8	.5	.0	.0	.1	.0	.0	.0	.0	.0	.0	2.4
90	.4	.5	.1	.1	.1	1.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	3.4
120	.1	1.6	1.5	.1	.4	3.8	.7	.0	.1	.4	.0	.0	.0	.0	.0	.0	8.7
150	.5	1.5	.9	.0	2.2	2.2	.5	.0	.0	.1	.0	.0	.0	.0	.0	.0	7.9
180	.3	1.1	.7	.0	2.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7
210	.3	1.3	.7	.1	.1	.5	1.1	.0	.3	.1	.0	.0	.0	.0	.0	.0	4.6
240	.7	.8	.8	.1	.0	.7	1.3	.0	.1	.5	.0	.0	.0	.0	.0	.0	5.1
270	.3	.7	1.6	.1	.1	1.3	.5	.0	.0	.7	.0	.0	.0	.0	.0	.0	5.4
300	1.2	1.5	.7	.4	2.3	.8	4.6	.8	.4	.5	1.2	.0	.0	.0	.0	.0	14.4
330	1.9	2.2	1.6	1.9	2.7	3.2	8.2	3.0	.7	.5	1.2	.0	.1	.3	.0	.0	27.5
360	.3	1.2	1.3	.7	1.3	.9	2.4	1.3	.3	.1	.4	.0	.0	.0	.0	.0	10.4
STILLE	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
TOTAL	6.3	13.2	10.9	3.8	12.8	18.3	20.6	5.5	1.9	3.5	2.8	0.0	.1	.3	0.0	0.0	100.0

FORDELING PÅ VINDHASTIGHET

0.0- 2.0 M/S	2.0- 4.0 M/S	4.0- 6.0 M/S	OVER 6.0 M/S
34.2	57.2	8.2	.4

FORDELING AV STABILITETSKLASSENE

21.1	35.3	34.3	9.3
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ANTALL TIMER = 744, ANTALL OBSERVASJONER = 743

Tabell 15a)

BREVIK, TANGEN TIME DATO	JUNI 1981					SUM MM																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	0.0	0.0	0.0	0.0	0.1	0.0	2.0	2.2	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	4.3
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	2.5	2.5	3.0	3.0	1.5	3.0	2.5	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	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	1.0	1.0	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	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	2.0	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	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

87.2

Tabell 15b)

BREVIK, TANGEN TIME DATO	JULI 1981										SUMM													
	1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21	22	23
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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
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
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
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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
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
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	1.4	3	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	2.1	5	5.5	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	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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
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
-----																							78.2	

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- (2) Sivertsen, B. Meteorologiske data fra nedre Telemark, høsten 1977. Lillestrøm 1978. (NILU OR 8/78.)
- (3) Sivertsen, B. Meteorologiske data fra nedre Telemark, vinteren 1977/78, Lillestrøm 1978. (NILU OR 2/78.)
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mark, høsten 1980.
Lillestrøm 1981. (NILU OR 15/81.)
- (15) Sivertsen, B.
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Lillestrøm 1981. (NILU OR 21/81.)

VEDLEGG A

GRAFISK FRAMSTILLING AV TIDSFORLØPET AV:

TEMPERATUR (°C)

TEMPERATURDIFFERENS (25-10 M)

VINDHASTIGHET (M/S)

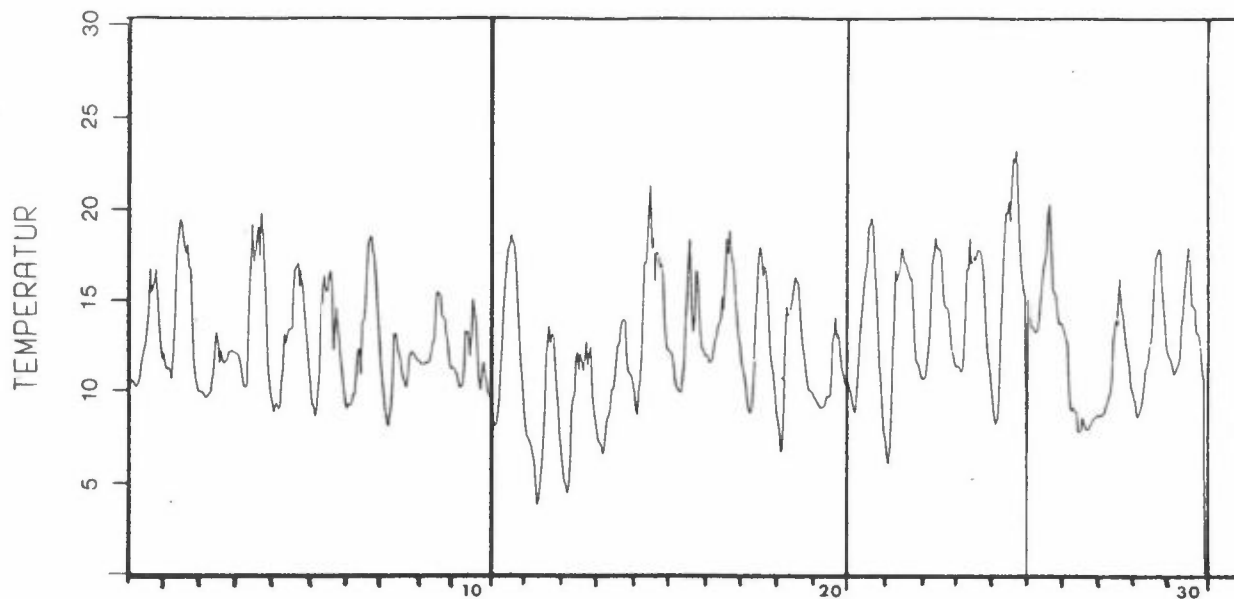
VINDRETNING (DEKAGRADER)

FOR MÅNEDENE JUNI, JULI, AUGUST 1981

VED ÅS.

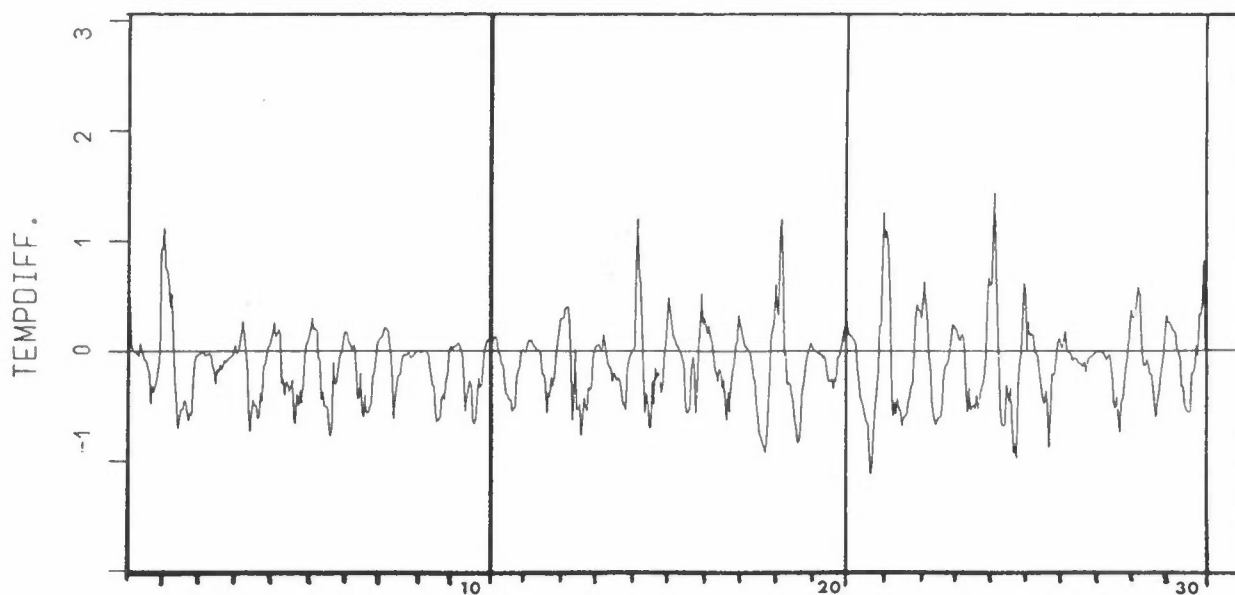
STASJON: 338 ÅS

PERIODE: JUNI 1981



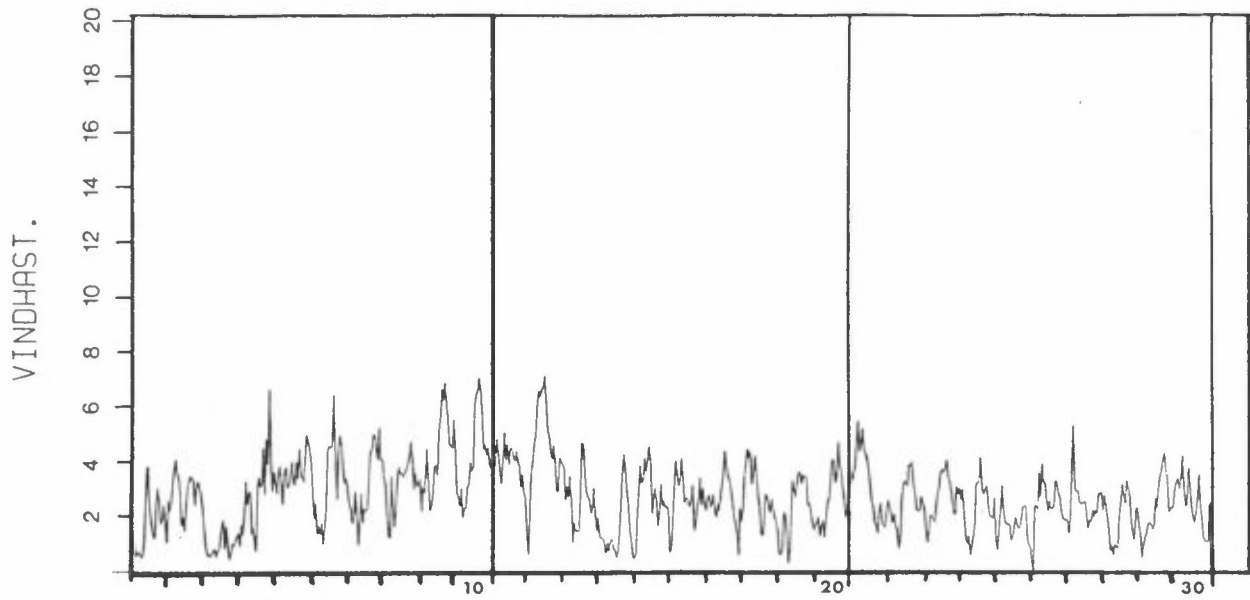
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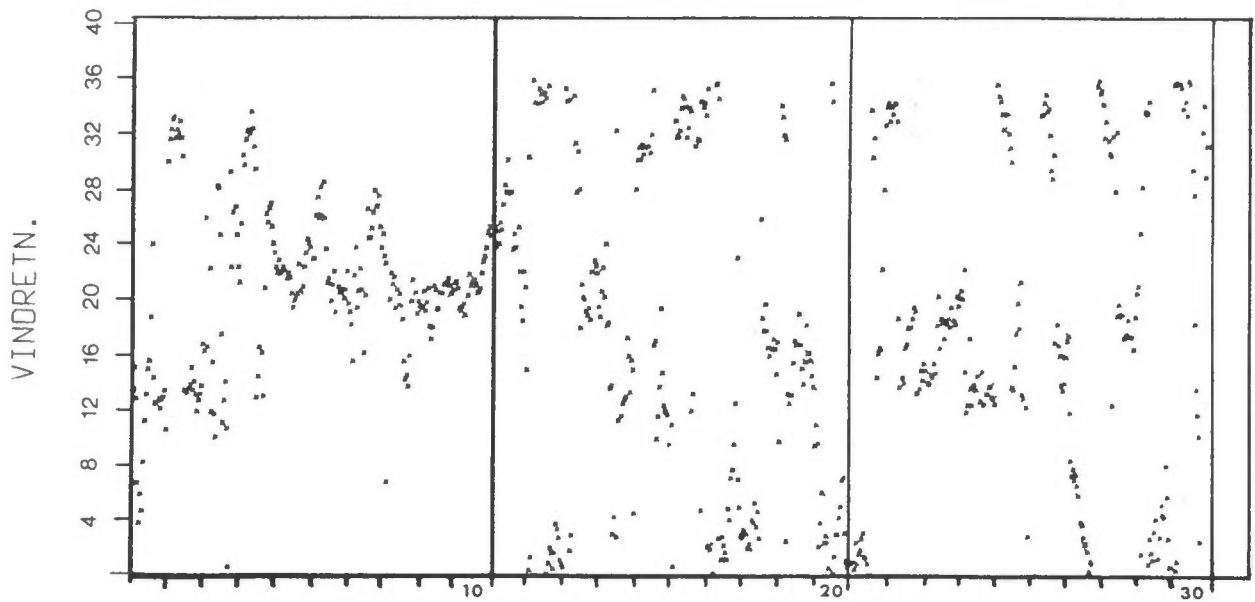
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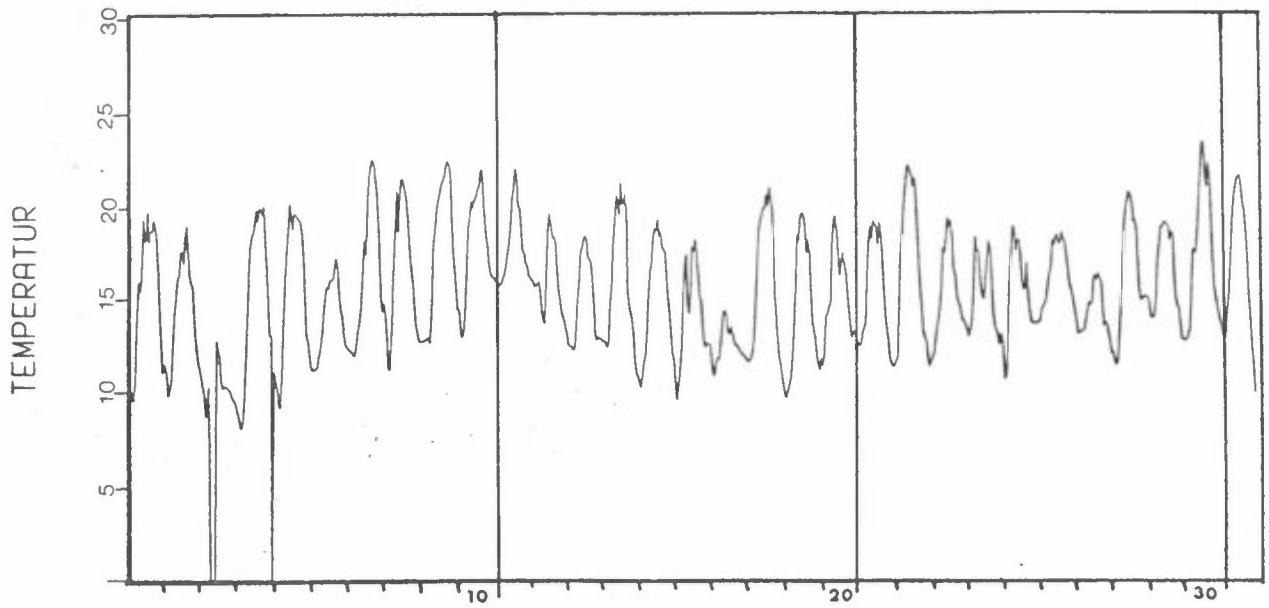
STASJON: 338 ÅS

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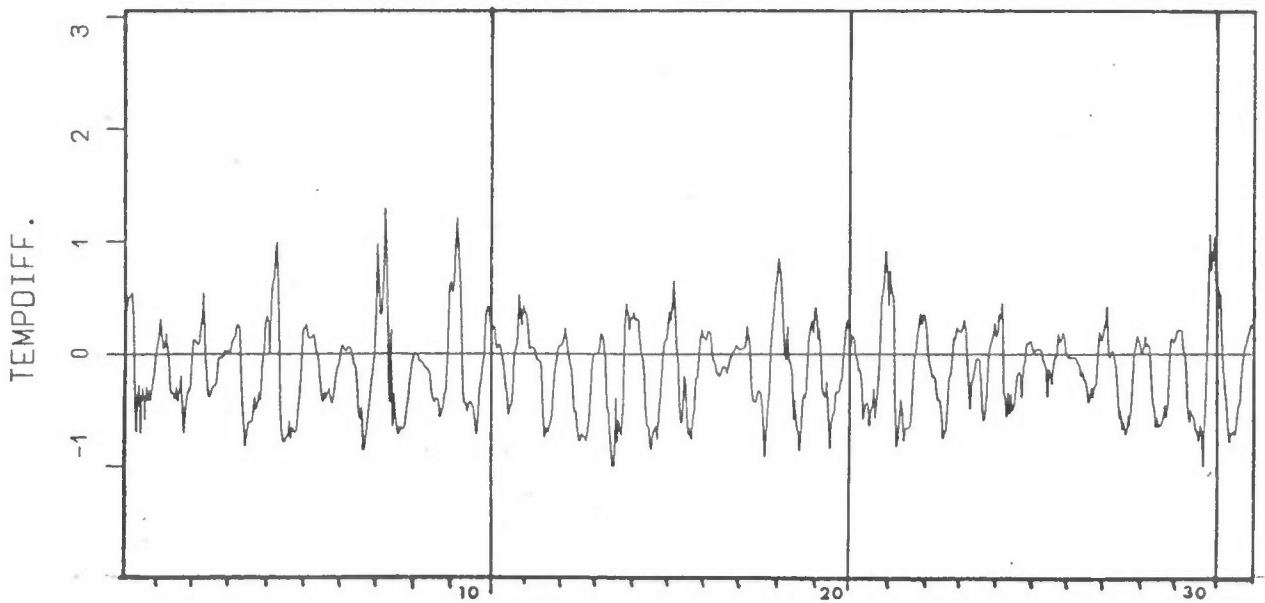
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PERIODE: JULI 1981



STASJON: 338 ÅS

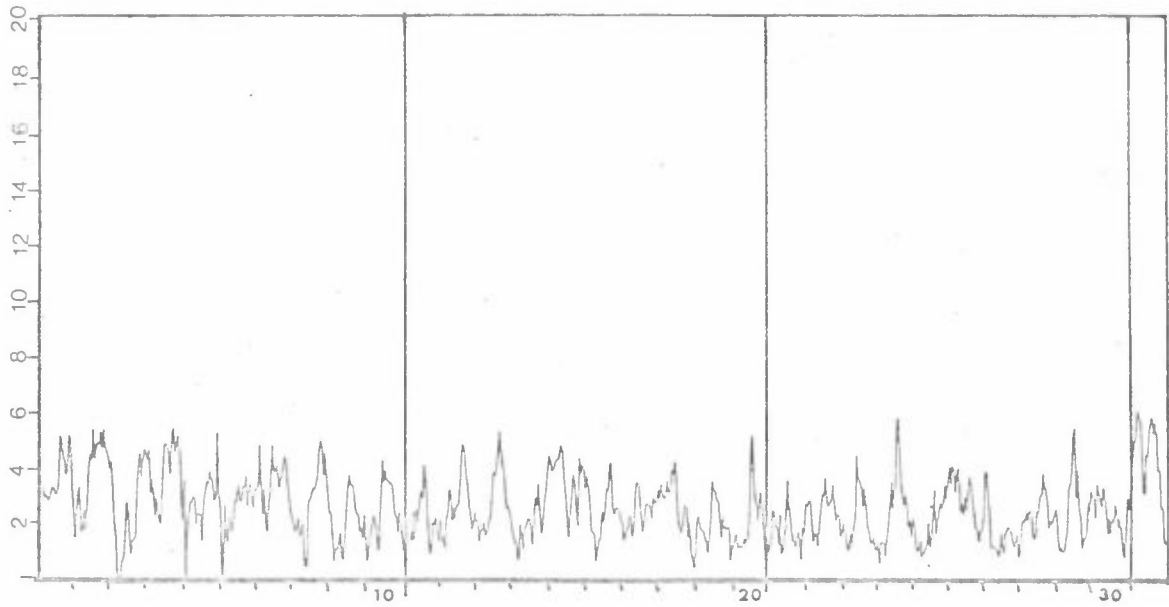
PERIODE: JULI 1981



STASJON: 338 ÅS

PERIODE: JULI 1981

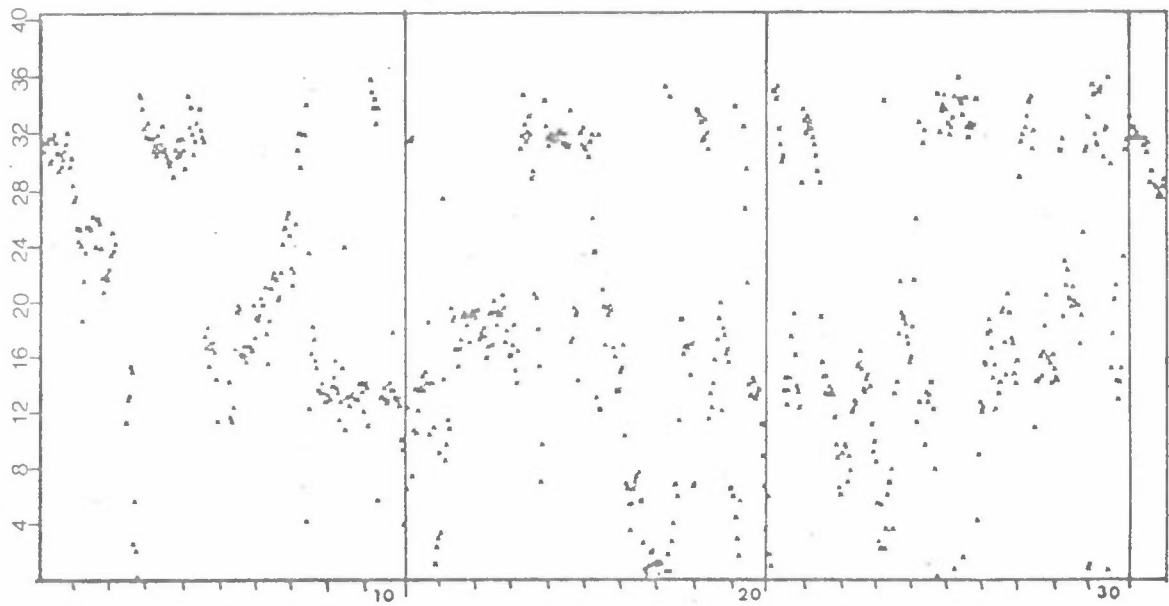
VINDHAST.



STASJON: 338 ÅS

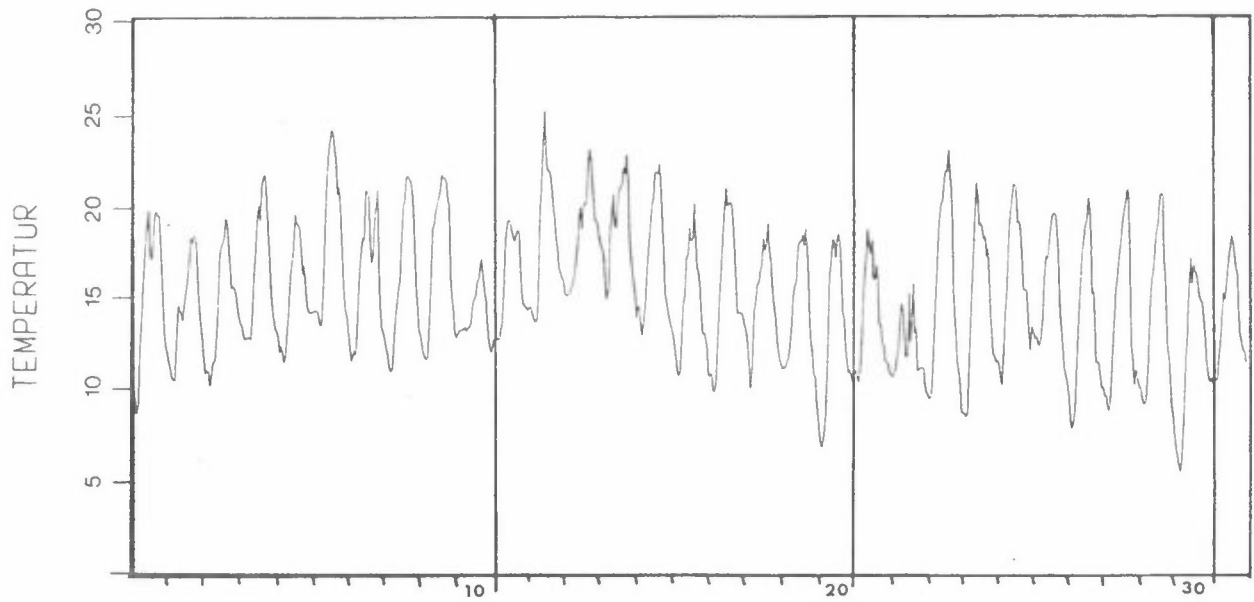
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VINDRETN.



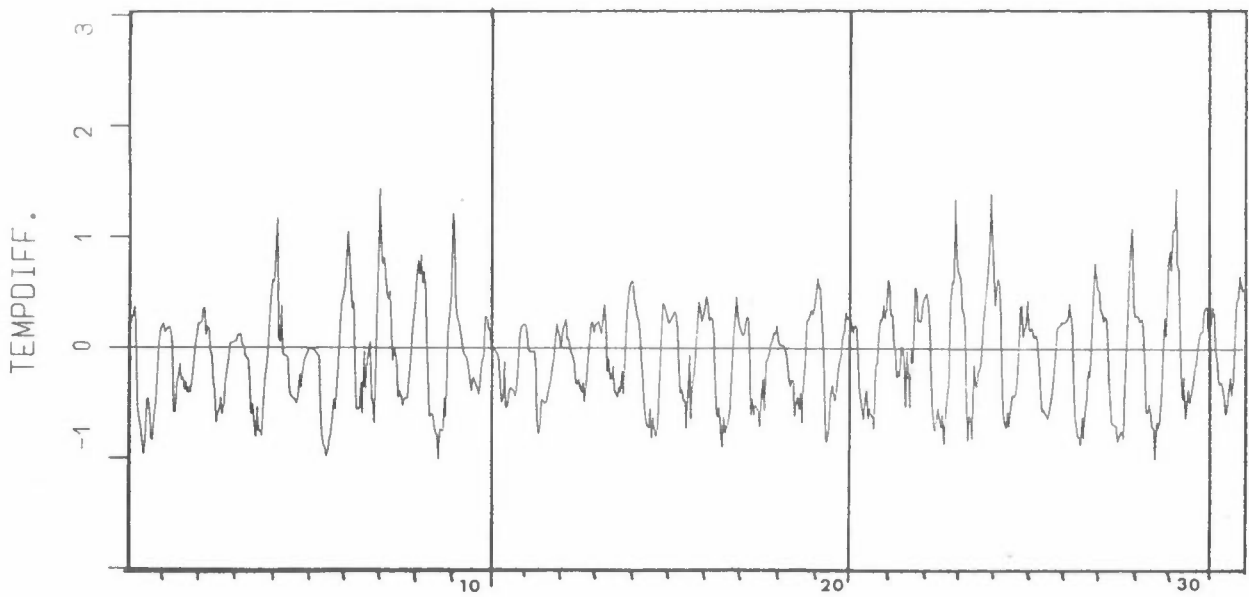
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PERIODE:AUG 1981



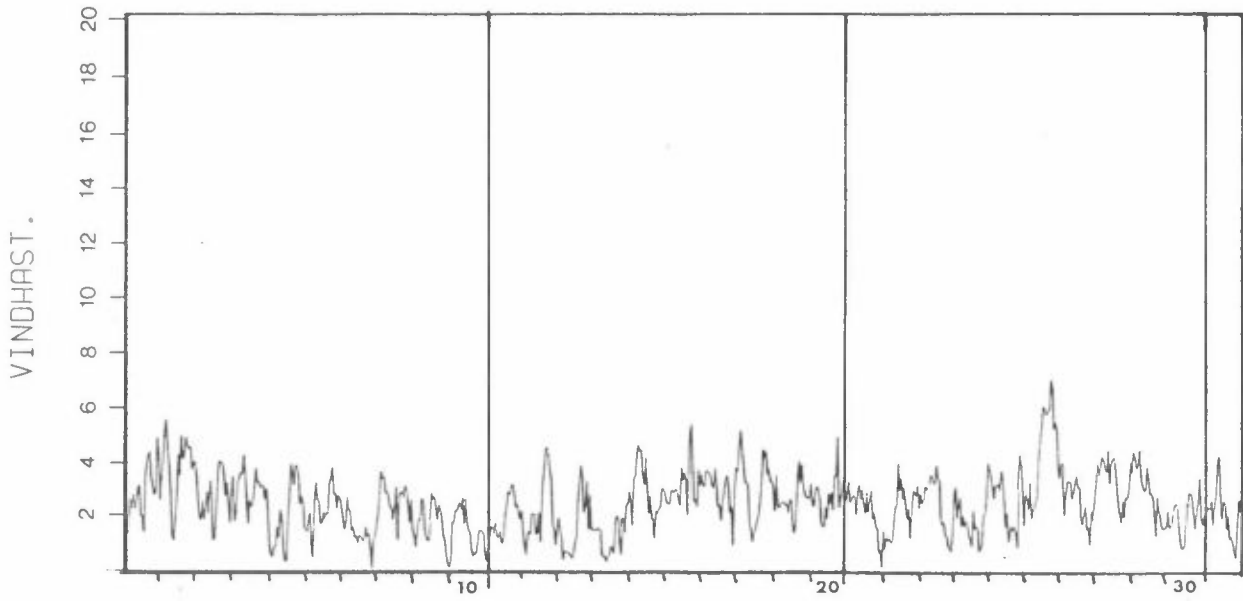
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PERIODE:PUG 1981



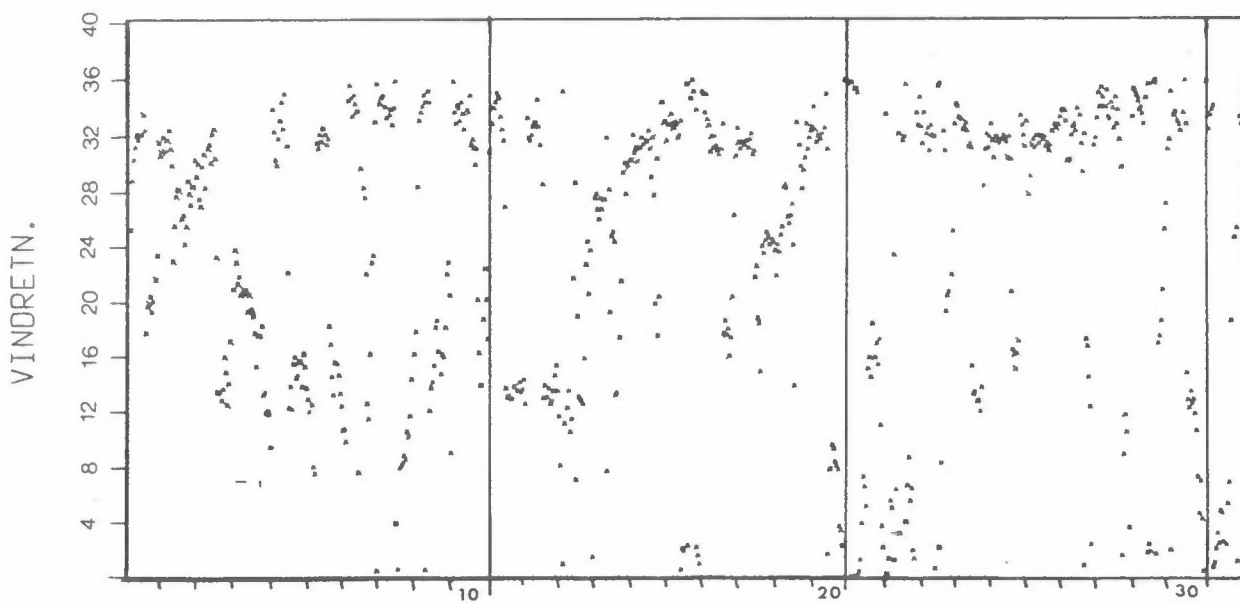
STASJON: 338 ÅS

PERIODE: AUG 1981



STASJON: 338 ÅS

PERIODE: AUG 1981



VEDLEGG B

LISTE AV TIMEVISE DATA FRA
NEDRE TELEMAR
1.6.81-31.8.81

FØLGENDE PARAMETRE ER GITT I DEN SYNOPSISKE LISTEN AV DATA:

T-ÅS	= lufttemperatur (°C) 3 m over bakken ved Ås
DT-ÅS	= temperaturforskjell (°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).

			F-AS	DT-RS	RH-RS	F-RS	D-RS	F-DIT	D-DIT	F-DER	D-DER	F-RA	D-RA	F-SA	D-SA	P-TA	
1	6	31	1	10.7	.03	.99	.3	15.	99.0	99.	1.7	3.	1.8	0.	99.0	99.	0.0
1	6	31	2	10.6	0.00	1.00	.6	15.	99.0	99.	1.4	2.	1.8	33.	99.0	99.	0.0
1	6	31	3	10.5	-.01	.99	.8	7.	99.0	99.	2.0	3.	1.8	33.	99.0	99.	0.0
1	6	31	4	10.3	-.02	.99	.7	4.	99.0	99.	2.2	2.	1.4	1.	99.0	99.	0.0
1	6	31	5	10.2	-.02	.99	.5	6.	99.0	99.	1.4	3.	1.4	3.	99.0	99.	.1
1	6	31	6	10.5	-.05	.99	.7	5.	99.0	99.	1.6	3.	1.4	0.	99.0	99.	0.0
1	6	31	7	10.7	.07	.99	1.3	8.	99.0	99.	1.8	2.	1.8	34.	99.0	99.	2.0
1	6	31	8	11.4	.02	.99	2.2	11.	99.0	99.	1.2	3.	2.1	13.	99.0	99.	2.2
1	6	31	9	12.0	-.05	.99	3.9	15.	99.0	99.	.9	14.	5.3	13.	99.0	99.	0.0
1	6	31	10	12.3	-.09	.99	2.7	15.	99.0	99.	2.5	14.	4.6	13.	99.0	99.	0.0
1	6	31	11	12.7	-.07	.99	2.0	16.	99.0	99.	2.1	14.	4.6	13.	99.0	99.	0.0
1	6	31	12	13.5	-.17	.99	1.7	12.	99.0	99.	1.5	14.	3.2	13.	99.0	99.	0.0
1	6	31	13	14.3	-.18	.94	1.3	24.	99.0	99.	1.5	16.	1.8	0.	99.0	99.	0.0
1	6	31	14	16.7	-.43	.87	1.2	114.	99.0	99.	1.1	16.	2.1	7.	99.0	99.	0.0
1	6	31	15	15.4	-.32	.95	2.6	12.	99.0	99.	1.2	14.	3.5	11.	99.0	99.	0.0
1	6	31	16	15.7	-.33	.93	3.1	12.	99.0	99.	2.4	14.	4.2	12.	99.0	99.	0.0
1	6	31	17	16.1	-.30	.90	2.5	13.	99.0	99.	1.8	12.	3.2	12.	99.0	99.	0.0
1	6	31	18	16.7	-.23	.89	1.8	12.	99.0	99.	1.2	14.	1.8	0.	99.0	99.	0.0
1	6	31	19	15.0	-.13	.94	1.9	15.	99.0	99.	1.4	16.	2.5	12.	99.0	99.	0.0
1	6	31	20	13.5	-.01	.98	2.5	13.	99.0	99.	1.4	17.	2.8	13.	99.0	99.	0.0
1	6	31	21	12.5	.89	1.00	1.9	13.	99.0	99.	1.2	16.	2.1	0.	99.0	99.	0.0
1	6	31	22	11.7	.95	1.00	1.1	111.	99.0	99.	1.1	20.	2.1	22.	99.0	99.	0.0
1	6	31	23	12.1	1.12	.99	2.7	30.	99.0	99.	1.1	20.	1.8	38.	99.0	99.	0.0
1	6	31	24	11.4	.75	.95	2.2	32.	99.0	99.	1.1	20.	2.1	22.	99.0	99.	0.0
2	6	31	1	11.2	.73	.90	2.5	32.	99.0	99.	.7	2.	1.8	0.	99.0	99.	0.0
2	6	31	2	11.4	.62	.83	3.3	33.	99.0	99.	1.1	2.	2.5	29.	99.0	99.	0.0
2	6	31	3	11.2	.39	.87	3.8	33.	99.0	99.	1.0	1.	2.8	32.	99.0	99.	0.0
2	6	31	4	10.6	.52	.90	4.1	32.	99.0	99.	1.1	2.	3.2	32.	99.0	99.	0.0
2	6	31	5	11.7	.08	.84	3.6	32.	99.0	99.	1.3	1.	2.5	32.	99.0	99.	0.0
2	6	31	6	13.5	-.29	.78	3.4	32.	99.0	99.	1.4	2.	2.5	33.	99.0	99.	0.0
2	6	31	7	15.7	-.47	.68	2.8	33.	99.0	99.	1.4	2.	2.1	34.	99.0	99.	0.0
2	6	31	8	17.8	-.70	.61	1.7	32.	99.0	99.	1.4	3.	1.4	4.	99.0	99.	0.0
2	6	31	9	18.6	-.61	.56	2.0	30.	99.0	99.	1.2	2.	2.1	0.	99.0	99.	0.0
2	6	31	10	19.4	-.52	.57	1.5	13.	99.0	99.	1.6	18.	2.1	4.	99.0	99.	0.0
2	6	31	11	19.2	-.53	.57	2.5	13.	99.0	99.	2.1	20.	3.9	12.	99.0	99.	0.0
2	6	31	12	18.4	-.45	.72	3.1	13.	99.0	99.	3.7	16.	5.6	13.	99.0	99.	0.0
2	6	31	13	17.9	-.44	.78	3.3	13.	99.0	99.	3.8	17.	7.0	13.	99.0	99.	0.0
2	6	31	14	17.5	-.54	.78	3.5	14.	99.0	99.	3.6	16.	7.7	13.	99.0	99.	0.0
2	6	31	15	17.0	-.63	.71	3.4	15.	99.0	99.	4.1	17.	7.4	13.	99.0	99.	0.0
2	6	31	16	16.8	-.53	.80	3.4	13.	99.0	99.	3.1	14.	6.0	13.	99.0	99.	0.0
2	6	31	17	16.7	-.52	.82	2.4	14.	99.0	99.	2.9	17.	4.9	14.	99.0	99.	0.0
2	6	31	18	13.9	-.39	.94	3.0	13.	99.0	99.	2.1	16.	5.3	14.	99.0	99.	0.0
2	6	31	19	11.6	-.10	1.00	3.3	12.	99.0	99.	1.9	14.	5.3	13.	99.0	99.	0.0
2	6	31	20	10.7	-.03	.99	3.1	13.	99.0	99.	1.7	15.	5.6	13.	99.0	99.	0.0
2	6	31	21	10.6	-.04	.99	2.9	13.	99.0	99.	2.1	14.	4.6	13.	99.0	99.	0.0
2	6	31	22	10.0	-.03	.99	2.3	14.	99.0	99.	1.7	13.	3.5	13.	99.0	99.	0.0
2	6	31	23	10.0	-.01	.99	1.7	17.	99.0	99.	1.7	14.	2.5	18.	99.0	99.	0.0
2	6	31	24	10.0	-.02	.99	1.0	13.	99.0	99.	1.4	14.	1.4	18.	99.0	99.	0.0
3	6	31	1	9.9	-.00	.99	.6	102.	99.0	99.	1.1	13.	1.8	33.	99.0	99.	0.0
3	6	31	2	9.7	-.05	.99	.7	14.	99.0	99.	1.5	14.	1.4	32.	99.0	99.	0.0
3	6	31	3	9.6	-.04	.99	.6	1022.	99.0	99.	1.1	13.	1.8	3.	99.0	99.	0.0
3	6	31	4	9.7	-.02	.99	.7	12.	99.0	99.	.8	12.	1.4	1.	99.0	99.	0.0
3	6	31	5	9.8	-.02	.99	.8	1015.	99.0	99.	.9	28.	1.4	13.	99.0	99.	0.0
3	6	31	6	9.9	-.05	.99	.9	1712.	99.0	99.	1.7	2.	1.8	4.	99.0	99.	0.0
3	6	31	7	10.6	-.14	.99	.6	1010.	99.0	99.	1.6	2.	1.8	4.	99.0	99.	0.0
3	6	31	8	11.0	-.18	.97	.8	28.	99.0	99.	1.1	27.	1.8	6.	99.0	99.	0.0
3	6	31	9	12.3	-.31	.80	.8	28.	99.0	99.	1.2	26.	1.8	7.	99.0	99.	0.0
3	6	31	10	13.2	-.16	.88	1.3	25.	99.0	99.	1.2	20.	2.1	10.	99.0	99.	0.0
3	6	31	11	12.7	-.21	.91	1.8	17.	99.0	99.	1.3	25.	2.5	38.	99.0	99.	.5
3	6	31	12	11.5	-.12	.98	1.9	11.	99.0	99.	1.5	6.	3.5	12.	99.0	99.	1.2
3	6	31	13	12.3	-.17	.96	.8	13.	99.0	99.	1.4	16.	2.8	13.	99.0	99.	0.0
3	6	31	14	11.6	-.13	.94	1.7	14.	99.0	99.	2.1	17.	2.8	14.	99.0	99.	3.7
3	6	31	15	11.5	-.03	.97	.9	11.	99.0	99.	1.2	15.	1.8	12.	99.0	99.	2.8
3	6	31	16	11.6	-.11	.97	.5	1011.	99.0	99.	.9	12.	1.4	9.	99.0	99.	0.0
3	6	31	17	11.7	-.07	.97	.7	1029.	99.0	99.	.7	24.	1.8	11.	99.0	99.	.3
3	6	31	18	12.1	-.06	.97	1.1	1022.	99.0	99.	1.1	26.	1.8	13.	99.0	99.	0.0
3	6	31	19	12.1	-.05	.96	.9	26.	99.0	99.	1.4	24.	1.4	3.	99.0	99.	0.0
3	6	31	20	12.2	-.05	.94	1.2	27.	99.0	99.	1.6	24.	1.4	38.	99.0	99.	0.0
3	6	31	21	12.2	-.01	.98	1.3	25.	99.0	99.	1.4	25.	1.8	9.	99.0	99.	0.0
3	6	31	22	12.1	-.05	.98	1.5	22.	99.0	99.	1.2	16.	2.1	12.	99.0	99.	0.0
3	6	31	23	12.1	-.03	.99	.9	21.	99.0	99.	1.5	18.	1.4	0.	99.0	99.	0.0
3	6	31	24	12.0	-.01	1.00	1.7	25.	99.0	99.	1.9	24.	2.5	27.	99.0	99.	0.0

		T-RT	DT-RT	DT-RT	F-RT	D-RT	F-DRT	D-DRT	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA		
4	5	81	1	11.8	.05	.77	1.4	30.	99.0	99.	1.4	26.	1.9	35.	99.0	99.	0.0
4	5	81	2	11.4	.14	.99	2.1	31.	99.0	99.	1.4	26.	2.5	30.	99.0	99.	0.0
4	5	81	3	10.8	.29	.99	3.5	32.	99.0	99.	1.8	26.	2.8	29.	99.0	99.	0.0
4	5	81	4	10.3	.17	.99	2.4	32.	99.0	99.	1.9	2.	3.2	31.	99.0	99.	0.0
4	5	81	5	10.2	.02	.99	2.9	32.	99.0	99.	2.1	2.	3.5	32.	99.0	99.	0.0
4	5	81	6	10.3	-.13	.99	3.9	32.	99.0	99.	1.4	3.	3.2	32.	99.0	99.	0.0
4	5	81	7	12.9	-.59	.95	1.4	34.	99.0	99.	2.2	4.	3.2	35.	99.0	99.	0.0
4	5	81	8	15.4	-.75	.61	1.7	32.	99.0	99.	2.4	6.	2.1	1.	99.0	99.	0.0
4	5	81	9	17.3	-.54	.66	1.2	31.	99.0	99.	1.1	14.	2.1	10.	99.0	99.	0.0
4	5	81	10	19.1	-.44	.54	.9	1029.	99.0	99.	1.4	16.	2.8	11.	99.0	99.	0.0
4	5	81	11	17.0	-.50	.77	3.0	13.	99.0	99.	2.1	16.	3.9	11.	99.0	99.	0.0
4	5	81	12	17.5	-.42	.65	3.5	14.	3.2	18.	2.6	16.	7.4	12.	99.0	99.	0.0
4	5	81	13	18.4	-.62	.61	3.1	16.	4.2	17.	3.2	15.	7.0	15.	99.0	99.	0.0
4	5	81	14	19.0	-.59	.59	3.1	16.	4.6	17.	3.7	15.	7.0	15.	99.0	99.	0.0
4	5	81	15	17.3	-.37	.71	4.5	13.	3.6	13.	3.8	14.	5.3	13.	99.0	99.	0.0
4	5	81	16	19.7	-.44	.53	2.8	21.	3.9	13.	2.6	14.	3.5	38.	99.0	99.	0.0
4	5	81	17	18.7	-.14	.36	4.8	26.	5.2	20.	4.4	24.	4.9	24.	99.0	99.	0.0
4	5	81	18	14.7	-.13	.55	3.9	26.	5.1	29.	5.4	24.	3.9	29.	99.0	99.	0.0
4	5	81	19	14.5	-.03	.61	6.6	27.	5.5	29.	6.2	24.	5.6	25.	99.0	99.	.2
4	5	81	20	11.6	.05	.75	4.1	27.	4.4	30.	5.9	26.	4.2	26.	99.0	99.	0.0
4	5	81	21	10.6	.05	.77	2.9	25.	2.1	28.	3.6	24.	3.5	24.	99.0	99.	0.0
4	5	81	22	9.9	.11	.34	3.7	24.	1.3	26.	4.1	24.	3.9	22.	99.0	99.	0.0
4	5	81	23	9.4	.17	.86	3.3	25.	1.4	26.	2.5	24.	3.5	23.	99.0	99.	0.0
4	5	81	24	8.8	.28	.49	2.8	22.	1.4	20.	2.2	27.	2.1	22.	99.0	99.	0.0
5	5	81	1	9.2	.13	.99	3.6	22.	2.6	12.	2.1	17.	2.1	21.	99.0	99.	0.0
5	5	81	2	9.4	.15	.99	3.9	23.	3.2	12.	2.4	16.	3.2	21.	99.0	99.	0.0
5	5	81	3	9.0	.21	.92	3.2	22.	2.1	13.	1.7	16.	1.9	20.	99.0	99.	0.0
5	5	81	4	9.1	.15	.99	2.4	22.	1.1	15.	1.6	16.	2.5	20.	99.0	99.	0.0
5	5	81	5	10.5	-.30	.46	3.4	22.	2.4	24.	1.9	16.	3.5	21.	99.0	99.	0.0
5	5	81	6	11.2	-.24	.34	3.8	22.	3.5	26.	3.0	27.	3.9	22.	99.0	99.	0.0
5	5	81	7	13.1	-.41	.77	3.1	21.	2.9	24.	3.4	24.	3.5	23.	99.0	99.	0.0
5	5	81	8	12.6	-.27	.79	3.1	22.	3.1	24.	3.6	21.	3.5	22.	99.0	99.	0.0
5	5	81	9	13.1	-.29	.78	3.5	22.	3.7	22.	3.1	21.	4.6	21.	99.0	99.	0.0
5	5	81	10	13.4	-.37	.82	4.1	20.	2.4	20.	2.5	15.	4.9	19.	99.0	99.	0.0
5	5	81	11	13.3	-.31	.85	3.3	19.	1.9	20.	3.1	16.	4.2	19.	99.0	99.	0.0
5	5	81	12	13.4	-.24	.89	3.1	20.	2.9	16.	3.4	16.	4.2	18.	99.0	99.	0.0
5	5	81	13	15.4	-.62	.83	4.0	20.	2.5	18.	2.7	17.	4.4	20.	99.0	99.	0.0
5	5	81	14	16.7	-.65	.77	3.4	20.	5.3	25.	3.3	17.	4.6	21.	99.0	99.	0.0
5	5	81	15	16.7	-.53	.71	4.5	25.	6.0	26.	4.6	22.	6.0	23.	99.0	99.	0.0
5	5	81	16	17.0	-.50	.71	3.5	21.	5.4	26.	4.1	22.	4.9	23.	99.0	99.	0.0
5	5	81	17	15.4	-.34	.78	3.5	20.	6.1	27.	3.1	17.	4.6	23.	99.0	99.	0.0
5	5	81	18	16.4	-.43	.74	3.3	21.	5.4	24.	4.0	16.	3.9	17.	99.0	99.	0.0
5	5	81	19	15.7	-.29	.75	4.1	22.	5.3	26.	4.0	20.	5.3	23.	99.0	99.	0.0
5	5	81	20	14.4	-.05	.71	5.0	23.	4.1	24.	5.4	24.	5.6	23.	99.0	99.	0.0
5	5	81	21	13.5	.06	.74	4.8	24.	4.1	24.	3.5	24.	4.9	22.	99.0	99.	0.0
5	5	81	22	12.4	.09	.73	4.4	24.	2.8	24.	3.5	24.	3.5	22.	99.0	99.	0.0
5	5	81	23	11.3	.14	.82	4.1	24.	2.1	24.	3.1	24.	3.2	23.	99.0	99.	0.0
5	5	81	24	10.3	.21	.86	2.9	23.	1.4	24.	3.4	24.	4.2	23.	99.0	99.	0.0
5	6	81	1	9.2	.31	.88	1.9	23.	1.4	22.	2.4	26.	3.9	23.	99.0	99.	0.0
5	6	81	2	9.3	.19	.87	2.5	26.	.7	21.	1.9	24.	1.8	25.	99.0	99.	0.0
5	6	81	3	8.5	.20	.89	1.4	27.	.6	16.	2.4	26.	2.5	27.	99.0	99.	0.0
5	6	81	4	9.0	.20	.87	1.7	26.	.6	20.	2.5	26.	2.1	31.	99.0	99.	0.0
5	6	81	5	10.0	-.07	.83	1.4	26.	.8	32.	.9	24.	2.1	31.	99.0	99.	0.0
5	6	81	6	11.0	-.03	.80	1.8	26.	.5	20.	1.3	22.	2.1	7.	99.0	99.	0.0
5	6	81	7	14.0	-.45	.70	1.0	29.	.6	28.	1.9	24.	2.1	3.	99.0	99.	0.0
5	6	81	8	15.8	-.37	.62	1.7	26.	.6	16.	1.8	24.	2.5	12.	99.0	99.	0.0
5	6	81	9	16.4	-.51	.55	2.3	24.	.9	12.	1.9	20.	3.9	23.	99.0	99.	0.0
5	6	81	10	15.5	-.50	.54	4.4	21.	1.5	28.	2.9	24.	4.6	23.	99.0	99.	0.0
5	6	81	11	15.4	-.51	.70	4.4	22.	3.0	24.	4.2	21.	5.3	22.	99.0	99.	0.0
5	6	81	12	14.1	-.67	.64	4.5	21.	5.2	24.	3.9	21.	5.6	20.	99.0	99.	0.0
5	6	81	13	15.6	-.77	.68	4.6	20.	5.4	24.	4.1	20.	5.3	19.	99.0	99.	0.0
5	6	81	14	15.9	-.70	.69	6.4	21.	4.8	20.	5.3	17.	7.0	19.	99.0	99.	0.0
5	6	81	15	12.2	-.10	.83	4.5	22.	7.1	20.	5.0	20.	5.3	20.	99.0	99.	0.0
5	6	81	16	13.3	-.30	.90	2.6	19.	5.4	21.	3.4	16.	3.9	17.	99.0	99.	.5
5	6	81	17	14.4	-.30	.73	4.4	21.	2.4	22.	2.4	18.	4.2	19.	99.0	99.	0.0
5	6	81	18	13.5	-.18	.80	5.0	20.	3.3	24.	2.9	17.	4.9	19.	99.0	99.	0.0
5	6	81	19	12.4	-.05	.82	4.6	21.	2.8	18.	2.9	19.	4.6	19.	99.0	99.	0.0
5	6	81	20	11.6	-.02	.88	3.7	21.	2.9	20.	3.3	17.	3.9	18.	99.0	99.	0.0
5	6	81	21	10.9	.04	.93	3.2	20.	2.8	16.	3.5	17.	3.5	17.	99.0	99.	0.0
5	6	81	22	9.9	.15	.98	3.4	21.	2.5	20.	3.4	17.	3.9	17.	99.0	99.	0.0
5	6	81	23	9.3	.17	.99	3.9	22.	2.1	16.	1.1	14.	3.5	19.	99.0	99.	0.0
5	6	81	24	9.0	.15	.99	2.4	20.	1.7	20.	1.9	16.	3.2	19.	99.0	99.	0.0

	T-AS	DT-RS	TH-RS	F-RS	D-RS	F-UHT	D-UHT	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
7 5 31 1	0.5	.04	.74	2.4	17.	5.1	21.	1.4	15.	2.8	19.	09.0	09.	0.0
7 5 31 2	0.2	.05	.75	1.8	18.	2.4	14.	1.8	15.	2.8	20.	09.0	09.	0.0
7 5 31 3	0.4	.02	.72	1.7	15.	2.7	12.	1.7	15.	2.5	15.	09.0	09.	1.0
7 5 31 4	0.9	.05	.79	5.0	22.	.9	12.	1.5	14.	2.1	59.	09.0	09.	.8
7 5 31 5	0.8	.07	.77	2.1	24.	.6	20.	1.5	24.	1.8	24.	09.0	09.	1.7
7 5 31 6	11.0	-.20	.73	1.0	19.	.7	29.	1.7	29.	2.1	33.	09.0	09.	0.0
7 5 31 7	12.2	-.45	.70	1.7	21.	1.1	16.	2.5	14.	2.5	17.	09.0	09.	0.0
7 5 31 8	12.4	-.42	.73	2.9	22.	1.4	16.	2.6	14.	3.2	19.	09.0	09.	0.0
7 5 31 9	10.0	-.19	.74	1.8	21.	1.7	20.	2.1	20.	2.1	18.	09.0	09.	.5
7 5 31 10	13.8	-.54	.79	2.3	16.	2.1	14.	1.3	15.	2.5	11.	09.0	09.	0.0
7 5 31 11	13.9	-.61	.79	2.2	20.	2.0	14.	1.5	20.	2.5	0.	09.0	09.	.1
7 5 31 12	14.7	-.57	.71	2.3	27.	2.4	22.	2.1	20.	3.2	39.	09.0	09.	0.0
7 5 31 13	14.4	-.56	.63	3.2	24.	2.8	24.	2.4	24.	3.0	25.	09.0	09.	0.0
7 5 31 14	14.1	-.57	.51	4.4	24.	1.3	32.	3.2	24.	4.0	24.	09.0	09.	0.0
7 5 31 15	18.3	-.51	.62	4.4	25.	1.1	29.	4.1	24.	4.0	25.	09.0	09.	0.0
7 5 31 16	18.5	-.43	.38	5.0	24.	3.5	28.	5.2	25.	5.5	25.	09.0	09.	0.0
7 5 31 17	17.6	-.77	.38	5.0	25.	4.6	28.	5.4	24.	4.0	24.	09.0	09.	0.0
7 5 31 18	17.3	-.20	.38	4.4	27.	4.3	29.	5.4	24.	5.5	27.	09.0	09.	0.0
7 5 31 19	16.1	-.06	.39	4.1	27.	5.4	31.	5.2	24.	4.6	28.	09.0	09.	0.0
7 5 31 20	14.7	.07	.41	5.3	27.	3.5	32.	5.1	24.	3.2	27.	09.0	09.	0.0
7 5 31 21	13.4	.10	.44	4.1	25.	2.5	29.	4.4	24.	3.5	26.	09.0	09.	0.0
7 5 31 22	11.8	.15	.59	4.1	24.	2.1	29.	3.9	24.	4.2	23.	09.0	09.	0.0
7 5 31 23	10.8	.12	.65	3.5	25.	1.9	28.	3.9	24.	4.2	23.	09.0	09.	0.0
7 5 31 24	9.9	.13	.74	3.2	23.	.9	16.	2.5	24.	3.5	23.	09.0	09.	0.0
8 6 31 1	0.1	.22	.73	2.1	23.	1.2	20.	2.4	21.	3.0	23.	09.0	09.	0.0
8 6 31 2	8.4	.27	.89	1.3	1007.	1.4	14.	1.7	24.	3.0	24.	09.0	09.	0.0
8 6 31 3	0.1	.17	.73	1.2	20.	.9	24.	2.1	15.	3.2	23.	09.0	09.	0.0
8 6 31 4	8.7	.06	.73	3.5	22.	.0	21.	1.4	16.	3.0	22.	09.0	09.	0.0
8 6 31 5	0.2	-.02	.71	2.7	21.	1.9	12.	1.5	20.	3.5	22.	09.0	09.	0.0
8 6 31 6	10.8	-.28	.85	1.4	22.	1.6	20.	1.7	27.	2.5	23.	09.0	09.	0.0
8 6 31 7	13.1	-.62	.72	2.1	19.	.9	17.	1.5	17.	3.2	23.	09.0	09.	0.0
8 6 31 8	13.2	-.42	.70	3.4	21.	1.7	20.	1.9	20.	3.0	23.	09.0	09.	0.0
8 6 31 9	12.6	-.57	.79	3.8	20.	1.9	19.	3.8	18.	5.3	19.	09.0	09.	0.0
8 6 31 10	12.1	-.22	.82	3.4	20.	3.3	22.	3.3	17.	5.3	18.	09.0	09.	0.0
8 6 31 11	11.8	-.25	.91	3.4	19.	4.0	24.	3.4	16.	5.3	18.	09.0	09.	0.0
8 6 31 12	11.2	-.12	.94	3.4	19.	3.4	19.	4.1	16.	4.4	17.	09.0	09.	.1
8 6 31 13	10.8	-.05	.99	3.4	14.	3.5	19.	3.0	14.	5.3	16.	09.0	09.	.9
8 6 31 14	10.5	-.02	.95	3.7	14.	2.5	14.	2.9	14.	4.0	14.	09.0	09.	.1
8 6 31 15	10.2	-.05	.99	3.9	14.	3.7	15.	2.7	15.	4.9	14.	09.0	09.	1.4
8 6 31 16	10.7	-.03	1.00	4.2	14.	3.5	14.	2.9	15.	4.0	14.	09.0	09.	1.1
8 6 31 17	11.9	-.03	1.00	4.8	14.	1.9	17.	4.1	14.	6.3	14.	09.0	09.	.7
8 6 31 18	12.1	-.06	.99	4.1	20.	2.4	20.	3.4	14.	4.2	17.	09.0	09.	.1
8 6 31 19	12.2	-.05	.99	3.0	21.	2.8	17.	3.3	15.	3.9	17.	09.0	09.	0.0
8 6 31 20	12.1	-.05	.99	3.4	21.	2.5	17.	3.4	14.	4.4	17.	09.0	09.	0.0
8 6 31 21	11.9	-.01	.99	3.1	19.	2.3	18.	3.4	14.	3.9	17.	09.0	09.	0.0
8 6 31 22	11.8	-.01	.99	3.2	20.	2.3	17.	2.7	14.	3.5	17.	09.0	09.	0.0
8 6 31 23	11.7	-.00	.98	3.4	20.	2.8	14.	3.1	14.	3.5	18.	09.0	09.	0.0
8 6 31 24	11.6	0.00	.98	2.2	19.	2.7	14.	2.2	15.	2.1	18.	09.0	09.	0.0
9 6 31 1	11.5	-.02	.98	3.1	19.	1.9	17.	2.5	14.	3.5	17.	09.0	09.	.1
9 6 31 2	11.5	.01	.98	2.9	21.	2.8	16.	2.4	20.	3.2	19.	09.0	09.	0.0
9 6 31 3	11.5	-.01	.99	3.4	19.	2.5	20.	2.9	14.	3.5	17.	09.0	09.	.1
9 6 31 4	11.4	.01	.98	4.5	20.	2.4	14.	2.4	14.	3.9	18.	09.0	09.	.2
9 6 31 5	11.5	-.02	.99	3.2	21.	2.9	19.	2.1	14.	3.2	19.	09.0	09.	.1
9 6 31 6	11.6	-.03	.97	2.2	18.	2.5	18.	1.9	14.	3.9	16.	09.0	09.	0.0
9 6 31 7	11.8	-.14	.94	2.3	17.	2.3	13.	2.3	15.	4.4	17.	09.0	09.	0.0
9 6 31 8	12.3	-.24	.92	2.9	18.	2.2	16.	2.4	16.	5.3	18.	09.0	09.	0.0
9 6 31 9	12.7	-.32	.87	3.8	21.	2.9	18.	2.7	16.	5.4	19.	09.0	09.	0.0
9 6 31 10	12.9	-.32	.84	3.9	21.	3.3	20.	2.9	16.	5.4	19.	09.0	09.	0.0
9 6 31 11	14.8	-.57	.80	3.5	19.	3.8	18.	3.9	17.	6.0	19.	09.0	09.	0.0
9 6 31 12	15.5	-.65	.77	5.1	19.	4.4	18.	4.7	14.	7.0	18.	09.0	09.	0.0
9 6 31 13	15.3	-.62	.76	5.7	21.	5.4	17.	4.4	17.	8.1	18.	09.0	09.	0.0
9 6 31 14	15.3	-.61	.74	4.7	20.	4.4	19.	4.4	17.	7.7	18.	09.0	09.	0.0
9 6 31 15	14.2	-.43	.74	4.2	21.	5.4	21.	5.2	17.	7.0	18.	09.0	09.	0.0
9 6 31 16	14.0	-.38	.74	4.9	21.	4.8	20.	4.3	14.	7.0	19.	09.0	09.	0.0
9 6 31 17	14.0	-.45	.75	4.1	21.	5.9	19.	3.4	20.	6.0	19.	09.0	09.	0.0
9 6 31 18	13.2	-.27	.80	5.4	22.	5.4	20.	3.3	17.	5.4	19.	09.0	09.	0.0
9 6 31 19	12.4	-.21	.85	4.1	21.	4.1	23.	2.7	17.	4.9	18.	09.0	09.	0.0
9 6 31 20	11.4	-.01	.90	4.4	20.	5.0	21.	2.9	17.	4.4	18.	09.0	09.	0.0
9 6 31 21	11.2	.05	.93	4.4	21.	4.4	20.	3.1	17.	5.5	18.	09.0	09.	0.0
9 6 31 22	11.3	.01	.91	5.5	21.	3.4	19.	2.9	18.	5.4	19.	09.0	09.	0.0
9 6 31 23	11.3	.04	.91	4.4	21.	3.7	20.	2.4	21.	4.2	20.	09.0	09.	0.0
9 6 31 24	11.1	.03	.92	2.9	21.	4.4	21.	1.7	17.	3.9	20.	09.0	09.	0.0

	F-45	DT-45	RH-45	F-45	D-45	F-45	D-45	F-45	D-45	F-45	D-45	F-45	D-45	F-45	D-45	P-45
10 6 21 1	10.2	.05	.92	2.7	21.	3.1	21.	1.4	14.	3.2	21.	99.0	99.	0.0		
10 6 21 2	10.5	.04	.96	2.4	19.	1.9	18.	1.4	14.	2.9	18.	99.0	99.	0.0		
10 6 21 3	10.2	.05	.94	3.0	19.	2.4	17.	2.9	16.	3.2	17.	99.0	99.	0.0		
10 6 21 4	10.3	.01	.95	2.0	20.	3.2	14.	2.2	16.	1.8	17.	99.0	99.	0.0		
10 6 21 5	10.5	-.05	.91	2.3	20.	2.3	18.	2.1	16.	3.2	16.	99.0	99.	0.0		
10 6 21 6	11.5	-.25	.86	2.5	19.	2.4	14.	2.1	16.	3.2	16.	99.0	99.	0.0		
10 6 21 7	13.5	-.56	.75	3.1	20.	2.9	18.	2.1	17.	3.5	21.	99.0	99.	0.0		
10 6 21 8	13.2	-.41	.73	3.2	22.	3.0	14.	2.4	17.	3.9	21.	99.0	99.	0.0		
10 6 21 9	13.3	-.34	.74	4.0	21.	2.4	17.	2.9	18.	4.9	19.	99.0	99.	0.0		
10 6 21 10	11.9	-.27	.93	3.4	21.	2.4	19.	3.1	17.	4.4	17.	99.0	99.	.7		
10 6 21 11	13.1	-.31	.83	3.8	21.	3.5	20.	2.4	18.	5.3	19.	99.0	99.	0.0		
10 6 21 12	15.1	-.64	.62	4.1	21.	3.9	18.	4.9	18.	7.0	19.	99.0	99.	0.0		
10 6 21 13	14.4	-.67	.63	4.4	21.	4.4	20.	5.2	20.	8.1	20.	99.0	99.	0.0		
10 6 21 14	13.7	-.61	.66	4.6	20.	7.1	24.	5.2	19.	4.1	18.	99.0	99.	0.0		
10 6 21 15	12.1	-.45	.70	7.1	21.	4.4	21.	5.2	20.	8.1	17.	99.0	99.	0.0		
10 6 21 16	10.4	-.24	.75	6.5	21.	7.4	21.	4.8	20.	7.0	18.	99.0	99.	0.0		
10 6 21 17	10.1	-.34	.72	5.7	22.	6.4	20.	5.4	22.	4.9	21.	99.0	99.	0.0		
10 6 21 18	10.8	-.32	.79	4.4	23.	5.3	22.	4.0	21.	4.6	21.	99.0	99.	0.0		
10 6 21 19	11.7	-.12	.71	4.4	23.	3.0	22.	4.8	23.	4.9	23.	99.0	99.	0.0		
10 6 21 20	11.0	0.07	.58	4.2	24.	1.9	17.	4.4	24.	5.3	24.	99.0	99.	0.0		
10 6 21 21	10.6	.03	.64	4.5	25.	3.8	28.	4.7	24.	4.9	24.	99.0	99.	0.0		
10 6 21 22	9.9	.11	.65	3.8	25.	3.6	28.	4.4	24.	4.6	25.	99.0	99.	0.0		
10 6 21 23	9.8	.09	.63	3.7	25.	1.9	28.	4.0	24.	4.7	24.	99.0	99.	0.0		
10 6 21 24	9.7	.08	.63	4.3	26.	3.9	30.	4.4	24.	3.9	24.	99.0	99.	0.0		
11 6 21 1	9.2	.07	.61	4.1	25.	3.2	30.	4.8	24.	4.2	24.	99.0	99.	0.0		
11 6 21 2	8.5	.10	.64	3.2	24.	2.2	26.	4.4	24.	4.4	23.	99.0	99.	0.0		
11 6 21 3	8.1	.14	.65	4.8	25.	1.7	20.	3.9	24.	3.5	21.	99.0	99.	0.0		
11 6 21 4	8.1	.10	.65	4.3	24.	2.9	24.	5.7	24.	3.9	22.	99.0	99.	0.0		
11 6 21 5	8.9	-.02	.64	3.4	26.	1.7	29.	2.9	24.	3.9	23.	99.0	99.	0.0		
11 6 21 6	9.5	-.02	.63	3.2	25.	3.4	28.	2.1	24.	3.9	25.	99.0	99.	0.0		
11 6 21 7	11.3	-.13	.59	4.1	27.	1.1	27.	3.4	24.	3.9	25.	99.0	99.	0.0		
11 6 21 8	12.9	-.13	.53	5.1	28.	1.1	30.	3.4	26.	5.3	27.	99.0	99.	0.0		
11 6 21 9	14.5	-.24	.48	4.0	28.	4.9	30.	5.4	26.	5.3	28.	99.0	99.	0.0		
11 6 21 10	15.7	-.37	.44	4.7	30.	5.4	30.	4.9	26.	4.9	28.	99.0	99.	0.0		
11 6 21 11	17.0	-.40	.39	3.9	29.	6.4	30.	4.3	25.	4.4	26.	99.0	99.	0.0		
11 6 21 12	17.8	-.45	.33	4.5	28.	5.2	30.	4.6	24.	4.9	26.	99.0	99.	0.0		
11 6 21 13	19.0	-.43	.30	4.5	29.	5.4	30.	4.9	25.	5.3	25.	99.0	99.	0.0		
11 6 21 14	18.6	-.55	.31	4.1	24.	5.4	29.	5.1	24.	5.3	23.	99.0	99.	0.0		
11 6 21 15	18.2	-.53	.29	4.0	25.	4.9	30.	4.4	24.	4.4	24.	99.0	99.	0.0		
11 6 21 16	18.0	-.51	.27	4.4	24.	4.1	32.	4.5	24.	5.4	23.	99.0	99.	0.0		
11 6 21 17	17.1	-.24	.24	3.9	25.	3.7	31.	5.4	24.	4.4	23.	99.0	99.	0.0		
11 6 21 18	15.5	-.18	.42	3.9	22.	3.4	29.	4.4	20.	3.5	24.	99.0	99.	0.0		
11 6 21 19	13.7	-.15	.63	3.1	19.	4.9	28.	3.4	17.	4.9	21.	99.0	99.	0.0		
11 6 21 20	11.8	-.02	.69	3.4	18.	1.9	29.	2.5	16.	5.3	21.	99.0	99.	0.0		
11 6 21 21	10.7	.02	.64	2.8	10.22.	3.4	18.	1.9	20.	5.3	21.	99.0	99.	0.0		
11 6 21 22	9.5	.01	.72	2.7	21.	3.3	20.	2.4	20.	2.8	17.	99.0	99.	0.0		
11 6 21 23	9.3	-.02	.88	1.4	15.	3.3	14.	1.9	14.	3.9	38.	99.0	99.	.3		
11 6 21 24	7.5	.06	.98	.6	10.30.	3.3	13.	1.3	2.	2.1	13.	99.0	99.	1.4		
12 6 21 1	7.5	.10	.99	2.2	0.	1.4	19.	2.4	2.	3.2	1.	99.0	99.	2.6		
12 6 21 2	7.3	.11	.96	3.4	1.	1.2	10.	3.3	2.	4.4	0.	99.0	99.	2.5		
12 6 21 3	7.0	.03	.94	4.1	36.	1.9	36.	4.4	1.	6.3	35.	99.0	99.	3.7		
12 6 21 4	6.4	.05	.95	4.4	34.	3.0	36.	4.3	1.	7.4	34.	99.0	99.	3.0		
12 6 21 5	6.1	.04	.95	5.0	0.	3.5	35.	4.4	1.	9.1	33.	99.0	99.	1.5		
12 6 21 6	4.8	.01	.92	6.1	34.	4.4	35.	5.9	1.	11.5	34.	99.0	99.	3.0		
12 6 21 7	3.4	.01	.90	6.4	35.	5.4	35.	6.4	1.	9.5	33.	99.0	99.	2.5		
12 6 21 8	4.1	.02	.88	6.4	35.	4.4	34.	6.9	1.	9.8	34.	99.0	99.	1.0		
12 6 21 9	5.7	-.05	.80	6.6	34.	5.2	34.	5.4	1.	10.9	34.	99.0	99.	.1		
12 6 21 10	5.9	-.21	.74	6.7	35.	5.3	34.	6.4	1.	10.9	35.	99.0	99.	0.0		
12 6 21 11	7.2	-.21	.66	7.1	35.	6.4	34.	6.5	1.	9.5	35.	99.0	99.	0.0		
12 6 21 12	8.8	-.28	.59	6.2	0.	6.4	34.	7.3	1.	8.4	34.	99.0	99.	0.0		
12 6 21 13	11.9	-.57	.53	5.1	36.	5.2	2.	6.2	2.	7.0	34.	99.0	99.	0.0		
12 6 21 14	12.7	-.37	.68	5.0	1.	4.5	2.	7.9	1.	6.3	1.	99.0	99.	0.0		
12 6 21 15	13.6	-.42	.65	4.4	2.	5.6	3.	6.9	2.	7.0	2.	99.0	99.	0.0		
12 6 21 16	12.6	-.73	.65	4.1	2.	4.9	4.	6.9	2.	7.0	3.	99.0	99.	0.0		
12 6 21 17	13.1	-.32	.61	4.6	0.	2.7	4.	5.9	2.	6.0	2.	99.0	99.	0.0		
12 6 21 18	13.0	-.24	.54	4.0	2.	3.0	4.	5.0	2.	6.0	1.	99.0	99.	0.0		
12 6 21 19	11.5	-.04	.57	2.9	4.	4.9	4.	4.0	1.	5.3	2.	99.0	99.	0.0		
12 6 21 20	10.2	.07	.40	2.9	3.	2.8	4.	3.4	1.	5.3	2.	99.0	99.	0.0		
12 6 21 21	9.1	.19	.60	4.2	3.	1.9	4.	3.6	2.	4.9	3.	99.0	99.	0.0		
12 6 21 22	7.5	.30	.64	4.0	1.	1.6	4.	5.7	1.	5.4	1.	99.0	99.	0.0		
12 6 21 23	6.8	.31	.68	3.9	0.	1.6	8.	5.2	1.	6.0	35.	99.0	99.	0.0		
12 6 21 24	5.9	.30	.50	3.8	1.	2.5	2.	5.1	1.	5.3	34.	99.0	99.	0.0		

	F-MS	DT-MS	RH-MS	F-NS	D-NS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-1A
13 4 31 1	5.1	.57	.52	2.4	35.	3.5	34.	3.1	2.	3.9	32.	99.0	99.	0.0
13 4 31 2	4.9	.40	.52	3.1	34.	3.4	32.	2.8	1.	2.1	31.	99.0	99.	0.0
13 4 31 3	4.4	.41	.56	2.7	34.	1.8	11.	2.2	2.	2.8	33.	99.0	99.	0.0
13 4 31 4	4.7	.27	.55	3.5	2.	1.5	30.	2.4	2.	3.2	1.	99.0	99.	0.0
13 4 31 5	6.3	-.15	.50	2.5	3.	1.6	20.	2.9	2.	2.5	35.	99.0	99.	0.0
13 4 31 6	9.1	-.65	.49	1.0	35.	1.9	36.	2.2	2.	1.8	30.	99.0	99.	0.0
13 4 31 7	9.6	-.49	.50	1.4	31.	1.7	36.	1.4	3.	2.1	33.	99.0	99.	0.0
13 4 31 8	9.9	.02	.46	1.5	28.	2.1	32.	1.3	24.	1.4	1.	99.0	99.	0.0
13 4 31 9	12.0	-.54	.41	1.5	31.	2.1	28.	2.1	20.	2.1	4.	99.0	99.	0.0
13 4 31 10	12.2	-.55	.39	1.5	24.	1.6	29.	1.9	15.	2.5	10.	99.0	99.	0.0
13 4 31 11	11.7	-.47	.46	2.8	18.	1.6	27.	2.9	16.	4.2	18.	99.0	99.	0.0
13 4 31 12	12.1	-.77	.49	4.7	21.	1.0	24.	3.8	13.	5.3	19.	99.0	99.	0.0
13 4 31 13	11.6	-.60	.51	4.7	20.	4.6	16.	3.5	20.	5.6	19.	99.0	99.	0.0
13 4 31 14	11.1	-.42	.55	3.8	20.	4.2	18.	4.3	17.	5.3	18.	99.0	99.	0.0
13 4 31 15	11.8	-.50	.56	2.7	17.	4.6	16.	3.4	16.	4.2	20.	99.0	99.	0.0
13 4 31 16	12.8	-.55	.58	2.7	19.	4.4	17.	2.9	16.	3.9	19.	99.0	99.	0.0
13 4 31 17	11.4	-.32	.65	2.7	19.	2.8	16.	3.5	16.	3.5	16.	99.0	99.	0.0
13 4 31 18	12.1	-.35	.64	2.1	19.	4.4	17.	2.6	17.	3.5	21.	99.0	99.	0.0
13 4 31 19	12.4	-.30	.58	2.3	22.	3.6	17.	3.0	20.	3.9	19.	99.0	99.	0.0
13 4 31 20	10.3	-.06	.61	3.1	23.	2.9	18.	3.6	22.	2.5	20.	99.0	99.	0.0
13 4 31 21	9.1	.02	.69	2.9	22.	2.4	22.	3.1	23.	2.5	23.	99.0	99.	0.0
13 4 31 22	8.4	.05	.77	1.5	22.	2.2	24.	2.3	22.	2.1	19.	99.0	99.	0.0
13 4 31 23	8.0	.06	.83	2.0	19.	1.8	21.	2.3	17.	2.1	17.	99.0	99.	0.0
13 4 31 24	7.3	.05	.90	1.2	19.	1.9	19.	2.1	16.	2.5	13.	99.0	99.	0.0
14 4 31 1	7.2	.00	.89	1.3	21.	2.1	1.	2.0	17.	2.5	13.	99.0	99.	0.0
14 4 31 2	7.1	.02	.90	1.2	22.	1.8	1.	1.7	20.	2.1	22.	99.0	99.	0.0
14 4 31 3	5.5	.15	.94	1.0	20.	1.5	2.	1.7	18.	1.8	14.	99.0	99.	0.0
14 4 31 4	6.8	.08	.93	.7	24.	1.6	3.	1.5	14.	1.4	14.	99.0	99.	0.0
14 4 31 5	8.0	-.05	.90	1.1	18.	.4	2.	1.3	14.	1.8	10.	99.0	99.	0.0
14 4 31 6	8.5	-.12	.89	.7	18.	.6	3.	1.7	2.	1.4	34.	99.0	99.	0.0
14 4 31 7	8.7	-.14	.92	1.1	14.	1.1	3.	1.1	2.	1.4	2.	99.0	99.	0.0
14 4 31 8	9.1	-.17	.97	1.2	14.	.3	3.	2.1	2.	1.8	4.	99.0	99.	0.0
14 4 31 9	10.2	-.29	.91	.8	1003.	1.1	3.	2.6	2.	1.8	2.	99.0	99.	0.0
14 4 31 10	10.1	-.19	.90	.8	4.	1.1	1.	2.1	2.	1.4	6.	99.0	99.	0.0
14 4 31 11	10.7	-.22	.92	.5	32.	.7	1.	2.4	2.	2.5	3.	99.0	99.	0.0
14 4 31 12	11.5	-.28	.94	.7	3.	.6	1.	1.4	2.	1.8	2.	99.0	99.	0.0
14 4 31 13	12.6	-.25	.90	1.3	11.	24.0	16.	1.5	4.	1.8	6.	99.0	99.	0.0
14 4 31 14	12.5	-.27	.90	2.3	12.	24.0	16.	1.8	11.	3.5	10.	99.0	99.	0.0
14 4 31 15	13.5	-.34	.88	3.4	12.	18.0	16.	2.4	13.	4.9	12.	99.0	99.	0.0
14 4 31 16	13.9	-.42	.86	4.3	13.	18.0	19.	3.0	13.	5.3	12.	99.0	99.	0.0
14 4 31 17	14.0	-.42	.85	3.9	13.	18.0	20.	3.1	14.	7.0	12.	99.0	99.	0.0
14 4 31 18	13.0	-.54	.85	3.0	17.	18.0	17.	3.8	16.	7.0	13.	99.0	99.	0.0
14 4 31 19	11.8	-.19	.98	2.5	14.	18.0	34.	2.6	17.	5.6	12.	99.0	99.	0.0
14 4 31 20	11.1	-.00	1.00	1.6	13.	16.0	20.	2.2	14.	3.9	13.	99.0	99.	0.0
14 4 31 21	10.9	-.04	1.00	1.1	16.	18.0	20.	1.7	16.	3.5	13.	99.0	99.	0.0
14 4 31 22	10.9	-.02	1.00	.5	15.	16.0	30.	1.2	13.	2.5	13.	99.0	99.	0.0
14 4 31 23	10.5	.01	.99	.5	1005.	12.0	32.	.7	24.	1.4	11.	99.0	99.	0.0
14 4 31 24	9.9	.05	.99	.7	1028.	16.0	28.	1.1	24.	1.8	0.	99.0	99.	0.0
15 4 31 1	9.0	.77	.99	2.0	30.	.6	17.	.7	16.	1.4	0.	99.0	99.	0.0
15 4 31 2	8.7	1.20	.92	3.0	31.	1.1	34.	.8	2.	1.8	4.	99.0	99.	0.0
15 4 31 3	10.1	.72	.78	3.9	30.	.9	12.	.8	2.	1.8	18.	99.0	99.	0.0
15 4 31 4	10.6	.60	.74	3.2	31.	.7	16.	.5	9.	1.8	29.	99.0	99.	0.0
15 4 31 5	12.2	.39	.67	3.3	31.	.5	16.	.6	3.	2.1	9.	99.0	99.	0.0
15 4 31 6	14.7	-.24	.60	4.1	31.	.6	20.	.7	2.	2.1	32.	99.0	99.	0.0
15 4 31 7	17.1	-.57	.55	3.6	31.	.6	16.	2.6	25.	4.9	31.	99.0	99.	0.0
15 4 31 8	17.0	-.38	.53	4.1	31.	.7	32.	3.2	27.	5.6	31.	99.0	99.	0.0
15 4 31 9	18.1	-.49	.50	4.6	31.	2.8	32.	3.7	29.	6.7	32.	99.0	99.	0.0
15 4 31 10	20.2	-.79	.46	4.0	32.	5.4	31.	3.1	28.	6.0	33.	99.0	99.	0.0
15 4 31 11	21.2	-.77	.42	2.1	35.	5.4	31.	2.8	2.	4.2	4.	99.0	99.	0.0
15 4 31 12	17.7	-.27	.58	2.7	17.	5.2	30.	2.6	10.	6.0	13.	99.0	99.	0.0
15 4 31 13	18.3	-.50	.53	3.1	17.	2.7	32.	3.6	16.	5.6	15.	99.0	99.	0.0
15 4 31 14	16.0	-.15	.78	2.6	10.	1.7	29.	2.6	14.	4.2	9.	99.0	99.	0.0
15 4 31 15	17.6	-.25	.75	1.6	12.	3.8	19.	1.7	12.	2.5	10.	99.0	99.	0.0
15 4 31 16	17.5	-.19	.72	2.2	14.	2.8	20.	2.1	14.	2.1	12.	99.0	99.	0.0
15 4 31 17	16.7	-.24	.72	3.2	19.	2.9	16.	2.8	15.	3.2	39.	99.0	99.	0.0
15 4 31 18	17.0	-.38	.69	2.4	15.	3.1	17.	2.4	16.	3.5	34.	99.0	99.	0.0
15 4 31 19	16.2	-.50	.83	2.6	12.	2.9	18.	2.2	14.	4.6	13.	99.0	99.	0.0
15 4 31 20	13.7	-.04	.95	2.3	12.	2.3	20.	2.2	13.	3.5	12.	99.0	99.	0.0
15 4 31 21	12.7	.08	.99	2.4	12.	3.1	18.	1.7	12.	3.5	12.	99.0	99.	0.0
15 4 31 22	12.2	.31	.98	2.2	12.	1.7	18.	1.5	12.	2.5	13.	99.0	99.	0.0
15 4 31 23	12.2	.50	.96	.7	10.	1.5	18.	.6	4.	2.1	33.	99.0	99.	0.0
15 4 31 24	12.2	.33	.95	.8	1011.	1.5	14.	1.4	2.	2.8	33.	99.0	99.	0.0

	T-AS	DT-AS	RI-AS	F-AS	D-AS	F-INT	D-INT	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
16 6 81 1	11.7	.24	.95	1.8	1.	1.1	32.	3.7	2.	5.5	35.	99.0	99.	0.0
16 6 81 2	11.4	.14	.92	3.1	35.	2.5	32.	2.6	30.	6.4	35.	99.0	99.	1.0
16 6 81 3	10.5	.11	.95	4.1	52.	1.2	24.	2.5	26.	3.0	30.	99.0	99.	.1
16 6 81 4	10.2	.06	.98	5.6	32.	2.9	30.	2.1	32.	3.2	30.	99.0	99.	.6
16 6 81 5	10.1	.05	1.00	3.1	32.	2.0	31.	1.7	24.	3.5	30.	99.0	99.	4.8
16 6 81 6	10.0	0.00	1.00	5.3	34.	1.4	31.	2.4	32.	4.2	31.	99.0	99.	3.5
16 6 81 7	9.9	-.02	.99	4.1	35.	2.5	34.	2.5	2.	4.6	32.	99.0	99.	5.6
16 6 81 8	10.8	-.08	.94	3.4	35.	2.4	32.	3.4	2.	4.6	32.	99.0	99.	.1
16 6 81 9	11.4	-.12	.95	2.5	34.	1.8	30.	2.1	2.	5.6	33.	99.0	99.	.1
16 6 81 10	13.8	-.42	.88	2.7	32.	2.6	29.	3.7	32.	5.3	35.	99.0	99.	0.0
16 6 81 11	15.0	-.57	.83	2.6	33.	2.8	2.	2.5	29.	4.2	33.	99.0	99.	0.0
16 6 81 12	17.0	-.56	.72	2.4	34.	2.9	3.	5.8	2.	4.6	33.	99.0	99.	0.0
16 6 81 13	18.3	-.51	.64	2.7	34.	3.3	2.	3.2	32.	5.3	34.	99.0	99.	0.0
16 6 81 14	15.0	-.17	.79	5.2	1012.	4.2	36.	5.6	32.	4.6	33.	99.0	99.	4.0
16 6 81 15	13.2	-.05	.71	1.5	13.	4.0	36.	2.9	16.	4.2	14.	99.0	99.	.6
16 6 81 16	13.8	-.14	.90	1.7	31.	2.8	8.	1.3	24.	3.2	28.	99.0	99.	0.0
16 6 81 17	16.4	-.57	.77	2.4	32.	3.5	32.	2.1	32.	4.0	32.	99.0	99.	0.0
16 6 81 18	16.5	-.37	.71	2.7	32.	3.2	34.	2.7	32.	5.3	32.	99.0	99.	0.0
16 6 81 19	14.3	-.05	.81	3.5	34.	2.8	34.	4.2	31.	5.6	34.	99.0	99.	0.0
16 6 81 20	13.1	-.19	.90	2.4	5.	3.3	35.	3.4	32.	3.9	33.	99.0	99.	3.2
16 6 81 21	12.3	.53	.92	3.1	34.	3.7	35.	2.8	2.	3.9	32.	99.0	99.	0.0
16 6 81 22	12.3	.24	.93	2.5	34.	3.4	35.	3.1	2.	3.9	30.	99.0	99.	0.0
16 6 81 23	12.0	.31	.95	2.2	33.	3.2	32.	2.4	2.	3.5	30.	99.0	99.	0.0
16 6 81 24	11.9	.23	.95	2.7	35.	2.7	34.	2.6	2.	3.9	32.	99.0	99.	0.0
17 6 81 1	12.0	.15	.93	2.8	2.	2.6	34.	3.7	2.	3.9	32.	99.0	99.	0.0
17 6 81 2	11.5	.23	.95	2.4	2.	2.1	32.	3.9	2.	3.9	2.	99.0	99.	0.0
17 6 81 3	11.6	.15	.95	2.5	2.	1.2	32.	3.8	2.	3.5	1.	99.0	99.	0.0
17 6 81 4	11.7	.09	.94	2.9	2.	2.3	34.	3.3	2.	3.5	1.	99.0	99.	0.0
17 6 81 5	12.3	-.03	.91	2.2	0.	2.6	36.	1.9	1.	3.5	32.	99.0	99.	0.0
17 6 81 6	12.8	-.16	.89	2.0	36.	2.5	36.	2.6	2.	5.3	33.	99.0	99.	0.0
17 6 81 7	13.0	-.21	.86	2.5	36.	3.4	34.	3.1	2.	5.6	33.	99.0	99.	0.0
17 6 81 8	13.4	-.28	.84	2.2	35.	3.5	2.	3.7	2.	5.3	33.	99.0	99.	0.0
17 6 81 9	13.7	-.16	.78	2.7	3.	4.5	2.	3.7	1.	5.3	33.	99.0	99.	0.0
17 6 81 10	14.0	-.19	.74	3.3	1.	3.5	3.	4.1	1.	5.3	36.	99.0	99.	0.0
17 6 81 11	15.2	-.34	.70	3.7	3.	3.7	2.	5.1	2.	4.9	3.	99.0	99.	0.0
17 6 81 12	14.5	-.25	.70	4.4	2.	3.5	2.	3.1	3.	5.3	3.	99.0	99.	0.0
17 6 81 13	16.4	-.43	.64	3.8	2.	2.5	3.	3.7	2.	3.9	4.	99.0	99.	0.0
17 6 81 14	13.4	-.45	.59	3.5	1.	2.5	4.	3.9	3.	3.5	3.	99.0	99.	0.0
17 6 81 15	12.5	-.37	.57	3.3	5.	2.2	4.	4.2	2.	3.5	3.	99.0	99.	0.0
17 6 81 16	12.8	-.56	.51	3.0	4.	2.3	4.	4.5	3.	3.9	4.	99.0	99.	0.0
17 6 81 17	12.4	-.39	.53	2.4	7.	2.8	4.	3.9	3.	3.5	6.	99.0	99.	0.0
17 6 81 18	12.1	-.17	.54	2.0	8.	2.4	12.	3.4	6.	3.2	10.	99.0	99.	0.0
17 6 81 19	14.5	-.12	.57	1.9	10.	3.4	11.	2.3	6.	3.2	9.	99.0	99.	0.0
17 6 81 20	15.0	.05	.68	1.4	12.	2.9	11.	2.4	3.	2.1	0.	99.0	99.	0.0
17 6 81 21	13.8	.09	.70	.6	1023.	2.0	10.	1.1	8.	2.1	23.	99.0	99.	0.0
17 6 81 22	13.0	.34	.72	2.4	7.	1.4	9.	2.1	4.	2.1	13.	99.0	99.	0.0
17 6 81 23	12.6	.24	.68	1.8	5.	2.7	8.	3.9	2.	3.2	3.	99.0	99.	0.0
17 6 81 24	11.6	.18	.68	2.3	5.	2.1	8.	5.6	2.	6.0	3.	99.0	99.	0.0
18 6 81 1	11.3	.12	.64	3.5	3.	1.4	4.	4.9	2.	4.6	3.	99.0	99.	0.0
18 6 81 2	10.9	.05	.63	4.0	3.	1.9	6.	5.4	3.	6.0	4.	99.0	99.	0.0
18 6 81 3	10.2	.03	.64	4.5	3.	2.1	4.	8.2	2.	7.4	3.	99.0	99.	0.0
18 6 81 4	9.5	.02	.64	4.2	2.	3.2	3.	7.4	2.	4.9	2.	99.0	99.	0.0
18 6 81 5	9.0	.07	.63	4.4	2.	2.9	2.	5.6	2.	4.2	2.	99.0	99.	0.0
18 6 81 6	8.8	-.05	.62	3.2	7.	3.1	3.	6.2	2.	5.4	3.	99.0	99.	0.0
18 6 81 7	9.2	-.14	.58	3.5	4.	2.3	3.	5.9	2.	6.0	3.	99.0	99.	0.0
18 6 81 8	10.5	-.25	.54	4.3	4.	2.0	4.	5.4	2.	4.9	4.	99.0	99.	0.0
18 6 81 9	11.6	-.27	.49	3.7	5.	2.1	4.	4.9	3.	3.9	6.	99.0	99.	0.0
18 6 81 10	14.2	-.59	.44	2.8	4.	2.1	4.	3.4	2.	3.2	7.	99.0	99.	0.0
18 6 81 11	15.2	-.60	.44	2.4	5.	2.3	4.	2.3	2.	2.9	11.	99.0	99.	0.0
18 6 81 12	17.1	-.75	.42	1.4	1003.	1.8	32.	2.1	2.	2.1	13.	99.0	99.	0.0
18 6 81 13	17.9	-.73	.40	1.3	26.	1.7	12.	2.2	4.	1.3	12.	99.0	99.	0.0
18 6 81 14	17.4	-.83	.43	2.0	1019.	2.4	16.	1.6	18.	3.5	12.	99.0	99.	0.0
18 6 81 15	16.3	-.87	.48	2.9	18.	1.3	12.	4.8	17.	6.0	14.	99.0	99.	0.0
18 6 81 16	16.9	-.93	.44	2.8	20.	3.2	12.	3.7	17.	6.0	13.	99.0	99.	0.0
18 6 81 17	16.7	-.81	.44	2.4	13.	3.4	20.	3.4	16.	6.7	13.	99.0	99.	0.0
18 6 81 18	15.3	-.51	.48	2.2	17.	3.7	17.	3.2	16.	6.3	13.	99.0	99.	0.0
18 6 81 19	13.7	-.24	.52	2.7	15.	4.2	17.	2.8	16.	4.6	13.	99.0	99.	0.0
18 6 81 20	12.0	.14	.55	2.3	14.	3.2	16.	2.3	16.	3.9	13.	99.0	99.	0.0
18 6 81 21	11.4	.29	.61	2.0	17.	2.8	16.	2.1	16.	3.5	14.	99.0	99.	0.0
18 6 81 22	11.0	.24	.65	1.8	16.	2.4	13.	1.6	16.	3.2	13.	99.0	99.	0.0
18 6 81 23	9.9	.61	.75	1.4	15.	2.3	12.	1.9	14.	1.9	0.	99.0	99.	0.0
18 6 81 24	8.8	.49	.79	.6	17.	.7	12.	1.5	2.	1.4	32.	99.0	99.	0.0

	T-AS	DT-AS	RU-AS	F-AS	D-AS	F-UNI	D-UNI	F-HEV	D-HEV	F-RA	D-RA	F-SA	D-SA	P-TA
19 6 31 1	8.5	.32	.80	.4	10.	.7	32.	.2	2.	1.9	7.	99.0	99.	0.0
19 6 31 2	7.9	1.09	.49	.2	34.	.6	27.	.7	4.	2.1	32.	99.0	99.	0.0
19 6 31 3	6.7	1.29	.79	2.2	35.	.3	26.	1.1	2.	2.1	32.	99.0	99.	0.0
19 6 31 4	6.9	.77	.97	2.2	32.	1.3	34.	1.1	2.	2.5	32.	99.0	99.	0.0
19 6 31 5	9.1	-.04	.37	1.4	32.	.5	32.	1.1	3.	2.5	32.	99.0	99.	0.0
19 6 31 6	12.4	.02	.72	.5	1093.	.3	14.	.3	3.	1.4	2.	99.0	99.	0.0
19 6 31 7	14.7	-.32	.62	.4	13.	.3	14.	.7	4.	1.1	4.	99.0	99.	0.0
19 6 31 8	14.2	-.22	.69	2.2	13.	.4	14.	.9	6.	1.3	6.	99.0	99.	0.0
19 6 31 9	14.2	-.29	.77	3.4	13.	1.7	16.	2.1	16.	4.9	10.	99.0	99.	0.0
19 6 31 10	14.7	-.49	.92	3.9	13.	2.4	16.	3.1	15.	7.0	13.	99.0	99.	0.0
19 6 31 11	15.0	-.44	.78	2.7	15.	4.1	17.	3.4	14.	7.4	13.	99.0	99.	0.0
19 6 31 12	15.4	-.61	.68	3.3	17.	3.9	16.	3.4	16.	7.7	13.	99.0	99.	0.0
19 6 31 13	14.3	-.73	.64	3.4	17.	5.4	14.	4.3	17.	9.1	13.	99.0	99.	0.0
19 6 31 14	16.1	-.84	.65	3.4	19.	5.1	16.	4.4	17.	7.0	15.	99.0	99.	0.0
19 6 31 15	15.9	-.92	.71	3.2	17.	4.4	14.	4.7	17.	7.7	13.	99.0	99.	0.0
19 6 31 16	14.8	-.67	.75	3.3	15.	5.2	16.	4.2	17.	9.4	13.	99.0	99.	0.0
19 6 31 17	13.5	-.38	.89	3.4	14.	4.9	17.	3.1	14.	7.7	13.	99.0	99.	0.0
19 6 31 18	12.5	-.29	.93	3.5	16.	3.3	16.	4.4	14.	7.0	14.	99.0	99.	0.0
19 6 31 19	12.0	-.19	.97	2.4	14.	3.8	16.	2.8	14.	4.9	14.	99.0	99.	0.0
19 6 31 20	11.2	-.03	.91	2.5	14.	3.5	15.	2.4	16.	4.2	14.	99.0	99.	0.0
19 6 31 21	10.4	-.01	.93	2.2	16.	4.1	13.	2.1	14.	3.9	14.	99.0	99.	0.0
19 6 31 22	10.1	-.02	.94	1.8	16.	2.6	13.	2.1	14.	3.2	14.	99.0	99.	0.0
19 6 31 23	10.0	.03	.93	1.5	15.	2.5	13.	1.9	14.	2.8	14.	99.0	99.	0.0
19 6 31 24	10.0	.03	.93	1.7	14.	2.7	12.	1.5	13.	2.5	13.	99.0	99.	0.0
20 6 31 1	9.8	-.09	.93	1.8	9.	2.2	11.	2.2	6.	2.8	11.	99.0	99.	0.0
20 6 31 2	9.3	-.01	.93	2.0	11.	2.3	12.	1.8	8.	2.8	10.	99.0	99.	0.0
20 6 31 3	9.5	-.01	.93	1.3	10.	2.1	12.	2.1	4.	2.8	11.	99.0	99.	0.0
20 6 31 4	9.4	-.02	.95	1.4	2.	1.8	12.	2.5	4.	3.2	7.	99.0	99.	0.0
20 6 31 5	9.2	-.04	.98	1.9	4.	1.1	11.	2.6	4.	2.8	6.	99.0	99.	.4
20 6 31 6	9.1	-.03	1.00	1.3	6.	.7	14.	4.0	4.	4.2	6.	99.0	99.	.9
20 6 31 7	9.2	-.07	.99	2.0	2.	1.3	10.	4.3	2.	4.2	3.	99.0	99.	1.3
20 6 31 8	9.1	-.03	.98	2.4	3.	1.3	10.	3.5	2.	3.9	2.	99.0	99.	1.1
20 6 31 9	9.4	-.17	.94	2.7	2.	2.2	34.	3.9	2.	5.4	34.	99.0	99.	1.1
20 6 31 10	9.8	-.22	.94	3.4	1.	4.9	34.	5.0	1.	7.0	35.	99.0	99.	0.0
20 6 31 11	9.8	-.29	.90	4.1	36.	4.6	2.	4.5	1.	6.7	35.	99.0	99.	.4
20 6 31 12	9.7	-.27	.98	4.1	34.	3.3	2.	3.9	1.	6.0	33.	99.0	99.	0.0
20 6 31 13	10.7	-.24	.91	3.2	0.	4.1	2.	4.5	1.	5.4	34.	99.0	99.	0.0
20 6 31 14	12.7	-.35	.69	3.4	1.	3.6	34.	6.0	1.	6.3	2.	99.0	99.	0.0
20 6 31 15	13.2	-.24	.61	4.7	3.	4.7	34.	6.4	1.	6.3	2.	99.0	99.	0.0
20 6 31 16	14.1	-.27	.56	3.8	3.	3.4	34.	5.3	2.	6.0	3.	99.0	99.	0.0
20 6 31 17	12.9	-.05	.59	3.7	4.	2.3	34.	4.7	4.	6.0	4.	99.0	99.	0.0
20 6 31 18	13.2	-.05	.57	3.0	5.	2.1	10.	5.1	3.	6.0	5.	99.0	99.	0.0
20 6 31 19	12.1	.01	.66	2.4	7.	1.6	9.	3.4	4.	3.5	6.	99.0	99.	0.0
20 6 31 20	11.2	.09	.76	2.0	7.	2.2	10.	2.5	5.	1.8	10.	99.0	99.	0.0
20 6 31 21	10.9	.18	.78	2.2	3.	1.9	9.	2.4	3.	2.8	12.	99.0	99.	0.0
20 6 31 22	10.5	.22	.75	2.5	1.	1.4	9.	2.3	2.	3.2	3.	99.0	99.	0.0
20 6 31 23	10.3	.27	.75	2.9	1.	1.7	4.	2.3	1.	4.9	33.	99.0	99.	.1
20 6 31 24	10.5	.19	.68	3.7	1.	1.7	4.	4.1	1.	6.3	36.	99.0	99.	0.0
21 6 31 1	10.3	.14	.63	3.3	1.	2.8	3.	4.1	1.	7.0	11.	99.0	99.	0.0
21 6 31 2	9.8	.14	.59	3.3	1.	2.9	36.	5.2	1.	6.7	11.	99.0	99.	0.0
21 6 31 3	9.4	.11	.56	4.7	0.	3.4	36.	5.4	1.	7.0	10.	99.0	99.	0.0
21 6 31 4	9.0	.09	.55	5.5	2.	5.3	33.	4.6	1.	7.0	6.	99.0	99.	0.0
21 6 31 5	8.8	.05	.54	4.3	1.	5.0	33.	5.3	1.	7.0	5.	99.0	99.	0.0
21 6 31 6	9.9	-.15	.53	4.4	2.	4.8	34.	5.4	1.	6.0	6.	99.0	99.	0.0
21 6 31 7	11.3	-.29	.49	5.2	2.	3.9	34.	6.7	2.	6.7	3.	99.0	99.	0.0
21 6 31 8	12.8	-.42	.47	4.4	3.	3.1	4.	6.2	2.	6.7	2.	99.0	99.	0.0
21 6 31 9	13.4	-.45	.44	4.3	3.	3.4	8.	5.9	2.	6.0	34.	99.0	99.	0.0
21 6 31 10	14.9	-.51	.43	4.1	1.	3.3	6.	5.9	2.	5.3	35.	99.0	99.	0.0
21 6 31 11	15.4	-.54	.40	3.7	1.	3.9	2.	4.8	2.	4.6	35.	99.0	99.	0.0
21 6 31 12	16.5	-.65	.37	3.1	1.	3.4	2.	4.4	2.	3.5	33.	99.0	99.	0.0
21 6 31 13	17.0	-.65	.37	2.4	0.	3.0	36.	2.9	2.	2.5	34.	99.0	99.	0.0
21 6 31 14	19.9	-.99	.32	2.4	34.	3.4	32.	2.4	6.	1.4	34.	99.0	99.	0.0
21 6 31 15	19.1	-1.12	.29	1.8	30.	2.3	30.	2.1	3.	1.8	2.	99.0	99.	0.0
21 6 31 16	19.5	-1.04	.27	1.7	1032.	2.1	29.	2.1	4.	1.8	3.	99.0	99.	0.0
21 6 31 17	19.0	-.72	.27	1.4	1014.	1.8	8.	1.8	2.	2.1	5.	99.0	99.	0.0
21 6 31 18	16.7	-.42	.44	2.3	16.	1.9	9.	2.4	17.	4.6	4.	99.0	99.	0.0
21 6 31 19	15.5	-.35	.47	2.3	17.	2.8	16.	1.6	13.	4.2	7.	99.0	99.	0.0
21 6 31 20	13.4	-.17	.54	1.3	14.	3.1	21.	1.9	18.	3.5	10.	99.0	99.	0.0
21 6 31 21	11.5	.24	.69	1.7	22.	1.3	21.	2.3	20.	3.2	0.	99.0	99.	0.0
21 6 31 22	10.7	.22	.73	1.4	24.	.5	27.	1.6	25.	2.1	2.	99.0	99.	0.0
21 6 31 23	9.2	.82	.90	2.2	33.	.7	24.	1.4	2.	1.8	34.	99.0	99.	0.0
21 6 31 24	7.8	1.26	.92	2.4	34.	1.4	34.	1.8	2.	2.1	1.	99.0	99.	0.0

	T-AS	DT-MS	R-I-AS	F-AS	D-MS	F-UNI	D-UNI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
22	6 31 1	7.5	1.02	.93	2.4	34.	1.5	34.	1.9	2.	1.8	35.	99.0	99.	0.0
22	6 31 2	6.4	1.03	.90	2.0	33.	1.1	30.	1.4	3.	1.4	35.	99.0	99.	0.0
22	6 31 3	6.0	.97	.97	1.8	34.	.7	34.	1.5	1.	1.8	1.	99.0	99.	0.0
22	6 31 4	6.9	.44	.92	2.1	34.	.7	24.	1.9	2.	2.5	35.	99.0	99.	0.0
22	6 31 5	8.9	-.34	.82	1.7	34.	1.1	34.	2.1	2.	2.5	34.	99.0	99.	0.0
22	6 31 6	11.0	-.57	.71	1.5	34.	.5	32.	1.7	2.	2.1	1.	99.0	99.	0.0
22	6 31 7	14.0	-.46	.44	.8	33.	.5	32.	1.5	3.	1.8	2.	99.0	99.	0.0
22	6 31 8	16.6	-.58	.57	1.1	19.	.4	20.	1.1	4.	2.1	2.	99.0	99.	0.0
22	6 31 9	16.0	-.42	.54	2.6	14.	2.1	15.	1.9	15.	6.0	2.	99.0	99.	0.0
22	6 31 10	14.4	-.53	.55	3.1	14.	3.0	16.	3.2	15.	7.0	2.	99.0	99.	0.0
22	6 31 11	16.6	-.53	.54	3.3	14.	4.3	14.	3.1	16.	7.7	1.	99.0	99.	0.0
22	6 31 12	17.8	-.48	.49	3.5	17.	5.0	16.	3.4	16.	7.4	2.	99.0	99.	0.0
22	6 31 13	17.6	-.60	.54	3.1	17.	5.2	17.	3.4	17.	7.0	4.	99.0	99.	0.0
22	6 31 14	17.0	-.59	.57	3.7	18.	5.7	16.	3.8	16.	7.4	12.	99.0	99.	0.0
22	6 31 15	17.0	-.58	.58	3.8	18.	5.1	16.	4.8	17.	6.3	13.	99.0	99.	0.0
22	6 31 16	16.6	-.47	.58	4.1	18.	4.4	16.	3.8	16.	5.6	11.	99.0	99.	0.0
22	6 31 17	16.5	-.42	.59	3.3	19.	4.9	17.	3.6	16.	6.0	11.	99.0	99.	0.0
22	6 31 18	16.1	-.31	.60	2.8	19.	4.1	17.	3.5	18.	4.2	15.	99.0	99.	0.0
22	6 31 19	16.2	-.39	.60	2.3	19.	3.6	17.	2.2	16.	3.9	14.	99.0	99.	0.0
22	6 31 20	14.3	-.02	.75	2.2	13.	1.9	16.	2.1	16.	2.8	19.	99.0	99.	0.0
22	6 31 21	12.4	.39	.90	2.2	13.	1.6	16.	2.6	14.	3.2	23.	99.0	99.	0.0
22	6 31 22	11.6	.43	.94	2.0	14.	2.1	14.	1.9	14.	2.8	27.	99.0	99.	0.0
22	6 31 23	11.5	.37	.74	2.5	15.	1.9	13.	2.3	16.	2.8	31.	99.0	99.	0.0
22	6 31 24	11.3	.37	.76	2.4	14.	1.5	12.	1.9	16.	1.4	32.	99.0	99.	0.0
23	6 31 1	10.8	.29	.98	1.6	15.	.6	14.	1.8	15.	1.4	33.	99.0	99.	0.0
23	6 31 2	10.6	.44	.90	1.1	15.	.4	24.	1.5	15.	1.4	32.	99.0	99.	0.0
23	6 31 3	10.6	.44	.90	1.5	14.	.4	26.	1.5	2.	1.4	32.	99.0	99.	0.0
23	6 31 4	10.8	.49	.97	2.1	14.	.3	20.	1.1	2.	1.4	32.	99.0	99.	0.0
23	6 31 5	11.5	.25	.92	2.0	15.	.3	21.	1.1	12.	1.4	33.	99.0	99.	0.0
23	6 31 6	12.2	-.05	.79	1.9	14.	.4	19.	1.6	16.	3.5	35.	99.0	99.	0.0
23	6 31 7	13.3	-.15	.91	1.8	15.	1.6	17.	2.0	16.	3.5	7.	99.0	99.	0.0
23	6 31 8	15.3	-.46	.71	2.5	15.	2.1	16.	2.2	16.	7.0	10.	99.0	99.	0.0
23	6 31 9	17.0	-.53	.56	2.9	18.	2.9	17.	2.9	19.	4.6	12.	99.0	99.	0.0
23	6 31 10	17.6	-.64	.47	3.1	20.	3.1	16.	3.8	16.	4.9	13.	99.0	99.	0.0
23	6 31 11	18.5	-.67	.47	3.4	17.	4.1	16.	4.4	16.	6.0	13.	99.0	99.	0.0
23	6 31 12	17.8	-.60	.53	3.8	19.	5.4	16.	4.9	15.	7.0	13.	99.0	99.	0.0
23	6 31 13	17.8	-.59	.57	3.4	18.	5.6	17.	5.0	17.	6.7	14.	99.0	99.	0.0
23	6 31 14	17.8	-.61	.53	3.9	17.	5.6	16.	4.4	16.	6.3	14.	99.0	99.	0.0
23	6 31 15	17.2	-.49	.55	4.1	17.	4.6	17.	4.4	15.	6.3	16.	99.0	99.	0.0
23	6 31 16	15.5	-.23	.53	3.5	19.	5.1	14.	4.1	15.	5.6	17.	99.0	99.	0.0
23	6 31 17	14.7	-.14	.67	3.3	19.	4.4	17.	3.4	16.	5.3	17.	99.0	99.	0.0
23	6 31 18	14.5	-.12	.68	2.9	18.	3.1	17.	2.3	16.	4.2	16.	99.0	99.	0.0
23	6 31 19	14.6	-.08	.68	2.5	20.	3.1	17.	2.1	16.	3.9	17.	99.0	99.	0.0
23	6 31 20	14.1	.02	.68	2.1	19.	2.3	16.	2.3	16.	4.2	15.	99.0	99.	0.0
23	6 31 21	13.2	.12	.70	2.3	19.	2.2	18.	2.2	16.	3.9	13.	99.0	99.	0.0
23	6 31 22	12.3	.25	.70	3.1	20.	1.4	20.	1.4	14.	3.5	13.	99.0	99.	0.0
23	6 31 23	11.9	.22	.75	2.8	20.	1.7	10.	1.8	14.	2.5	14.	99.0	99.	0.0
23	6 31 24	11.5	.20	.88	3.1	20.	1.1	12.	1.6	16.	2.1	38.	99.0	99.	0.0
24	6 31 1	11.3	.18	.92	2.6	21.	2.5	13.	1.7	16.	1.8	0.	99.0	99.	0.0
24	6 31 2	11.5	.11	.97	3.0	20.	1.7	16.	2.1	16.	1.8	33.	99.0	99.	0.0
24	6 31 3	11.3	.09	.85	2.0	22.	1.1	13.	1.5	16.	1.8	0.	99.0	99.	0.0
24	6 31 4	11.1	.16	.84	1.2	15.	.7	17.	2.0	14.	2.5	7.	99.0	99.	0.0
24	6 31 5	11.2	.13	.83	1.0	12.	.3	32.	2.0	13.	2.1	4.	99.0	99.	0.0
24	6 31 6	12.7	.01	.90	1.3	12.	.6	29.	1.3	14.	1.8	12.	99.0	99.	0.0
24	6 31 7	14.2	-.40	.62	.6	17.	.8	32.	1.2	14.	2.1	13.	99.0	99.	0.0
24	6 31 8	16.7	-.55	.54	.8	1014.	.4	30.	1.6	20.	2.1	12.	99.0	99.	0.0
24	6 31 9	16.7	-.35	.61	1.3	12.	1.1	12.	1.6	21.	2.1	16.	99.0	99.	0.0
24	6 31 10	18.4	-.54	.58	1.8	14.	.8	32.	1.6	24.	2.1	16.	99.0	99.	0.0
24	6 31 11	16.9	-.51	.65	3.2	14.	.9	30.	2.4	24.	4.9	18.	99.0	99.	0.0
24	6 31 12	17.9	-.48	.66	3.2	14.	1.6	30.	3.3	17.	5.6	15.	99.0	99.	0.0
24	6 31 13	17.4	-.53	.66	3.5	14.	3.5	20.	3.1	16.	7.0	15.	99.0	99.	0.0
24	6 31 14	17.1	-.39	.55	4.2	13.	4.6	16.	3.4	13.	7.4	16.	99.0	99.	0.0
24	6 31 15	17.7	-.53	.56	3.0	15.	4.4	17.	3.1	14.	6.7	17.	99.0	99.	0.0
24	6 31 16	17.7	-.43	.55	2.8	12.	3.3	17.	2.4	16.	5.6	17.	99.0	99.	0.0
24	6 31 17	17.6	-.35	.57	3.0	12.	3.1	17.	2.4	16.	6.0	18.	99.0	99.	0.0
24	6 31 18	17.2	-.30	.59	3.1	13.	3.1	18.	2.4	14.	6.0	19.	99.0	99.	0.0
24	6 31 19	16.6	-.23	.63	2.4	13.	3.1	19.	2.3	13.	4.9	19.	99.0	99.	0.0
24	6 31 20	14.8	-.05	.71	2.0	14.	3.5	19.	2.1	14.	3.2	17.	99.0	99.	0.0
24	6 31 21	13.0	.40	.85	2.0	14.	2.1	18.	1.8	14.	4.2	19.	99.0	99.	0.0
24	6 31 22	12.0	.67	.93	1.9	13.	.9	14.	1.6	15.	1.4	21.	99.0	99.	0.0
24	6 31 23	11.3	.57	.95	2.7	13.	.4	20.	.9	8.	1.4	21.	99.0	99.	0.0
24	6 31 24	10.4	.59	.97	1.7	13.	.5	32.	1.4	2.	1.8	20.	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			
25	4	31	1	9.5	1.11	1.00	.8	34.	1.1	34.	2.1	2.	1.8	24.	99.0	99.	0.0
25	4	31	2	8.6	1.43	1.00	1.6	35.	.5	28.	1.1	2.	1.8	0.	99.0	99.	0.0
25	4	31	3	8.2	.70	.97	2.2	34.	.6	28.	1.6	2.	2.1	0.	99.0	99.	0.0
25	4	31	4	8.4	.74	.73	3.2	33.	1.1	34.	2.1	2.	2.5	13.	99.0	99.	0.0
25	4	31	5	9.2	-.13	.92	2.3	32.	.9	32.	2.1	2.	2.3	13.	99.0	99.	0.0
25	4	31	6	11.5	-.54	.86	1.9	33.	1.1	30.	2.2	2.	2.5	14.	99.0	99.	0.0
25	4	31	7	14.0	-.61	.77	1.7	34.	1.7	29.	1.7	2.	2.1	1.	99.0	99.	0.0
25	4	31	8	16.0	-.67	.69	1.7	32.	1.7	29.	1.7	2.	1.8	11.	99.0	99.	0.0
25	4	31	9	18.6	-.68	.53	1.7	31.	1.1	29.	1.4	3.	1.4	4.	99.0	99.	0.0
25	4	31	10	19.8	-.31	.50	1.1	30.	.7	28.	1.1	?	1.8	3.	99.0	99.	0.0
25	4	31	11	19.7	-.37	.48	1.2	14.	.4	24.	1.1	20.	2.1	8.	99.0	99.	0.0
25	4	31	12	20.4	-.44	.49	1.5	13.	.9	20.	1.6	20.	2.5	13.	99.0	99.	0.0
25	4	31	13	19.2	-.33	.60	2.0	15.	1.4	20.	2.3	20.	3.5	12.	99.0	99.	0.0
25	4	31	14	21.2	-.64	.55	1.7	18.	2.5	14.	2.7	17.	4.2	12.	99.0	99.	0.0
25	4	31	15	22.8	-.93	.45	1.6	20.	2.6	15.	2.8	17.	4.2	13.	99.0	99.	0.0
25	4	31	16	22.5	-.83	.48	1.6	19.	1.9	16.	2.1	15.	2.8	13.	99.0	99.	0.0
25	4	31	17	23.2	-.97	.44	2.0	21.	2.1	17.	2.9	17.	3.2	13.	99.0	99.	0.0
25	4	31	18	20.8	-.31	.54	2.4	13.	2.3	19.	2.1	16.	3.9	13.	99.0	99.	0.0
25	4	31	19	18.7	-.11	.64	2.4	13.	2.8	18.	2.9	13.	4.2	13.	99.0	99.	0.0
25	4	31	20	17.0	-.02	.68	2.4	2011.	2.4	16.	2.1	10.	3.9	15.	99.0	99.	0.0
25	4	31	21	16.1	.27	.78	1.3	12.	2.1	13.	.9	10.	2.1	14.	99.0	99.	0.0
25	4	31	22	15.4	.62	.66	1.0	2035.	.7	12.	.5	14.	1.9	13.	99.0	99.	0.0
25	4	31	23	15.2	.54	.67	.9	3.	.4	26.	.3	10.	1.4	31.	99.0	99.	0.0
25	4	31	24	20.0	20.00	.26	.4	2001.	.5	29.	.5	9.	1.4	31.	99.0	99.	0.0
26	4	31	1	15.1	.27	.47	99.0	2003.	.8	16.	1.5	6.	1.8	32.	99.0	99.	0.0
26	4	31	2	14.3	.14	.94	2.4	2006.	1.4	28.	2.7	2.	2.5	32.	99.0	99.	0.0
26	4	31	3	13.6	.14	.95	2.4	2007.	1.9	32.	3.9	2.	2.5	32.	99.0	99.	.6
26	4	31	4	13.6	.16	.94	2.2	2000.	3.4	32.	3.0	1.	3.5	31.	99.0	99.	.1
26	4	31	5	13.3	.05	.92	3.4	2000.	4.4	34.	3.5	1.	5.3	32.	99.0	99.	.1
26	4	31	6	13.3	-.03	.88	2.7	33.	4.0	34.	4.1	1.	5.3	32.	99.0	99.	0.0
26	4	31	7	13.4	-.03	.85	4.0	33.	3.4	34.	4.6	1.	5.3	36.	99.0	99.	0.0
26	4	31	8	14.0	-.14	.78	3.3	34.	3.6	33.	3.9	1.	6.0	3.	99.0	99.	.1
26	4	31	9	15.2	-.26	.72	3.2	35.	2.9	34.	4.9	1.	5.6	7.	99.0	99.	0.0
26	4	31	10	16.0	-.34	.69	2.4	34.	2.1	32.	4.3	1.	4.9	10.	99.0	99.	0.0
26	4	31	11	16.8	-.45	.68	2.2	34.	2.1	32.	2.7	1.	4.6	10.	99.0	99.	0.0
26	4	31	12	17.3	-.49	.65	2.6	32.	1.8	29.	2.6	1.	3.9	10.	99.0	99.	0.0
26	4	31	13	17.8	-.35	.64	2.3	29.	2.4	29.	1.9	26.	3.9	12.	99.0	99.	0.0
26	4	31	14	19.7	-.44	.58	2.3	29.	3.1	29.	2.9	24.	2.5	13.	99.0	99.	0.0
26	4	31	15	20.3	-.83	.58	2.4	1031.	1.3	24.	2.1	21.	1.8	13.	99.0	99.	0.0
26	4	31	16	19.3	-.63	.53	3.3	17.	3.4	24.	4.6	17.	3.5	19.	99.0	99.	0.0
26	4	31	17	15.4	-.21	.74	3.3	18.	4.1	18.	3.9	16.	6.7	14.	99.0	99.	0.0
26	4	31	18	15.4	-.23	.71	2.8	17.	3.4	17.	2.9	17.	6.0	12.	99.0	99.	0.0
26	4	31	19	15.3	-.20	.81	2.7	14.	3.9	14.	2.8	14.	3.5	13.	99.0	99.	0.0
26	4	31	20	14.4	-.73	.95	2.2	14.	2.9	13.	2.1	14.	3.9	13.	99.0	99.	0.0
26	4	31	21	13.8	.08	.91	1.9	13.	2.1	12.	2.1	14.	2.8	13.	99.0	99.	0.0
26	4	31	22	13.6	.12	.97	1.9	14.	1.3	12.	2.1	14.	2.8	33.	99.0	99.	0.0
26	4	31	23	13.8	.06	.94	1.8	16.	.9	12.	2.1	14.	1.8	34.	99.0	99.	0.0
26	4	31	24	13.6	.02	.93	2.0	17.	.9	11.	2.1	14.	1.8	15.	99.0	99.	0.0
27	4	31	1	13.2	.19	.92	1.4	17.	.7	13.	1.7	14.	1.8	33.	99.0	99.	0.0
27	4	31	2	12.9	.12	.94	1.9	12.	1.8	12.	1.5	12.	2.5	3.	99.0	99.	0.0
27	4	31	3	12.6	-.02	.88	3.9	8.	4.1	12.	4.9	9.	4.6	3.	99.0	99.	0.0
27	4	31	4	9.9	-.02	.77	5.4	7.	2.1	12.	5.2	4.	4.9	33.	99.0	99.	0.0
27	4	31	5	9.1	-.02	.78	3.1	8.	1.4	12.	5.4	3.	4.6	33.	99.0	99.	0.0
27	4	31	6	8.9	-.03	.74	2.9	7.	1.1	12.	5.9	3.	4.9	33.	99.0	99.	0.0
27	4	31	7	9.2	-.11	.73	3.0	7.	2.1	30.	6.4	3.	4.2	33.	99.0	99.	0.0
27	4	31	8	8.9	-.06	.71	2.4	7.	2.1	32.	5.4	3.	3.9	33.	99.0	99.	0.0
27	4	31	9	8.9	-.06	.73	2.5	4.	1.7	16.	5.2	2.	4.6	33.	99.0	99.	0.0
27	4	31	10	7.9	-.08	.77	2.5	4.	1.9	8.	4.8	2.	3.9	34.	99.0	99.	0.0
27	4	31	11	7.4	-.12	.71	2.5	4.	1.6	4.	4.2	2.	3.9	33.	99.0	99.	1.3
27	4	31	12	7.8	-.11	.93	2.4	3.	1.5	4.	4.8	2.	4.6	33.	99.0	99.	.8
27	4	31	13	8.6	-.14	.93	2.1	2.	1.2	3.	4.6	2.	4.9	32.	99.0	99.	.9
27	4	31	14	8.3	-.14	.98	1.6	2.	1.2	3.	4.1	1.	4.6	4.	99.0	99.	.3
27	4	31	15	8.1	-.09	.99	1.9	2.	1.1	3.	3.6	1.	3.5	11.	99.0	99.	.3
27	4	31	16	7.9	-.20	.99	1.8	0.	1.2	16.	4.3	2.	3.2	15.	99.0	99.	0.0
27	4	31	17	8.0	-.19	1.00	2.3	1.	1.4	16.	4.3	1.	3.2	16.	99.0	99.	0.0
27	4	31	18	8.2	-.03	1.00	2.0	1.	1.7	32.	3.6	2.	2.5	14.	99.0	99.	0.0
27	4	31	19	8.4	-.04	1.00	2.3	0.	1.7	33.	2.4	2.	2.8	15.	99.0	99.	1.3
27	4	31	20	8.5	-.05	1.00	2.1	36.	1.9	34.	2.3	2.	3.2	13.	99.0	99.	.9
27	4	31	21	8.6	-.03	1.00	2.9	35.	1.3	32.	2.1	2.	3.9	13.	99.0	99.	.6
27	4	31	22	8.7	-.01	1.00	2.8	36.	1.3	30.	2.1	2.	4.6	13.	99.0	99.	.2
27	4	31	23	8.7	-.02	.99	2.9	35.	1.2	30.	2.4	2.	4.2	12.	99.0	99.	.3
27	4	31	24	8.7	-.00	.99	2.2	34.	1.5	32.	1.4	2.	3.2	13.	99.0	99.	1.4

	T-LS	DT-RS	HH-RS	F-RS	D-RS	F-HHI	D-HHI	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	HT-RS
29 6 21 1	9.7	-.00	.99	2.1	32.	3.0	29.	2.2	26.	3.5	14.	99.0	99.	0.0
29 6 21 2	9.7	-.01	.99	2.4	32.	1.6	29.	2.7	2.	3.5	13.	99.0	99.	1.1
29 6 21 3	9.8	-.01	.99	2.0	32.	1.1	29.	1.6	2.	2.9	11.	99.0	99.	0.9
29 6 21 4	9.0	-.05	.98	1.5	31.	1.1	29.	1.4	2.	2.1	8.	99.0	99.	0.0
29 6 21 5	9.3	-.05	.96	1.7	30.	1.1	29.	.9	2.	2.1	8.	99.0	99.	0.0
29 6 21 6	9.5	-.07	.96	1.0	32.	.6	27.	1.7	3.	1.9	7.	99.0	99.	0.0
29 6 21 7	9.8	-.05	.94	.6	1012.	.8	29.	.9	3.	1.4	6.	99.0	99.	0.1
29 6 21 8	10.0	-.02	.97	1.0	29.	.7	29.	.6	29.	1.4	6.	99.0	99.	0.5
29 6 21 9	10.9	-.14	.77	.9	32.	.4	24.	1.1	3.	1.4	5.	99.0	99.	0.9
29 6 21 10	12.9	-.24	.71	.9	1019.	.4	20.	.9	6.	1.8	4.	99.0	99.	0.9
29 6 21 11	13.5	-.49	.45	2.0	27.	1.1	13.	1.3	16.	1.8	0.	99.0	99.	0.7
29 6 21 12	13.9	-.53	.90	2.5	19.	1.9	16.	2.8	17.	3.5	0.	99.0	99.	0.1
29 6 21 13	13.6	-.41	.76	3.2	19.	2.8	20.	2.5	17.	3.9	0.	99.0	99.	0.7
29 6 21 14	15.3	-.62	.67	2.7	19.	3.1	19.	2.9	17.	4.2	0.	99.0	99.	0.0
29 6 21 15	14.2	-.74	.57	2.4	17.	2.8	17.	2.1	16.	4.6	1.	99.0	99.	0.0
29 6 21 16	14.6	-.64	.69	3.3	17.	3.9	17.	3.1	16.	6.0	2.	99.0	99.	0.0
29 6 21 17	14.1	-.43	.72	3.0	18.	4.9	16.	3.1	16.	5.6	1.	99.0	99.	0.0
29 6 21 18	13.2	-.77	.78	2.7	19.	4.0	17.	2.6	15.	3.9	2.	99.0	99.	0.0
29 6 21 19	12.5	-.15	.79	1.9	17.	3.1	16.	2.1	16.	3.5	33.	99.0	99.	0.0
29 6 21 20	12.1	-.05	.83	1.6	17.	2.3	13.	1.7	14.	.4	33.	99.0	99.	0.0
29 6 21 21	11.5	-.17	.97	1.1	16.	1.7	12.	1.9	14.	.4	33.	99.0	99.	0.0
29 6 21 22	10.1	.38	.99	2.4	19.	1.6	12.	1.6	14.	3.2	33.	99.0	99.	0.0
29 6 21 23	10.0	.31	.92	2.5	21.	.5	12.	1.4	14.	2.1	33.	99.0	99.	0.0
29 6 21 24	9.7	.27	.74	1.8	21.	.5	24.	1.6	14.	1.8	33.	99.0	99.	0.0
29 6 21 1	9.3	.34	.95	1.3	25.	.9	20.	1.6	2.	1.8	37.	99.0	99.	0.0
29 6 21 2	8.6	.45	.97	.5	1029.	.5	12.	2.1	2.	1.4	32.	99.0	99.	0.0
29 6 21 3	8.5	.59	.79	.9	2.	.3	16.	1.9	2.	1.8	31.	99.0	99.	0.0
29 6 21 4	9.9	.51	1.00	1.3	34.	.9	32.	2.4	2.	1.9	31.	99.0	99.	0.0
29 6 21 5	9.1	.19	.98	1.4	34.	.9	31.	2.3	2.	2.1	32.	99.0	99.	0.0
29 6 21 6	9.4	-.07	.94	1.9	34.	1.4	32.	2.2	2.	2.5	33.	99.0	99.	0.0
29 6 21 7	10.2	-.14	.91	1.9	34.	.9	30.	2.4	2.	2.5	34.	99.0	99.	0.0
29 6 21 8	11.2	-.14	.93	1.7	1.	1.3	29.	2.1	2.	1.8	3.	99.0	99.	0.0
29 6 21 9	11.3	-.07	.94	1.5	3.	.7	29.	2.4	1.	2.9	2.	99.0	99.	.8
29 6 21 10	11.7	-.13	.92	1.6	2.	1.1	30.	3.6	1.	3.5	10.	99.0	99.	.4
29 6 21 11	12.5	-.22	.87	2.7	1.	1.5	9.	4.8	2.	4.4	9.	99.0	99.	.1
29 6 21 12	12.8	-.21	.84	2.3	3.	2.9	8.	5.9	3.	5.3	17.	99.0	99.	0.0
29 6 21 13	14.1	-.34	.76	3.1	4.	2.6	6.	6.0	3.	6.0	13.	99.0	99.	0.0
29 6 21 14	14.1	-.52	.71	3.5	1.	2.2	9.	5.2	2.	5.3	17.	99.0	99.	0.0
29 6 21 15	17.3	-.61	.62	3.4	5.	2.8	8.	6.2	3.	4.9	13.	99.0	99.	0.0
29 6 21 16	17.4	-.44	.58	4.1	5.	3.1	9.	5.9	3.	4.9	14.	99.0	99.	0.0
29 6 21 17	17.8	-.37	.61	4.3	4.	3.5	9.	5.6	3.	4.9	17.	99.0	99.	0.0
29 6 21 18	17.7	-.23	.51	3.6	4.	3.9	9.	7.2	3.	6.0	17.	99.0	99.	0.0
29 6 21 19	15.9	-.14	.57	3.4	8.	4.0	10.	4.9	6.	4.6	15.	99.0	99.	0.0
29 6 21 20	14.6	-.02	.65	2.1	5.	3.1	9.	3.8	4.	3.9	14.	99.0	99.	0.0
29 6 21 21	13.5	.17	.71	2.3	3.	1.9	8.	3.1	2.	3.2	14.	99.0	99.	0.0
29 6 21 22	12.3	.35	.79	2.2	1.	1.9	6.	3.4	2.	3.2	19.	99.0	99.	0.0
29 6 21 23	11.9	.24	.83	2.4	1.	1.1	6.	4.6	2.	3.5	99.	99.0	99.	0.0
29 6 21 24	11.9	.25	.81	3.0	35.	1.3	32.	2.9	1.	3.5	99.	99.0	99.	0.0
30 6 21 1	11.6	.23	.81	3.3	36.	.8	22.	2.9	2.	3.9	99.	99.0	99.	0.0
30 6 21 2	11.3	.19	.83	3.4	9.	2.3	34.	2.9	2.	3.9	99.	99.0	99.	0.0
30 6 21 3	10.8	.18	.85	2.9	1.	.8	29.	3.4	1.	3.5	99.	99.0	99.	0.0
30 6 21 4	11.9	.15	.81	3.4	36.	1.1	32.	3.1	1.	3.5	99.	99.0	99.	0.0
30 6 21 5	11.3	.02	.79	4.7	35.	.9	30.	4.1	1.	3.9	99.	99.0	99.	0.0
30 6 21 6	11.5	-.02	.80	2.9	34.	3.1	31.	3.6	1.	4.6	99.	99.0	99.	0.0
30 6 21 7	11.9	-.07	.80	2.3	34.	2.6	32.	3.0	1.	4.2	99.	99.0	99.	0.0
30 6 21 8	13.5	-.34	.76	2.4	33.	2.6	34.	3.4	1.	4.6	99.	99.0	99.	0.0
30 6 21 9	14.2	-.42	.70	3.8	36.	3.1	16.	5.2	1.	5.3	99.	99.0	99.	0.0
30 6 21 10	15.4	-.43	.64	3.1	36.	2.0	4.	4.8	1.	4.6	99.	99.0	99.	0.0
30 6 21 11	16.7	-.53	.62	2.5	9.	2.4	4.	3.3	1.	3.5	99.	99.0	99.	0.0
30 6 21 12	17.2	-.56	.56	2.0	29.	1.6	3.	1.9	2.	1.8	99.	99.0	99.	0.0
30 6 21 13	17.9	-.57	.56	1.7	28.	1.5	16.	2.1	21.	2.8	99.	99.0	99.	0.0
30 6 21 14	16.7	-.55	.62	2.1	18.	1.4	29.	2.6	16.	5.6	99.	99.0	99.	0.0
30 6 21 15	14.4	-.27	.78	2.6	14.	4.6	12.	3.8	13.	6.0	99.	99.0	99.	0.0
30 6 21 16	16.5	-.20	.82	3.5	12.	4.1	12.	3.5	9.	5.3	99.	99.0	99.	0.0
30 6 21 17	14.5	-.12	.82	2.4	10.	2.5	12.	2.2	10.	3.9	99.	99.0	99.	0.0
30 6 21 18	13.1	.05	.96	1.9	1002.	1.1	24.	1.5	26.	1.4	99.	99.0	99.	.1
30 6 21 19	13.1	-.05	.96	1.7	32.	1.3	29.	1.5	29.	2.1	99.	99.0	99.	0.0
30 6 21 20	12.9	.34	.98	1.1	34.	.6	28.	1.1	2.	1.9	99.	99.0	99.	0.0
30 6 21 21	12.2	.51	.74	1.1	29.	.9	31.	.8	2.	1.4	99.	99.0	99.	0.0
30 6 21 22	10.9	.42	.99	1.1	31.	1.1	27.	.8	2.	1.4	99.	99.0	99.	0.0
30 6 21 23	10.7	.82	.99	2.5	31.	.7	29.	.7	16.	2.1	99.	99.0	99.	0.0
30 6 21 24	10.3	.49	.86	2.9	30.	.5	32.	.9	16.	2.8	99.	99.0	99.	0.0

	T-15	DT-15	RH-15	F-15	D-15	F-11	D-11	F-10	D-10	F-9	D-9	F-8	D-8	F-7	D-7	P-TA
1 7 81 1	10.4	.44	.77	3.4	31.	2.4	32.	1.7	23.	2.9	22.	22.0	22.	22.0	22.	0.0
1 7 81 2	10.1	.51	.74	3.5	31.	2.3	34.	1.5	37.	2.5	22.	22.0	22.	22.0	22.	0.0
1 7 81 3	10.0	.51	.73	2.9	31.	1.9	32.	2.1	29.	2.9	22.	22.0	22.	22.0	22.	0.0
1 7 81 4	9.6	.55	.77	3.1	32.	1.4	37.	1.2	24.	2.8	22.	22.0	22.	22.0	22.	0.0
1 7 81 5	10.4	.25	.73	2.8	30.	.8	34.	1.3	26.	2.9	22.	22.0	22.	22.0	22.	0.0
1 7 81 6	13.5	-.32	.65	2.8	30.	1.1	29.	2.3	25.	3.2	22.	22.0	22.	22.0	22.	0.0
1 7 81 7	16.0	-.70	.59	3.1	32.	2.6	33.	2.1	23.	3.9	22.	22.0	22.	22.0	22.	0.0
1 7 81 8	15.4	-.34	.58	3.3	32.	3.1	32.	2.2	23.	4.2	22.	22.0	22.	22.0	22.	0.0
1 7 81 9	15.9	-.27	.54	3.3	31.	3.6	32.	1.1	26.	4.9	22.	22.0	22.	22.0	22.	0.0
1 7 81 10	19.3	-.71	.45	3.1	31.	3.9	32.	3.8	25.	4.6	22.	22.0	22.	22.0	22.	0.0
1 7 81 11	18.1	-.22	.44	3.0	27.	4.1	30.	4.0	24.	4.9	22.	22.0	22.	22.0	22.	0.0
1 7 81 12	19.3	-.35	.43	3.4	30.	6.0	30.	4.7	24.	22.0	22.	22.0	22.	22.0	22.	0.0
1 7 81 13	12.7	-.52	.38	5.1	30.	7.4	32.	5.2	26.	6.3	22.	22.0	22.	22.0	22.	0.0
1 7 81 14	12.1	-.23	.40	5.1	30.	6.3	31.	5.1	25.	6.0	22.	22.0	22.	22.0	22.	0.0
1 7 81 15	18.6	-.42	.40	4.3	31.	5.2	31.	4.2	26.	5.6	22.	22.0	22.	22.0	22.	0.0
1 7 81 16	19.6	-.32	.39	4.2	31.	5.9	30.	4.8	24.	5.3	22.	22.0	22.	22.0	22.	0.0
1 7 81 17	12.3	-.42	.38	3.7	32.	5.2	31.	3.3	30.	4.9	22.	22.0	22.	22.0	22.	0.0
1 7 81 18	18.8	-.24	.37	3.9	37.	4.5	32.	4.1	26.	5.6	22.	22.0	22.	22.0	22.	0.0
1 7 81 19	18.2	-.18	.36	5.1	30.	5.6	30.	5.2	26.	5.3	22.	22.0	22.	22.0	22.	0.0
1 7 81 20	16.4	-.01	.40	5.0	23.	5.9	31.	4.9	25.	4.2	22.	22.0	22.	22.0	22.	0.0
1 7 81 21	14.5	-.03	.48	3.3	27.	4.6	31.	3.6	24.	4.6	22.	22.0	22.	22.0	22.	0.0
1 7 81 22	13.1	-.16	.53	2.6	27.	1.5	12.	2.2	25.	4.2	22.	22.0	22.	22.0	22.	0.0
1 7 81 23	11.1	.32	.65	1.5	25.	1.2	20.	2.1	22.	4.2	22.	22.0	22.	22.0	22.	0.0
1 7 81 24	11.3	.15	.70	2.5	24.	.8	19.	2.6	23.	4.6	22.	22.0	22.	22.0	22.	0.0
2 7 81 1	11.6	.05	.70	3.1	25.	.7	16.	3.9	24.	4.9	24.	22.0	22.	22.0	22.	0.0
2 7 81 2	10.9	.07	.73	3.3	24.	2.3	26.	3.1	22.	3.9	22.	22.0	22.	22.0	22.	0.0
2 7 81 3	9.9	.19	.86	1.7	19.	1.6	22.	2.2	27.	1.8	20.	22.0	22.	22.0	22.	0.0
2 7 81 4	10.2	.05	.39	1.9	21.	2.7	21.	2.1	16.	2.8	21.	22.0	22.	22.0	22.	0.0
2 7 81 5	10.6	-.03	.89	2.5	23.	.8	21.	2.5	21.	2.5	24.	22.0	22.	22.0	22.	0.0
2 7 81 6	12.4	-.32	.92	1.8	25.	1.5	10.	2.4	22.	4.2	23.	22.0	22.	22.0	22.	0.0
2 7 81 7	14.3	-.36	.72	2.6	25.	2.5	22.	3.9	22.	4.2	23.	22.0	22.	22.0	22.	0.0
2 7 81 8	15.0	-.34	.44	3.8	25.	4.1	26.	4.1	22.	5.3	24.	22.0	22.	22.0	22.	0.0
2 7 81 9	16.0	-.40	.57	4.5	25.	4.0	26.	4.4	23.	4.9	24.	22.0	22.	22.0	22.	0.0
2 7 81 10	16.3	-.29	.53	4.2	26.	4.3	27.	5.4	22.	5.6	24.	22.0	22.	22.0	22.	0.0
2 7 81 11	17.5	-.42	.47	5.4	24.	5.4	28.	5.4	22.	5.3	24.	22.0	22.	22.0	22.	0.0
2 7 81 12	17.6	-.32	.44	4.3	26.	7.9	29.	5.9	23.	5.3	24.	22.0	22.	22.0	22.	0.0
2 7 81 13	16.9	-.12	.44	4.4	26.	6.9	28.	6.3	23.	5.3	25.	22.0	22.	22.0	22.	0.0
2 7 81 14	18.3	-.45	.43	4.9	25.	7.2	26.	6.4	22.	5.3	24.	22.0	22.	22.0	22.	0.0
2 7 81 15	12.0	-.70	.44	4.8	24.	7.0	26.	6.4	23.	5.6	24.	22.0	22.	22.0	22.	0.0
2 7 81 16	17.6	-.55	.57	5.3	22.	6.0	27.	5.2	22.	4.9	23.	22.0	22.	22.0	22.	0.0
2 7 81 17	16.3	-.33	.46	4.7	21.	6.9	26.	4.1	17.	5.6	18.	22.0	22.	22.0	22.	0.0
2 7 81 18	15.8	-.30	.69	5.4	22.	5.1	26.	3.4	16.	5.6	19.	22.0	22.	22.0	22.	0.0
2 7 81 19	15.7	-.34	.68	4.7	22.	4.4	26.	2.9	17.	4.2	18.	22.0	22.	22.0	22.	0.0
2 7 81 20	14.3	-.10	.71	4.6	22.	3.6	25.	3.1	27.	4.2	22.	22.0	22.	22.0	22.	0.0
2 7 81 21	13.1	-.12	.75	4.4	22.	3.6	24.	3.3	21.	4.2	22.	22.0	22.	22.0	22.	0.0
2 7 81 22	12.3	-.14	.71	3.9	23.	3.5	26.	4.2	22.	4.6	22.	22.0	22.	22.0	22.	0.0
2 7 81 23	11.5	-.11	.70	4.2	25.	3.4	27.	4.6	22.	4.9	22.	22.0	22.	22.0	22.	0.0
2 7 81 24	11.3	.08	.70	3.3	24.	3.1	28.	3.4	24.	3.5	24.	22.0	22.	22.0	22.	0.0
3 7 81 1	10.9	.09	.73	2.1	1024.	1.5	24.	2.4	24.	2.5	20.	22.0	22.	22.0	22.	0.0
3 7 81 2	10.3	.23	.75	1.5	2026.	.9	20.	1.8	25.	2.1	25.	22.0	22.	22.0	22.	0.0
3 7 81 3	9.9	.30	.77	09.0	2020.	.7	20.	1.1	21.	1.8	21.	22.0	22.	22.0	22.	0.0
3 7 81 4	9.8	.55	.87	09.0	2114.	.7	32.	1.3	16.	1.8	18.	22.0	22.	22.0	22.	0.0
3 7 81 5	9.5	.03	.92	02.0	2009.	1.1	34.	1.9	36.	2.1	33.	22.0	22.	22.0	22.	0.0
3 7 81 6	10.4	-.14	.73	.5	2011.	.9	32.	1.4	1.	1.8	4.	22.0	22.	22.0	22.	0.0
3 7 81 7	09.0	-.34	.45	.7	2017.	.6	16.	1.1	8.	1.8	8.	22.0	22.	22.0	22.	0.0
3 7 81 8	09.0	-.39	.72	1.4	11.	.9	12.	1.4	3.	2.1	4.	22.0	22.	22.0	22.	0.0
3 7 81 9	09.0	-.35	.67	2.8	13.	1.7	13.	1.9	9.	5.3	12.	22.0	22.	22.0	22.	0.0
3 7 81 10	09.0	-.22	.62	2.7	13.	1.7	17.	2.3	12.	4.6	13.	22.0	22.	22.0	22.	0.0
3 7 81 11	12.8	-.24	.69	1.6	13.	2.4	17.	2.1	14.	3.2	16.	22.0	22.	22.0	22.	0.0
3 7 81 12	12.2	-.28	.88	.9	15.	2.2	20.	1.2	16.	2.1	17.	22.0	22.	22.0	22.	0.0
3 7 81 13	12.0	-.21	.95	1.3	3.	.9	19.	1.5	1.	1.8	33.	22.0	22.	22.0	22.	.6
3 7 81 14	10.7	-.03	.98	1.4	6.	.5	16.	2.2	2.	1.8	11.	22.0	22.	22.0	22.	.9
3 7 81 15	10.3	-.03	.99	1.5	2.	.9	20.	3.1	1.	2.8	35.	22.0	22.	22.0	22.	3.5
3 7 81 16	10.4	-.03	.99	3.3	0.	1.6	34.	3.9	36.	4.2	34.	22.0	22.	22.0	22.	3.5
3 7 81 17	10.4	-.03	.99	4.1	35.	2.4	32.	3.8	36.	5.3	35.	22.0	22.	22.0	22.	2.1
3 7 81 18	11.3	.04	.97	4.5	34.	3.5	34.	3.8	36.	5.3	35.	22.0	22.	22.0	22.	1.1
3 7 81 19	11.2	.02	.98	3.7	34.	3.4	34.	3.9	34.	4.9	32.	22.0	22.	22.0	22.	.8
3 7 81 20	11.1	.03	.97	4.3	32.	3.6	33.	3.8	30.	5.6	32.	22.0	22.	22.0	22.	1.8
3 7 81 21	9.8	.03	.97	4.7	32.	4.3	33.	3.8	31.	4.9	32.	22.0	22.	22.0	22.	2.5
3 7 81 22	9.7	.02	.97	4.5	33.	2.3	30.	2.4	31.	3.5	32.	22.0	22.	22.0	22.	.4
3 7 81 23	9.4	.11	.96	4.3	32.	1.9	32.	3.1	30.	3.9	31.	22.0	22.	22.0	22.	.1
3 7 81 24	9.2	.14	.96	4.6	32.	1.9	32.	3.6	28.	3.2	29.	22.0	22.	22.0	22.	.1

	T-LS	DT-LS	DT-MS	D-MS	D-MS	F-MSI	D-MSI	F-MSF	D-MSF	F-RA	D-RA	F-SA	D-SA	P-TA
4 7 81 1	8.9	.14	.95	5.1	32.	2.6	31.	2.1	24.	2.5	29.	99.0	99.	0.0
4 7 81 2	8.6	.24	.95	5.6	31.	2.8	32.	1.4	6.	2.1	28.	99.0	99.	0.0
4 7 81 3	9.1	.27	.95	5.7	31.	2.5	31.	1.5	25.	2.1	27.	99.0	99.	0.0
4 7 81 4	8.2	.24	.94	2.3	30.	1.1	32.	2.1	21.	2.1	29.	99.0	99.	0.0
4 7 81 5	9.1	-.14	.91	2.9	32.	.6	32.	1.3	32.	2.5	33.	99.0	99.	0.0
4 7 81 6	11.1	-.43	.43	2.4	31.	.5	29.	2.1	24.	2.8	33.	99.0	99.	0.0
4 7 81 7	13.7	-.66	.77	2.1	31.	2.4	29.	2.1	24.	2.8	35.	99.0	99.	0.0
4 7 81 8	16.3	-.82	.70	1.9	32.	2.2	28.	1.4	24.	3.2	34.	99.0	99.	0.0
4 7 81 9	17.8	-.72	.67	5.4	31.	2.8	28.	5.1	24.	6.7	32.	99.0	99.	0.0
4 7 81 10	14.4	-.52	.60	4.8	31.	5.4	29.	5.3	25.	7.0	31.	99.0	99.	0.0
4 7 81 11	18.6	-.61	.45	4.8	30.	6.2	30.	4.8	24.	6.3	31.	99.0	99.	0.0
4 7 81 12	19.1	-.61	.39	4.7	30.	6.4	30.	4.5	20.	5.6	30.	99.0	99.	0.0
4 7 81 13	19.3	-.53	.55	4.4	30.	5.4	29.	5.9	24.	5.3	30.	99.0	99.	0.0
4 7 81 14	19.2	-.38	.35	3.7	30.	5.5	30.	5.4	24.	5.6	31.	99.0	99.	0.0
4 7 81 15	19.9	-.57	.31	5.1	29.	5.9	32.	5.4	25.	5.6	29.	99.0	99.	0.0
4 7 81 16	19.8	-.64	.31	5.4	31.	6.1	32.	5.4	25.	6.0	31.	99.0	99.	0.0
4 7 81 17	19.5	-.34	.32	4.5	30.	6.7	30.	4.9	26.	6.0	30.	99.0	99.	0.0
4 7 81 18	20.0	-.42	.30	4.7	31.	6.1	30.	5.9	26.	6.0	32.	99.0	99.	0.0
4 7 81 19	19.0	-.09	.34	5.1	30.	6.0	29.	4.4	28.	6.0	30.	99.0	99.	0.0
4 7 81 20	16.3	.02	.42	4.5	31.	4.2	32.	5.3	24.	4.2	30.	99.0	99.	0.0
4 7 81 21	14.7	.25	.48	2.9	32.	4.2	31.	3.1	26.	3.5	30.	99.0	99.	0.0
4 7 81 22	13.1	.35	.58	2.1	31.	2.1	31.	3.1	26.	2.8	29.	99.0	99.	0.0
4 7 81 23	13.1	.31	.50	3.6	29.	1.7	32.	4.1	24.	2.5	29.	99.0	99.	0.0
4 7 81 24	99.0	99.0	99.0	99.0	99.	.8	26.	1.2	24.	3.2	31.	99.0	99.	0.0
5 7 81 1	11.2	.45	.70	2.4	35.	.6	20.	1.5	2.	2.5	30.	99.0	99.	0.0
5 7 81 2	10.6	.62	.74	1.8	32.	.8	20.	1.1	3.	2.5	30.	99.0	99.	0.0
5 7 81 3	10.2	.69	.77	2.7	34.	.8	32.	1.2	2.	1.8	29.	99.0	99.	0.0
5 7 81 4	9.4	.95	.83	2.8	32.	.9	16.	1.2	1.	2.8	30.	99.0	99.	0.0
5 7 81 5	9.2	1.00	.89	3.0	30.	.4	12.	1.1	1.	3.2	32.	99.0	99.	0.0
5 7 81 6	10.0	.35	.77	3.0	31.	.5	6.	1.5	1.	2.8	34.	99.0	99.	0.0
5 7 81 7	14.1	-.49	.67	2.0	33.	1.4	28.	2.6	1.	2.1	32.	99.0	99.	0.0
5 7 81 8	16.0	-.69	.61	2.3	34.	1.9	30.	2.8	32.	2.5	1.	99.0	99.	0.0
5 7 81 9	17.3	-.78	.55	2.3	32.	2.9	29.	3.3	31.	2.5	5.	99.0	99.	0.0
5 7 81 10	18.9	-.79	.49	2.3	32.	1.9	28.	1.6	20.	4.6	12.	99.0	99.	0.0
5 7 81 11	20.1	-.74	.45	1.3	31.	1.8	29.	3.3	16.	7.4	13.	99.0	99.	0.0
5 7 81 12	19.3	-.74	.52	2.9	17.	3.5	17.	3.6	14.	7.4	13.	99.0	99.	0.0
5 7 81 13	18.8	-.59	.56	3.1	17.	4.5	17.	3.5	16.	7.4	14.	99.0	99.	0.0
5 7 81 14	19.6	-.75	.53	3.5	18.	5.6	16.	4.1	16.	7.0	15.	99.0	99.	0.0
5 7 81 15	19.5	-.64	.54	3.4	15.	5.6	16.	4.9	15.	7.4	15.	99.0	99.	0.0
5 7 81 16	19.4	-.71	.59	3.9	17.	5.4	16.	4.0	14.	7.0	17.	99.0	99.	0.0
5 7 81 17	19.3	-.70	.64	3.5	17.	5.4	16.	3.8	14.	6.3	16.	99.0	99.	0.0
5 7 81 18	19.0	-.64	.64	3.3	17.	4.8	16.	3.1	12.	6.0	16.	99.0	99.	0.0
5 7 81 19	18.4	-.43	.63	2.8	16.	4.6	16.	3.4	12.	6.7	14.	99.0	99.	0.0
5 7 81 20	17.1	-.31	.72	2.9	14.	4.1	17.	3.2	12.	4.2	14.	99.0	99.	0.0
5 7 81 21	15.1	-.07	.23	5.2	11.	3.1	13.	2.6	12.	2.8	14.	99.0	99.	0.0
5 7 81 22	13.1	.25	.98	3.2	2014.	3.4	14.	1.8	14.	3.2	17.	99.0	99.	0.0
5 7 81 23	12.8	.23	.99	2.4	2013.	1.9	13.	1.4	12.	3.5	16.	99.0	99.	0.0
5 7 81 24	12.1	.27	.98	99.0	2014.	1.1	12.	1.7	12.	3.5	15.	99.0	99.	0.0
6 7 81 1	11.4	.16	1.00	99.0	2013.	1.1	12.	2.4	14.	3.5	18.	99.0	99.	0.0
6 7 81 2	11.2	.14	.99	2.7	2017.	2.0	14.	1.5	14.	2.5	19.	99.0	99.	0.0
6 7 81 3	11.3	.14	.94	1.7	2020.	3.0	16.	1.4	13.	1.8	14.	99.0	99.	0.0
6 7 81 4	11.3	.15	.94	1.3	14.	2.1	13.	1.4	13.	2.8	14.	99.0	99.	0.0
6 7 81 5	11.4	.15	.97	2.3	12.	.9	10.	1.4	12.	2.1	13.	99.0	99.	0.0
6 7 81 6	11.9	.05	.96	1.9	11.	.6	12.	1.5	6.	1.8	11.	99.0	99.	0.0
6 7 81 7	12.3	.01	.98	1.7	12.	.7	12.	1.3	10.	3.5	14.	99.0	99.	.1
6 7 81 8	12.9	-.06	.99	2.7	17.	.6	28.	2.6	16.	4.2	18.	99.0	99.	.2
6 7 81 9	14.2	-.25	.91	2.8	19.	.7	13.	2.8	16.	4.6	18.	99.0	99.	0.0
6 7 81 10	15.1	-.38	.82	3.1	20.	3.1	20.	3.1	16.	5.3	17.	99.0	99.	0.0
6 7 81 11	15.7	-.43	.82	3.4	19.	3.3	18.	3.0	16.	5.3	14.	99.0	99.	0.0
6 7 81 12	15.5	-.35	.85	2.8	15.	4.1	17.	3.7	16.	6.7	13.	99.0	99.	0.0
6 7 81 13	16.1	-.40	.83	2.4	16.	4.6	16.	3.1	13.	6.0	14.	99.0	99.	0.0
6 7 81 14	16.0	-.35	.82	3.3	17.	4.3	16.	3.3	15.	6.0	14.	99.0	99.	0.0
6 7 81 15	16.1	-.30	.84	3.2	16.	3.6	14.	3.1	15.	6.0	13.	99.0	99.	0.0
6 7 81 16	16.8	-.41	.84	3.7	15.	4.2	15.	3.1	15.	5.6	14.	99.0	99.	0.0
6 7 81 17	17.2	-.44	.82	2.6	17.	4.3	15.	3.7	16.	6.9	16.	99.0	99.	0.0
6 7 81 18	15.7	-.37	.83	3.1	17.	4.8	15.	3.6	16.	4.9	16.	99.0	99.	0.0
6 7 81 19	15.3	-.22	.84	3.4	15.	3.9	16.	3.4	16.	4.6	16.	99.0	99.	0.0
6 7 81 20	14.3	-.12	.85	2.3	20.	3.0	16.	2.6	16.	4.9	14.	99.0	99.	0.0
6 7 81 21	14.1	-.10	.85	2.5	17.	3.7	15.	2.8	16.	4.2	17.	99.0	99.	0.0
6 7 81 22	13.2	-.01	.87	3.2	19.	2.9	16.	2.0	14.	4.2	19.	99.0	99.	0.0
6 7 81 23	12.5	.03	.98	3.0	19.	2.4	19.	2.0	16.	4.6	21.	99.0	99.	0.0
6 7 81 24	12.4	.07	.97	3.4	19.	2.7	15.	2.6	15.	4.9	21.	99.0	99.	0.0

			T-4S	DT-4S	RI-4S	F-4S	D-4S	F-11T	D-11T	F-11R	D-11R	F-RA	D-RA	F-SA	D-SA	P-TA	
10	7	81	1	14.4	1.02	.95	1.1	1036.	99.0	99.	1.1	1.	2.5	32.	99.0	99.	0.0
10	7	81	2	15.5	1.22	.93	1.2	35.	99.0	99.	1.9	1.	2.1	33.	99.0	99.	0.0
10	7	81	3	13.0	.94	.93	2.0	34.	99.0	99.	1.5	1.	2.5	32.	99.0	99.	0.0
10	7	81	4	13.1	.69	.90	2.3	34.	99.0	99.	1.5	2.	2.1	32.	99.0	99.	0.0
10	7	81	5	14.0	.72	.91	2.1	33.	99.0	99.	1.4	2.	2.8	35.	99.0	99.	0.0
10	7	81	6	16.2	-.34	.79	1.4	34.	99.0	99.	2.5	1.	2.1	35.	99.0	99.	0.0
10	7	81	7	18.8	-.44	.69	1.0	1006.	99.0	99.	1.4	2.	1.8	38.	99.0	99.	0.0
10	7	81	8	19.3	-.43	.69	1.5	13.	99.0	99.	.8	2.	2.5	11.	99.0	99.	0.0
10	7	81	9	20.2	-.52	.69	3.0	13.	99.0	99.	1.7	14.	6.3	12.	99.0	99.	0.0
10	7	81	10	19.9	-.45	.64	4.3	14.	99.0	99.	3.2	13.	6.0	13.	99.0	99.	0.0
10	7	81	11	20.3	-.42	.63	3.5	13.	99.0	99.	3.1	13.	6.3	13.	99.0	99.	0.0
10	7	81	12	20.5	-.45	.63	3.2	13.	99.0	99.	2.2	13.	7.0	13.	99.0	99.	0.0
10	7	81	13	20.9	-.48	.65	3.5	13.	99.0	99.	3.0	12.	7.4	13.	99.0	99.	0.0
10	7	81	14	21.0	-.60	.61	3.5	14.	99.0	99.	3.5	12.	6.7	13.	99.0	99.	0.0
10	7	81	15	21.9	-.72	.53	3.4	14.	99.0	99.	3.1	15.	6.3	14.	99.0	99.	0.0
10	7	81	16	22.0	-.62	.50	3.5	18.	99.0	99.	3.4	14.	6.0	16.	99.0	99.	0.0
10	7	81	17	20.3	-.31	.65	2.9	14.	99.0	99.	3.1	14.	5.6	14.	99.0	99.	0.0
10	7	81	18	19.2	-.74	.76	2.3	13.	99.0	99.	2.1	14.	5.3	13.	99.0	99.	0.0
10	7	81	19	18.3	-.11	.82	2.2	13.	99.0	99.	2.1	12.	3.9	13.	99.0	99.	0.0
10	7	81	20	17.7	-.01	.87	1.7	13.	99.0	99.	2.0	13.	3.2	13.	99.0	99.	0.0
10	7	81	21	16.8	.34	.92	2.4	13.	99.0	99.	1.7	12.	1.8	17.	99.0	99.	0.0
10	7	81	22	16.3	.43	.95	1.2	10.	99.0	99.	1.1	10.	1.4	5.	99.0	99.	0.0
10	7	81	23	16.2	.37	.96	1.4	9.	99.0	99.	1.1	2.	1.4	34.	99.0	99.	0.0
10	7	81	24	16.2	.27	.95	1.0	4.	99.0	99.	.9	2.	1.8	32.	99.0	99.	0.0
11	7	81	1	15.9	.25	.97	.9	7.	99.0	99.	1.3	2.	1.4	13.	99.0	99.	0.0
11	7	81	2	16.3	.22	.96	1.5	12.	99.0	99.	1.1	2.	2.5	38.	99.0	99.	0.0
11	7	81	3	16.0	.25	.99	1.4	31.	99.0	99.	1.2	24.	2.8	30.	99.0	99.	.1
11	7	81	4	15.7	.05	1.00	2.3	32.	99.0	99.	.9	6.	2.5	29.	99.0	99.	2.0
11	7	81	5	15.8	.05	1.00	1.3	8.	99.0	99.	2.8	1.	2.5	10.	99.0	99.	4.0
11	7	81	6	16.1	.10	.99	2.5	11.	99.0	99.	1.6	2.	2.5	13.	99.0	99.	.4
11	7	81	7	16.3	.03	.99	1.4	14.	99.0	99.	.6	1.	2.5	9.	99.0	99.	.1
11	7	81	8	16.7	-.04	.99	2.6	11.	99.0	99.	1.7	6.	3.2	7.	99.0	99.	.3
11	7	81	9	17.4	-.13	.96	2.0	12.	99.0	99.	1.9	2.	3.5	11.	99.0	99.	0.0
11	7	81	10	17.9	-.28	.92	2.7	14.	99.0	99.	1.4	12.	4.6	13.	99.0	99.	0.0
11	7	81	11	19.7	-.34	.85	3.1	14.	99.0	99.	2.4	12.	4.6	13.	99.0	99.	0.0
11	7	81	12	20.4	-.54	.75	2.9	15.	99.0	99.	1.7	15.	5.6	13.	99.0	99.	0.0
11	7	81	13	20.9	-.49	.70	4.1	14.	99.0	99.	2.8	14.	6.0	13.	99.0	99.	.1
11	7	81	14	22.0	-.44	.64	3.5	15.	99.0	99.	3.1	14.	5.3	13.	99.0	99.	0.0
11	7	81	15	21.4	-.34	.65	2.6	14.	99.0	99.	2.5	14.	3.5	14.	99.0	99.	0.0
11	7	81	16	20.0	.01	.73	1.5	13.	99.0	99.	2.6	19.	2.1	23.	99.0	99.	0.0
11	7	81	17	19.9	.05	.77	.9	10.	99.0	99.	1.1	20.	1.8	11.	99.0	99.	0.0
11	7	81	18	18.9	.13	.88	1.1	14.	99.0	99.	.8	2.	2.1	0.	99.0	99.	0.0
11	7	81	19	17.5	.53	.95	2.0	11.	99.0	99.	1.1	6.	2.1	38.	99.0	99.	.4
11	7	81	20	17.5	.37	.96	1.9	1001.	99.0	99.	1.4	2.	2.8	32.	99.0	99.	0.0
11	7	81	21	16.9	.25	.96	2.2	2.	99.0	99.	3.0	2.	2.1	0.	99.0	99.	0.0
11	7	81	22	16.8	.43	.97	1.5	1003.	99.0	99.	1.8	2.	2.5	32.	99.0	99.	.1
11	7	81	23	16.3	.38	1.00	1.3	1009.	99.0	99.	.9	16.	2.5	28.	99.0	99.	.6
11	7	81	24	16.2	.36	1.00	2.1	3.	99.0	99.	2.4	22.	3.2	31.	99.0	99.	3.6
12	7	81	1	16.0	.21	.99	1.3	1027.	99.0	99.	2.6	10.	3.5	22.	99.0	99.	1.0
12	7	81	2	16.0	.04	.99	1.4	1014.	99.0	99.	1.9	16.	2.5	7.	99.0	99.	7.0
12	7	81	3	15.7	.06	.99	1.1	9.	99.0	99.	1.9	2.	2.5	14.	99.0	99.	1.5
12	7	81	4	15.7	.05	1.00	2.1	10.	99.0	99.	1.8	2.	2.8	12.	99.0	99.	0.0
12	7	81	5	15.8	.06	.99	2.4	11.	99.0	99.	1.1	2.	2.5	12.	99.0	99.	0.0
12	7	81	6	16.0	0.00	.99	3.2	11.	99.0	99.	1.9	4.	4.6	14.	99.0	99.	0.0
12	7	81	7	15.3	-.05	.98	3.2	12.	99.0	99.	2.2	12.	3.9	18.	99.0	99.	0.0
12	7	81	8	14.3	-.06	.96	2.1	19.	99.0	99.	2.0	16.	3.2	16.	99.0	99.	0.0
12	7	81	9	13.2	-.06	.95	2.6	12.	99.0	99.	1.6	14.	3.2	17.	99.0	99.	0.0
12	7	81	10	13.7	-.13	.93	2.1	17.	99.0	99.	2.5	16.	3.2	15.	99.0	99.	0.0
12	7	81	11	16.3	-.43	.85	2.7	15.	99.0	99.	1.8	14.	5.3	13.	99.0	99.	0.0
12	7	81	12	19.0	-.75	.71	2.6	17.	99.0	99.	2.5	14.	4.9	14.	99.0	99.	0.0
12	7	81	13	19.6	-.66	.72	3.2	17.	99.0	99.	2.4	15.	6.0	14.	99.0	99.	0.0
12	7	81	14	18.9	-.70	.77	4.4	19.	99.0	99.	4.5	16.	7.7	16.	99.0	99.	0.0
12	7	81	15	15.3	-.66	.78	4.8	19.	99.0	99.	5.4	16.	7.7	17.	99.0	99.	0.0
12	7	81	16	18.4	-.62	.76	4.7	19.	99.0	99.	4.7	16.	6.7	17.	99.0	99.	0.0
12	7	81	17	18.0	-.55	.74	3.8	18.	99.0	99.	4.6	16.	6.3	17.	99.0	99.	0.0
12	7	81	18	16.8	-.33	.74	3.4	19.	99.0	99.	4.6	16.	6.0	16.	99.0	99.	0.0
12	7	81	19	15.5	-.13	.93	2.7	17.	99.0	99.	3.4	15.	4.2	15.	99.0	99.	0.0
12	7	81	20	15.1	-.07	.95	2.3	19.	99.0	99.	2.8	16.	3.2	18.	99.0	99.	0.0
12	7	81	21	14.4	.05	.98	1.7	19.	99.0	99.	1.9	16.	2.5	17.	99.0	99.	0.0
12	7	81	22	14.1	.04	.96	1.8	19.	99.0	99.	1.6	14.	2.5	18.	99.0	99.	0.0
12	7	81	23	13.9	.07	.95	2.4	19.	99.0	99.	1.8	15.	3.2	18.	99.0	99.	0.0
12	7	81	24	13.5	.10	.96	2.0	19.	99.0	99.	1.6	14.	2.5	18.	99.0	99.	0.0

	T-AS	BT-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
13 7 81 1	13.2	.15	.97	2.1	19.	99.0	99.	1.5	14.	1.9	17.	99.0	99.	0.0
13 7 81 2	12.6	.24	.99	1.5	17.	99.0	99.	1.3	12.	1.8	14.	99.0	99.	0.0
13 7 81 3	12.5	.09	.98	1.7	18.	99.0	99.	1.9	14.	2.8	14.	99.0	99.	0.0
13 7 81 4	12.5	-.01	.94	1.7	18.	99.0	99.	1.8	14.	2.8	13.	99.0	99.	0.0
13 7 81 5	12.5	-.08	.96	2.0	17.	99.0	99.	1.9	15.	2.9	13.	99.0	99.	0.0
13 7 81 6	12.5	-.14	.96	1.9	16.	99.0	99.	1.9	14.	3.5	13.	99.0	99.	0.0
13 7 81 7	15.2	-.50	.91	1.6	17.	99.0	99.	2.1	15.	5.5	14.	99.0	99.	0.0
13 7 81 8	14.9	-.52	.93	2.0	17.	99.0	99.	2.1	14.	3.5	17.	99.0	99.	0.0
13 7 81 9	15.8	-.50	.74	2.5	19.	99.0	99.	2.1	16.	5.3	15.	99.0	99.	0.0
13 7 81 10	17.6	-.47	.72	3.2	17.	99.0	99.	2.6	14.	4.9	16.	99.0	99.	0.0
13 7 81 11	17.8	-.78	.67	3.8	20.	99.0	99.	4.4	16.	5.3	18.	99.0	99.	0.0
13 7 81 12	18.3	-.78	.64	3.7	19.	99.0	99.	3.8	15.	6.0	17.	99.0	99.	0.0
13 7 81 13	18.5	-.70	.62	4.0	18.	99.0	99.	4.4	16.	6.3	17.	99.0	99.	0.0
13 7 81 14	18.2	-.74	.57	4.6	19.	99.0	99.	4.9	16.	7.0	17.	99.0	99.	0.0
13 7 81 15	17.2	-.73	.62	5.3	19.	99.0	99.	5.4	16.	7.4	17.	99.0	99.	0.0
13 7 81 16	17.2	-.78	.62	4.6	19.	99.0	99.	5.4	16.	6.0	18.	99.0	99.	0.0
13 7 81 17	16.9	-.69	.64	4.0	20.	99.0	99.	4.6	16.	5.6	18.	99.0	99.	0.0
13 7 81 18	16.1	-.59	.68	5.8	20.	99.0	99.	3.8	16.	4.9	17.	99.0	99.	0.0
13 7 81 19	14.7	-.36	.74	2.8	17.	99.0	99.	3.4	16.	4.9	14.	99.0	99.	0.0
13 7 81 20	13.2	-.08	.90	2.5	18.	99.0	99.	2.7	16.	4.6	14.	99.0	99.	0.0
13 7 81 21	12.8	-.00	.91	2.6	16.	99.0	99.	2.6	13.	3.9	14.	99.0	99.	0.0
13 7 81 22	13.0	.01	.89	2.2	16.	99.0	99.	2.1	14.	2.5	14.	99.0	99.	0.0
13 7 81 23	12.9	.02	.89	1.8	17.	99.0	99.	1.9	14.	2.8	12.	99.0	99.	0.0
13 7 81 24	13.0	-.00	.90	1.5	18.	99.0	99.	1.7	14.	2.5	13.	99.0	99.	0.0
14 7 81 1	12.7	.07	.95	1.3	15.	99.0	99.	1.6	14.	1.8	14.	99.0	99.	0.0
14 7 81 2	12.8	.12	.96	1.3	14.	99.0	99.	1.4	12.	1.8	14.	99.0	99.	0.0
14 7 81 3	12.7	.17	.97	.7	16.	99.0	99.	1.3	3.	2.1	38.	99.0	99.	0.0
14 7 81 4	12.5	.07	.99	.9	31.	99.0	99.	1.9	1.	2.5	33.	99.0	99.	0.0
14 7 81 5	12.6	-.04	.98	2.0	32.	99.0	99.	1.9	1.	2.8	32.	99.0	99.	0.0
14 7 81 6	14.9	-.48	.87	1.6	55.	99.0	99.	2.4	2.	2.1	35.	99.0	99.	0.0
14 7 81 7	15.6	-.50	.83	1.0	33.	99.0	99.	2.5	2.	2.1	1.	99.0	99.	0.0
14 7 81 8	17.9	-.71	.74	1.8	31.	99.0	99.	.9	32.	2.5	35.	99.0	99.	0.0
14 7 81 9	19.2	-.90	.66	1.9	32.	99.0	99.	1.5	24.	2.5	3.	99.0	99.	0.0
14 7 81 10	20.6	-1.00	.61	2.2	35.	99.0	99.	1.9	30.	3.5	1.	99.0	99.	0.0
14 7 81 11	20.3	-1.00	.61	2.2	32.	99.0	99.	2.3	28.	3.2	34.	99.0	99.	0.0
14 7 81 12	19.5	-.38	.59	1.8	29.	99.0	99.	2.3	26.	3.2	31.	99.0	99.	0.0
14 7 81 13	21.3	-.73	.53	1.2	29.	99.0	99.	3.1	24.	2.5	10.	99.0	99.	0.0
14 7 81 14	20.1	-.59	.58	2.2	20.	99.0	99.	2.1	24.	3.9	12.	99.0	99.	0.0
14 7 81 15	20.1	-.45	.58	2.9	20.	99.0	99.	2.5	12.	4.6	21.	99.0	99.	0.0
14 7 81 16	20.7	-.72	.55	2.6	18.	99.0	99.	2.9	14.	6.0	14.	99.0	99.	0.0
14 7 81 17	19.6	-.66	.56	3.4	15.	99.0	99.	2.8	12.	5.3	14.	99.0	99.	0.0
14 7 81 18	15.4	.26	.80	2.4	1007.	99.0	99.	3.6	12.	2.5	14.	99.0	99.	2.1
14 7 81 19	14.6	.45	.96	1.0	10.	99.0	99.	1.5	8.	2.1	0.	99.0	99.	0.0
14 7 81 20	14.3	.38	.97	1.9	34.	99.0	99.	2.0	1.	3.2	32.	99.0	99.	.7
14 7 81 21	14.0	.21	.98	2.7	32.	99.0	99.	1.9	1.	3.5	31.	99.0	99.	.1
14 7 81 22	13.1	.33	.98	3.2	32.	99.0	99.	3.5	31.	3.5	30.	99.0	99.	0.0
14 7 81 23	11.8	.31	.74	3.8	31.	99.0	99.	3.6	30.	3.9	30.	99.0	99.	0.0
14 7 81 24	11.1	.38	.71	4.4	32.	99.0	99.	3.1	30.	3.9	31.	99.0	99.	0.0
15 7 81 1	11.0	.30	.58	4.2	32.	99.0	99.	2.4	30.	4.2	32.	99.0	99.	0.0
15 7 81 2	10.6	.32	.70	3.9	32.	99.0	99.	2.6	30.	4.6	29.	99.0	99.	0.0
15 7 81 3	10.3	.30	.72	3.9	31.	99.0	99.	2.1	32.	4.6	28.	99.0	99.	0.0
15 7 81 4	10.9	.15	.70	4.2	32.	99.0	99.	2.1	32.	5.3	29.	99.0	99.	0.0
15 7 81 5	11.6	.01	.67	4.2	32.	99.0	99.	1.9	32.	4.9	29.	99.0	99.	0.0
15 7 81 6	12.1	-.05	.65	4.3	32.	99.0	99.	2.2	32.	5.3	31.	99.0	99.	0.0
15 7 81 7	13.1	-.17	.63	4.4	32.	99.0	99.	4.9	30.	7.0	33.	99.0	99.	0.0
15 7 81 8	15.0	-.43	.59	4.8	31.	99.0	99.	4.4	30.	6.7	33.	99.0	99.	0.0
15 7 81 9	16.5	-.64	.55	4.5	32.	99.0	99.	4.5	31.	6.7	33.	99.0	99.	0.0
15 7 81 10	16.9	-.65	.54	3.6	31.	99.0	99.	4.2	31.	8.4	33.	99.0	99.	0.0
15 7 81 11	19.3	-.81	.52	3.9	31.	99.0	99.	2.9	28.	7.0	33.	99.0	99.	0.0
15 7 81 12	18.8	-.85	.49	2.2	31.	99.0	99.	2.4	25.	3.2	36.	99.0	99.	0.0
15 7 81 13	18.7	-.70	.48	1.5	34.	99.0	99.	2.5	22.	3.2	31.	99.0	99.	0.0
15 7 81 14	19.3	-.67	.47	2.4	1117.	99.0	99.	2.7	21.	7.0	38.	99.0	99.	0.0
15 7 81 15	18.4	-.64	.53	3.9	17.	99.0	99.	3.6	20.	6.0	14.	99.0	99.	0.0
15 7 81 16	18.7	-.77	.51	3.8	19.	99.0	99.	3.8	16.	6.0	17.	99.0	99.	0.0
15 7 81 17	17.8	-.52	.53	3.5	19.	99.0	99.	4.6	15.	5.6	17.	99.0	99.	0.0
15 7 81 18	17.7	-.58	.53	2.5	19.	99.0	99.	4.1	16.	3.5	18.	99.0	99.	0.0
15 7 81 19	17.5	-.15	.52	1.9	1114.	99.0	99.	2.6	16.	4.2	32.	99.0	99.	0.0
15 7 81 20	16.4	.06	.46	4.4	32.	99.0	99.	2.4	20.	6.7	31.	99.0	99.	0.0
15 7 81 21	15.2	.12	.51	3.8	31.	99.0	99.	3.9	28.	7.0	31.	99.0	99.	0.0
15 7 81 22	14.5	.12	.54	4.1	32.	99.0	99.	4.1	26.	6.3	31.	99.0	99.	0.0
15 7 81 23	13.5	.22	.56	3.9	31.	99.0	99.	4.5	23.	5.6	30.	99.0	99.	0.0
15 7 81 24	12.2	.34	.59	3.2	31.	99.0	99.	2.9	32.	3.2	30.	99.0	99.	0.0

	T-AS	DT-AS	PI-AS	F-AS	D-AS	F-III	D-III	F-III	D-III	F-RA	D-RA	F-SA	D-SA	P-TA
16 7 81 1	11.8	.30	.42	5.7	30.	99.0	99.	2.1	24.	2.5	29.	99.0	99.	0.0
16 7 81 2	10.8	.45	.52	5.5	31.	99.0	99.	1.5	24.	2.8	30.	99.0	99.	0.0
16 7 81 3	9.7	.66	.80	2.7	52.	99.0	99.	.8	26.	3.2	30.	99.0	99.	0.0
16 7 81 4	10.3	.34	.40	1.7	1026.	99.0	99.	1.8	2.	2.5	0.	99.0	99.	0.0
16 7 81 5	11.0	.06	.76	1.5	23.	99.0	99.	1.3	26.	2.1	38.	99.0	99.	0.0
16 7 81 6	12.1	-.02	.75	1.6	24.	99.0	99.	1.1	24.	2.1	36.	99.0	99.	0.0
16 7 81 7	14.2	-.44	.68	.6	1015.	99.0	99.	1.8	1.	2.5	5.	99.0	99.	0.0
16 7 81 8	16.8	-.62	.55	.8	52.	99.0	99.	1.8	1.	1.8	9.	99.0	99.	0.0
16 7 81 9	17.5	-.52	.52	1.4	12.	99.0	99.	1.3	6.	1.8	6.	99.0	99.	0.0
16 7 81 10	16.9	-.12	.63	1.4	12.	99.0	99.	1.3	2.	2.2	11.	99.0	99.	0.0
16 7 81 11	14.3	-.24	.72	2.5	21.	99.0	99.	1.2	12.	4.2	20.	99.0	99.	0.0
16 7 81 12	15.6	-.57	.74	2.0	20.	99.0	99.	2.1	14.	4.9	19.	99.0	99.	0.0
16 7 81 13	17.2	-.72	.62	2.3	17.	99.0	99.	2.6	10.	5.3	13.	99.0	99.	0.0
16 7 81 14	17.6	-.65	.58	3.3	19.	99.0	99.	2.8	15.	5.6	16.	99.0	99.	0.0
16 7 81 15	18.3	-.77	.68	3.1	19.	99.0	99.	4.1	16.	6.0	17.	99.0	99.	0.0
16 7 81 16	17.4	-.56	.69	4.1	20.	99.0	99.	3.6	15.	6.0	17.	99.0	99.	0.0
16 7 81 17	16.3	-.49	.74	4.2	19.	99.0	99.	4.1	15.	5.3	18.	99.0	99.	0.0
16 7 81 18	15.1	-.21	.80	2.6	17.	99.0	99.	3.8	14.	5.3	14.	99.0	99.	0.0
16 7 81 19	15.0	-.22	.82	2.3	16.	99.0	99.	2.8	13.	4.9	13.	99.0	99.	0.0
16 7 81 20	12.6	-.00	.89	2.5	14.	99.0	99.	2.6	12.	4.6	14.	99.0	99.	0.0
16 7 81 21	12.8	.15	.74	2.6	14.	99.0	99.	2.3	12.	3.5	13.	99.0	99.	0.0
16 7 81 22	12.5	.22	.94	2.6	14.	99.0	99.	2.6	12.	3.2	14.	99.0	99.	0.0
16 7 81 23	17.7	.15	.95	2.1	15.	99.0	99.	2.1	12.	3.2	14.	99.0	99.	0.0
16 7 81 24	12.7	.15	.92	2.0	15.	99.0	99.	1.3	8.	2.1	13.	99.0	99.	0.0
17 7 81 1	12.6	.12	.94	1.4	17.	99.0	99.	.9	8.	1.8	15.	99.0	99.	0.0
17 7 81 2	11.9	.21	.97	1.4	10.	99.0	99.	1.3	12.	1.8	16.	99.0	99.	0.0
17 7 81 3	11.1	.21	.99	1.8	7.	99.0	99.	1.8	6.	1.8	10.	99.0	99.	0.0
17 7 81 4	11.0	.17	.98	1.8	7.	99.0	99.	2.2	36.	3.9	3.	99.0	99.	0.0
17 7 81 5	11.7	.01	.96	2.3	5.	99.0	99.	3.1	2.	4.2	3.	99.0	99.	0.0
17 7 81 6	11.2	-.07	.94	2.2	4.	99.0	99.	4.1	2.	3.5	5.	99.0	99.	0.0
17 7 81 7	11.8	-.08	.93	1.5	6.	99.0	99.	3.9	2.	2.5	6.	99.0	99.	0.0
17 7 81 8	12.8	-.17	.89	1.7	7.	99.0	99.	2.6	2.	3.2	8.	99.0	99.	0.0
17 7 81 9	15.7	-.16	.80	2.2	7.	99.0	99.	3.4	2.	4.2	6.	99.0	99.	.1
17 7 81 10	14.4	-.20	.77	3.5	7.	3.5	7.	5.4	3.	5.3	7.	99.0	99.	0.0
17 7 81 11	14.4	-.15	.76	3.5	8.	2.7	7.	5.1	3.	3.9	7.	99.0	99.	0.0
17 7 81 12	14.0	-.11	.81	3.0	6.	3.4	7.	5.1	3.	3.5	6.	99.0	99.	0.0
17 7 81 13	15.3	-.10	.82	2.3	6.	2.7	7.	4.4	2.	3.2	5.	99.0	99.	.4
17 7 81 14	13.2	-.12	.97	1.7	3.	1.5	8.	3.3	3.	3.9	2.	99.0	99.	2.1
17 7 81 15	13.4	-.17	.97	2.0	1.	1.5	32.	2.9	36.	3.9	2.	99.0	99.	2.8
17 7 81 16	13.2	-.07	.98	2.7	1.	2.0	32.	3.4	36.	3.9	35.	99.0	99.	1.2
17 7 81 17	12.8	-.05	.99	2.7	0.	1.2	33.	3.6	36.	4.9	0.	99.0	99.	1.7
17 7 81 18	12.6	-.03	.99	2.7	1.	1.3	0.	3.9	36.	4.2	09.	99.0	99.	.2
17 7 81 19	12.4	.03	.98	2.5	2.	2.2	7.	3.6	36.	4.9	99.	99.0	99.	.1
17 7 81 20	12.4	.03	.96	2.2	2.	1.7	6.	3.7	36.	5.3	99.	99.0	99.	0.0
17 7 81 21	12.3	.09	.96	2.9	2.	1.6	5.	3.8	36.	4.6	2.	99.0	99.	0.0
17 7 81 22	12.1	.06	.98	2.7	1.	1.6	3.	4.2	36.	4.6	1.	99.0	99.	.4
17 7 81 23	12.1	.04	.98	2.7	1.	1.6	34.	4.2	36.	4.6	0.	99.0	99.	.2
17 7 81 24	12.0	.05	.98	3.2	1.	1.8	33.	3.0	36.	4.6	34.	99.0	99.	.6
18 7 81 1	11.9	.05	.98	2.8	1.	1.6	33.	2.8	1.	4.2	33.	99.0	99.	1.4
18 7 81 2	11.8	.05	.98	3.4	1.	1.5	1.	2.7	1.	3.9	0.	99.0	99.	.3
18 7 81 3	11.7	.03	.97	3.0	1.	2.1	33.	3.2	1.	3.2	33.	99.0	99.	.3
18 7 81 4	11.2	.25	.95	2.2	35.	1.3	34.	1.6	2.	4.2	32.	99.0	99.	.1
18 7 81 5	12.2	.17	.93	2.9	1.	1.8	34.	2.0	2.	4.6	33.	99.0	99.	0.0
18 7 81 6	12.9	.06	.97	3.5	2.	1.7	34.	2.5	1.	4.9	33.	99.0	99.	0.0
18 7 81 7	14.7	-.22	.81	3.1	35.	2.1	1.	2.1	1.	4.9	35.	99.0	99.	0.0
18 7 81 8	16.9	-.41	.69	3.1	1.	2.5	1.	2.4	1.	5.3	1.	99.0	99.	0.0
18 7 81 9	18.6	-.42	.55	3.9	5.	2.8	36.	3.3	2.	4.9	3.	99.0	99.	0.0
18 7 81 10	10.2	-.45	.50	3.8	4.	3.1	6.	4.9	2.	5.3	4.	99.0	99.	0.0
18 7 81 11	19.6	-.35	.49	4.2	7.	2.1	5.	5.9	2.	5.3	4.	99.0	99.	0.0
18 7 81 12	20.0	-.32	.48	3.1	7.	1.2	36.	4.7	1.	3.9	9.	99.0	99.	0.0
18 7 81 13	19.9	-.35	.51	2.1	6.	1.5	5.	4.2	6.	2.1	9.	99.0	99.	0.0
18 7 81 14	20.6	-.42	.47	1.8	1011.	1.4	6.	2.1	3.	2.5	11.	99.0	99.	0.0
18 7 81 15	20.0	-.62	.57	1.6	19.	2.1	9.	1.8	2.	3.2	14.	99.0	99.	0.0
18 7 81 16	21.1	-.91	.55	2.0	19.	2.0	17.	2.8	16.	3.9	15.	99.0	99.	0.0
18 7 81 17	20.3	-.70	.56	2.7	16.	3.2	17.	3.1	16.	5.6	14.	99.0	99.	0.0
18 7 81 18	19.2	-.69	.54	2.6	17.	2.0	20.	3.4	16.	5.3	14.	99.0	99.	0.0
18 7 81 19	18.0	-.52	.65	2.4	17.	3.5	16.	3.5	16.	3.9	17.	99.0	99.	0.0
18 7 81 20	15.3	.07	.80	1.5	17.	2.3	13.	2.5	14.	2.5	17.	99.0	99.	0.0
18 7 81 21	14.2	.25	.87	2.0	15.	1.9	12.	1.8	14.	2.8	13.	99.0	99.	0.0
18 7 81 22	12.9	.40	.97	.9	1017.	.7	99.	1.7	14.	2.1	32.	99.0	99.	0.0
18 7 81 23	12.0	.55	.96	.7	7.	.8	32.	1.5	2.	1.8	31.	99.0	99.	0.0
18 7 81 24	11.5	.69	.98	.6	1007.	.5	35.	1.8	2.	2.1	32.	99.0	99.	0.0

	T-AS	DT-AS	BT-AS	F-AS	D-AS	F-UNI	D-UNI	F-MER	D-MER	F-RA	D-RA	F-SA	D-SA	P-TA
19 7 81 1	11.0	.85	1.00	1.1	34.	.6	24.	1.5	2.	2.5	32.	99.0	99.	0.0
19 7 81 2	10.4	.72	.99	2.1	34.	.7	32.	1.5	1.	2.5	30.	99.0	99.	0.0
19 7 81 3	9.9	.57	.97	2.3	33.	.7	32.	1.6	1.	2.1	31.	99.0	99.	0.0
19 7 81 4	9.8	.50	.92	1.7	33.	.4	32.	1.1	1.	2.5	32.	99.0	99.	0.0
19 7 81 5	10.2	.63	.99	1.7	31.	.9	34.	1.6	2.	2.1	31.	99.0	99.	0.0
19 7 81 6	10.4	.75	.99	1.7	32.	.5	34.	1.6	1.	2.8	33.	99.0	99.	0.0
19 7 81 7	10.8	.74	.98	1.4	33.	.4	24.	1.4	2.	1.8	36.	99.0	99.	0.0
19 7 81 8	12.1	.95	.95	1.5	32.	0.0	37.	.9	1.	2.5	13.	99.0	99.	0.0
19 7 81 9	13.8	1.08	.71	.9	1031.	.9	11.	.7	12.	3.2	13.	99.0	99.	0.0
19 7 81 10	15.5	1.17	.87	1.4	12.	1.9	16.	1.5	10.	3.9	12.	99.0	99.	0.0
19 7 81 11	18.5	1.58	.73	2.2	13.	3.0	16.	1.6	12.	5.6	13.	99.0	99.	0.0
19 7 81 12	18.1	1.49	.74	3.5	12.	2.8	16.	1.8	16.	6.3	13.	99.0	99.	0.0
19 7 81 13	19.3	1.64	.69	3.2	14.	3.8	16.	2.6	15.	7.0	13.	99.0	99.	0.0
19 7 81 14	19.6	1.69	.67	3.1	16.	3.7	17.	3.3	15.	7.0	14.	99.0	99.	0.0
19 7 81 15	19.7	1.86	.66	2.8	17.	4.3	17.	3.4	16.	5.3	14.	99.0	99.	0.0
19 7 81 16	19.9	1.92	.62	2.8	19.	3.5	19.	3.8	16.	3.5	19.	99.0	99.	0.0
19 7 81 17	17.5	1.42	.78	2.0	20.	2.6	30.	3.3	16.	2.8	0.	99.0	99.	0.0
19 7 81 18	19.2	1.35	.74	2.4	1012.	.9	38.	2.6	16.	4.2	12.	99.0	99.	0.0
19 7 81 19	17.5	1.39	.80	2.3	18.	1.3	21.	1.8	14.	3.5	18.	99.0	99.	0.0
19 7 81 20	15.5	1.16	.87	1.1	18.	2.3	17.	2.3	16.	2.8	14.	99.0	99.	0.0
19 7 81 21	16.0	1.13	.76	1.9	16.	2.6	15.	2.1	14.	2.5	12.	99.0	99.	0.0
19 7 81 22	13.3	.23	.98	1.7	17.	1.9	15.	1.9	13.	2.1	13.	99.0	99.	0.0
19 7 81 23	12.9	.31	.98	1.9	16.	.7	24.	1.4	14.	1.8	35.	99.0	99.	0.0
19 7 81 24	11.9	.19	.99	.6	7.	.9	30.	1.1	10.	1.8	32.	99.0	99.	0.0
20 7 81 1	11.6	.42	.99	1.2	7.	.5	29.	1.8	1.	1.8	33.	99.0	99.	0.0
20 7 81 2	11.3	.42	.99	1.0	6.	0.0	37.	1.9	1.	2.5	33.	99.0	99.	0.0
20 7 81 3	11.9	.15	.99	1.5	34.	0.0	37.	1.5	1.	2.5	32.	99.0	99.	0.0
20 7 81 4	11.5	.74	.99	1.5	5.	0.0	37.	2.1	2.	2.5	31.	99.0	99.	0.0
20 7 81 5	12.0	1.03	.98	1.1	3.	1.3	33.	2.6	1.	2.8	2.	99.0	99.	0.0
20 7 81 6	14.1	1.34	.88	1.2	2.	.8	14.	3.0	1.	2.5	2.	99.0	99.	0.0
20 7 81 7	14.3	1.35	.84	1.1	6.	0.0	37.	2.6	2.	2.1	6.	99.0	99.	0.0
20 7 81 8	14.7	1.38	.91	1.1	1032.	.7	29.	1.8	1.	1.8	7.	99.0	99.	0.0
20 7 81 9	14.8	1.24	.79	1.4	27.	1.1	28.	1.6	24.	1.8	9.	99.0	99.	0.0
20 7 81 10	18.0	1.53	.68	1.2	29.	1.4	38.	2.5	22.	3.2	12.	99.0	99.	0.0
20 7 81 11	19.3	1.84	.64	1.4	1021.	1.6	16.	1.8	16.	3.2	11.	99.0	99.	0.0
20 7 81 12	19.5	1.62	.62	2.3	1014.	2.4	16.	1.6	16.	6.0	12.	99.0	99.	0.0
20 7 81 13	19.6	1.54	.71	4.3	13.	3.3	16.	2.4	16.	3.1	13.	99.0	99.	0.0
20 7 81 14	17.4	1.51	.76	5.1	13.	6.3	16.	3.9	14.	8.8	13.	99.0	99.	0.0
20 7 81 15	16.3	1.33	.82	3.7	14.	4.5	16.	4.6	12.	4.9	13.	99.0	99.	0.0
20 7 81 16	17.1	1.33	.90	2.7	14.	3.4	14.	2.8	12.	5.6	12.	99.0	99.	0.0
20 7 81 17	17.6	1.35	.78	2.7	13.	2.8	12.	2.4	12.	4.9	12.	99.0	99.	0.0
20 7 81 18	17.0	1.25	.81	2.1	13.	2.2	12.	2.3	12.	4.2	12.	99.0	99.	0.0
20 7 81 19	16.5	1.22	.90	2.4	14.	2.5	16.	2.3	12.	4.6	15.	99.0	99.	0.0
20 7 81 20	15.5	1.07	.97	3.1	14.	2.0	18.	2.2	12.	3.2	13.	99.0	99.	0.0
20 7 81 21	14.4	.15	.98	2.4	11.	.6	38.	1.4	14.	2.1	12.	99.0	99.	0.0
20 7 81 22	13.6	.28	.99	1.7	9.	.5	0.	1.1	4.	2.1	13.	99.0	99.	0.0
20 7 81 23	13.0	.32	.99	.4	7.	.7	30.	1.1	2.	1.8	5.	99.0	99.	0.0
20 7 81 24	13.3	.22	.99	.6	4.	.6	30.	1.7	1.	2.1	34.	99.0	99.	0.0
21 7 81 1	13.4	.66	.98	1.2	6.	1.0	30.	2.4	1.	2.5	3.	99.0	99.	0.0
21 7 81 2	12.9	.18	.98	.9	2.	1.0	34.	1.8	1.	3.2	4.	99.0	99.	0.0
21 7 81 3	12.4	.15	.98	1.7	1.	1.5	34.	2.7	1.	3.2	32.	99.0	99.	0.0
21 7 81 4	12.7	.01	.98	2.5	35.	1.3	35.	2.5	1.	3.9	33.	99.0	99.	0.0
21 7 81 5	12.5	1.05	.97	2.4	35.	1.0	32.	2.3	1.	3.9	33.	99.0	99.	0.0
21 7 81 6	13.2	1.16	.93	1.8	34.	1.4	32.	2.1	1.	3.9	33.	99.0	99.	0.0
21 7 81 7	13.5	1.15	.97	1.9	35.	.8	33.	2.1	2.	3.5	33.	99.0	99.	0.0
21 7 81 8	13.8	1.25	.86	1.2	32.	2.1	27.	1.5	2.	2.8	32.	99.0	99.	0.0
21 7 81 9	14.1	1.33	.71	2.3	31.	1.4	26.	.9	4.	2.8	32.	99.0	99.	0.0
21 7 81 10	17.9	1.59	.63	.9	1030.	.8	38.	1.1	24.	1.8	10.	99.0	99.	0.0
21 7 81 11	19.0	1.63	.64	1.0	30.	1.6	28.	1.6	16.	2.8	10.	99.0	99.	0.0
21 7 81 12	18.3	1.42	.71	1.6	14.	1.2	38.	1.9	13.	3.9	13.	99.0	99.	0.0
21 7 81 13	19.3	1.64	.74	2.6	14.	1.3	0.	1.6	16.	4.6	13.	99.0	99.	0.0
21 7 81 14	19.1	1.51	.76	3.5	13.	.8	12.	2.6	14.	6.0	14.	99.0	99.	0.0
21 7 81 15	19.9	1.67	.74	2.6	14.	3.3	12.	2.9	14.	4.6	14.	99.0	99.	0.0
21 7 81 16	18.0	1.39	.77	2.0	14.	2.8	14.	2.8	15.	3.9	14.	99.0	99.	0.0
21 7 81 17	19.2	1.57	.70	1.3	17.	2.6	16.	2.1	14.	3.2	14.	99.0	99.	0.0
21 7 81 18	18.9	1.44	.69	1.5	19.	2.1	17.	2.0	15.	2.8	19.	99.0	99.	0.0
21 7 81 19	17.4	1.23	.78	1.1	16.	1.3	18.	1.8	14.	3.2	13.	99.0	99.	0.0
21 7 81 20	15.8	.85	.86	1.4	14.	2.2	10.	1.6	14.	2.8	13.	99.0	99.	0.0
21 7 81 21	14.2	.57	.93	1.7	13.	1.0	14.	1.8	15.	2.1	14.	99.0	99.	0.0
21 7 81 22	13.5	.55	.97	1.3	12.	.5	25.	1.6	13.	2.1	32.	99.0	99.	0.0
21 7 81 23	13.0	.67	.96	.7	28.	.8	28.	1.0	4.	2.5	32.	99.0	99.	0.0
21 7 81 24	11.9	.92	.99	1.9	34.	.9	28.	1.1	2.	1.8	32.	99.0	99.	0.0

	F-AS	D-T-AS	R-T-AS	F-AS	D-AS	F-INT	D-INT	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
22 7 81 1	11.8	.74	.99	1.6	35.	1.0	32.	1.1	1.	2.5	32.	99.0	99.	0.0
22 7 81 2	11.5	.65	.99	2.7	32.	0.1	37.	1.0	2.	2.5	31.	99.0	99.	0.0
22 7 81 3	11.4	.75	.99	2.6	35.	0.0	37.	1.4	2.	2.5	31.	99.0	99.	0.0
22 7 81 4	11.4	.55	.99	2.4	32.	0.0	37.	1.6	1.	2.5	3.	99.0	99.	0.0
22 7 81 5	11.8	.59	.96	2.8	33.	0.0	37.	1.1	1.	2.8	32.	99.0	99.	0.0
22 7 81 6	14.2	-.57	.36	2.0	32.	.9	35.	1.6	1.	2.5	5.	99.0	99.	0.0
22 7 81 7	17.3	-.95	.70	1.3	32.	.5	28.	1.5	2.	2.1	2.	99.0	99.	0.0
22 7 81 8	18.7	-.75	.54	1.4	31.	2.5	28.	.9	4.	2.5	35.	99.0	99.	0.0
22 7 81 9	20.2	-.59	.55	1.6	30.	2.1	28.	1.1	12.	1.8	2.	99.0	99.	0.0
22 7 81 10	21.1	-.49	.52	1.2	29.	1.7	29.	.9	27.	2.1	10.	99.0	99.	0.0
22 7 81 11	22.2	-.50	.49	1.9	28.	1.4	28.	1.6	13.	3.2	10.	99.0	99.	0.0
22 7 81 12	22.5	-.77	.52	2.5	1019.	1.2	24.	1.9	27.	4.4	14.	99.0	99.	0.0
22 7 81 13	21.9	-.66	.58	3.1	14.	2.5	22.	2.7	16.	5.3	14.	99.0	99.	0.0
22 7 81 14	21.7	-.65	.59	3.0	15.	3.5	16.	3.3	16.	7.0	13.	99.0	99.	0.0
22 7 81 15	21.2	-.67	.64	3.6	13.	4.0	16.	3.4	16.	7.0	13.	99.0	99.	0.0
22 7 81 16	21.6	-.65	.63	2.7	15.	2.8	22.	3.1	15.	5.3	13.	99.0	99.	0.0
22 7 81 17	20.6	-.52	.60	2.4	13.	1.2	20.	2.4	14.	6.0	12.	99.0	99.	0.0
22 7 81 18	18.9	-.25	.64	2.7	14.	3.5	17.	2.9	12.	6.0	13.	99.0	99.	0.0
22 7 81 19	16.9	0.09	.67	2.9	13.	2.9	13.	3.9	12.	3.9	13.	99.0	99.	0.0
22 7 81 20	15.4	.03	.90	3.4	14.	1.9	12.	2.3	12.	3.5	13.	99.0	99.	0.0
22 7 81 21	14.4	.19	.97	2.4	13.	3.1	13.	2.4	13.	2.8	14.	99.0	99.	0.0
22 7 81 22	13.4	.27	.98	2.1	12.	.7	10.	1.8	13.	1.4	15.	99.0	99.	0.0
22 7 81 23	13.0	.37	.99	2.3	10.	0.0	37.	1.4	8.	1.8	2.	99.0	99.	0.0
22 7 81 24	12.9	.25	.99	2.4	9.	.7	35.	2.4	1.	2.5	4.	99.0	99.	0.0
23 7 81 1	12.0	.35	.99	1.5	7.	0.0	37.	2.4	1.	2.1	34.	99.0	99.	0.0
23 7 81 2	11.5	.54	.99	1.6	6.	1.2	34.	2.5	1.	2.1	33.	99.0	99.	0.0
23 7 81 3	11.8	.21	.99	2.9	9.	0.0	37.	2.4	1.	2.8	6.	99.0	99.	0.0
23 7 81 4	12.0	-.00	.99	1.6	10.	0.0	37.	2.1	2.	2.8	7.	99.0	99.	0.0
23 7 81 5	12.2	-.09	.98	1.2	9.	1.5	34.	1.9	1.	2.8	7.	99.0	99.	0.0
23 7 81 6	12.9	-.13	.94	1.9	7.	.9	29.	2.6	2.	4.2	3.	99.0	99.	0.0
23 7 81 7	13.8	-.21	.91	1.2	9.	.7	30.	3.1	1.	2.8	7.	99.0	99.	0.0
23 7 81 8	14.0	-.18	.88	1.6	8.	.8	30.	2.5	3.	2.5	7.	99.0	99.	0.0
23 7 81 9	14.7	-.23	.84	1.3	12.	1.2	18.	1.7	8.	2.8	12.	99.0	99.	0.0
23 7 81 10	15.7	-.35	.79	1.8	12.	1.5	18.	1.7	8.	2.5	10.	99.0	99.	0.0
23 7 81 11	17.9	-.42	.58	2.2	13.	1.3	20.	1.4	12.	2.5	4.	99.0	99.	0.0
23 7 81 12	17.5	-.49	.72	4.4	13.	1.4	11.	1.5	12.	6.3	10.	99.0	99.	0.0
23 7 81 13	19.4	-.55	.71	3.6	15.	3.7	16.	2.6	14.	7.4	13.	99.0	99.	0.0
23 7 81 14	19.5	-.75	.68	3.5	16.	4.9	16.	4.2	12.	7.0	14.	99.0	99.	0.0
23 7 81 15	18.9	-.79	.71	3.5	16.	5.4	16.	4.1	16.	6.3	13.	99.0	99.	0.0
23 7 81 16	19.3	-.63	.69	2.5	15.	3.3	16.	3.5	19.	5.4	13.	99.0	99.	0.0
23 7 81 17	18.5	-.47	.75	3.3	14.	2.9	17.	2.3	16.	6.3	13.	99.0	99.	0.0
23 7 81 18	16.7	-.29	.84	2.9	14.	3.5	17.	3.0	15.	6.0	13.	99.0	99.	0.0
23 7 81 19	16.4	-.18	.88	1.9	14.	3.5	17.	2.8	15.	3.9	13.	99.0	99.	0.0
23 7 81 20	15.5	-.04	.95	1.7	15.	2.1	17.	2.4	14.	3.2	14.	99.0	99.	0.0
23 7 81 21	14.9	.16	.97	1.3	14.	1.9	14.	1.7	13.	2.1	15.	99.0	99.	0.0
23 7 81 22	14.8	.15	.97	1.3	11.	0.0	37.	1.5	15.	1.8	38.	99.0	99.	0.0
23 7 81 23	14.4	.24	.98	1.5	9.	.7	31.	1.4	12.	1.8	33.	99.0	99.	0.0
23 7 81 24	14.0	.21	.98	1.0	10.	0.0	37.	1.8	2.	1.8	33.	99.0	99.	0.0
24 7 81 1	13.9	.21	.98	1.0	8.	.9	33.	1.9	1.	2.1	33.	99.0	99.	0.0
24 7 81 2	13.7	.19	.99	1.4	6.	1.0	33.	1.9	1.	1.8	35.	99.0	99.	0.0
24 7 81 3	13.4	.24	.95	.5	1003.	.8	31.	2.6	1.	2.5	32.	99.0	99.	0.0
24 7 81 4	13.1	.31	.99	1.3	2.	1.0	32.	2.1	1.	2.1	30.	99.0	99.	0.0
24 7 81 5	13.5	.22	.98	1.3	1005.	.8	30.	2.6	1.	2.5	31.	99.0	99.	0.0
24 7 81 6	14.0	-.05	.95	1.3	34.	.7	.9	1.6	1.	2.5	32.	99.0	99.	0.0
24 7 81 7	15.3	-.24	.90	.8	2.	1.2	33.	2.4	1.	2.1	35.	99.0	99.	0.0
24 7 81 8	18.4	-.49	.78	1.5	4.	1.3	32.	2.7	1.	2.1	33.	99.0	99.	0.0
24 7 81 9	17.7	-.25	.79	1.9	6.	1.5	34.	2.3	1.	2.8	3.	99.0	99.	0.0
24 7 81 10	17.7	-.29	.79	2.7	7.	2.9	9.	3.3	2.	3.9	7.	99.0	99.	0.0
24 7 81 11	16.7	-.12	.85	3.5	7.	3.1	9.	3.4	3.	5.3	8.	99.0	99.	0.0
24 7 81 12	15.8	-.03	.73	2.5	8.	2.2	10.	4.9	4.	3.9	9.	99.0	99.	0.0
24 7 81 13	15.3	-.03	.97	3.2	4.	2.5	7.	3.1	5.	5.3	2.	99.0	99.	.9
24 7 81 14	15.1	-.04	.97	5.3	13.	4.7	9.	5.1	2.	8.4	13.	99.0	99.	2.5
24 7 81 15	16.1	-.21	.90	5.8	14.	5.4	14.	4.4	12.	8.8	12.	99.0	99.	7.0
24 7 81 16	17.3	-.51	.84	4.4	18.	5.8	16.	4.9	13.	6.3	19.	99.0	99.	0.0
24 7 81 17	18.2	-.59	.79	3.4	21.	3.4	20.	4.1	16.	4.2	19.	99.0	99.	.1
24 7 81 18	17.8	-.53	.73	2.9	19.	2.9	17.	3.1	20.	4.9	18.	99.0	99.	0.0
24 7 81 19	16.5	-.35	.80	2.7	19.	4.9	16.	3.5	16.	4.6	17.	99.0	99.	0.0
24 7 81 20	14.5	-.02	.78	3.1	19.	5.6	16.	3.4	16.	3.9	17.	99.0	99.	0.0
24 7 81 21	13.7	.01	.89	2.5	18.	2.5	16.	2.5	16.	2.8	17.	99.0	99.	0.0
24 7 81 22	13.5	.13	.94	1.9	17.	1.8	12.	2.1	16.	2.5	17.	99.0	99.	0.0
24 7 81 23	13.3	.15	.94	2.1	17.	.6	9.	1.9	16.	2.1	17.	99.0	99.	0.0
24 7 81 24	12.7	.29	.93	1.6	16.	0.0	37.	1.5	15.	1.8	17.	99.0	99.	0.0

	T-AS	DT-AS	PI-AS	F-AS	D-AS	F-IMI	D-IMI	F-IEP	D-IEP	F-RA	D-RA	F-SA	D-SA	P-TA
25 7 81 1	13.3	.15	.91	2.2	14.	.4	0.	1.8	14.	2.1	17.	99.0	99.	0.0
25 7 81 2	13.1	.14	.91	1.9	14.	0.0	37.	1.7	13.	2.5	19.	99.0	99.	0.0
25 7 81 3	11.8	.37	.76	1.7	21.	0.0	37.	1.5	14.	2.1	32.	99.0	99.	0.0
25 7 81 4	10.9	.32	.99	1.0	1026.	0.0	37.	1.4	16.	2.8	30.	99.0	99.	0.0
25 7 81 5	11.3	.46	.99	1.1	1011.	.7	33.	.9	28.	3.7	30.	99.0	99.	0.0
25 7 81 6	13.4	-.33	.95	1.4	33.	.6	33.	1.5	2.	2.1	31.	99.0	99.	0.0
25 7 81 7	14.1	-.39	.76	.3	13.	0.0	37.	1.6	2.	1.8	0.	99.0	99.	0.0
25 7 81 8	17.9	-.36	.65	.8	1031.	.5	0.	.7	2.	1.8	2.	99.0	99.	0.0
25 7 81 9	19.0	-.33	.57	1.0	1037.	1.0	10.	.7	26.	2.1	5.	99.0	99.	0.0
25 7 81 10	17.4	-.53	.55	1.1	10.	.9	18.	1.0	28.	2.1	9.	99.0	99.	.1
25 7 81 11	17.7	-.34	.65	1.3	14.	1.0	21.	1.1	8.	2.8	12.	99.0	99.	0.0
25 7 81 12	19.2	-.51	.70	2.1	13.	1.5	15.	1.6	14.	3.2	12.	99.0	99.	0.0
25 7 81 13	18.3	-.44	.70	1.1	13.	2.0	17.	1.9	20.	3.2	12.	99.0	99.	0.0
25 7 81 14	17.3	-.31	.75	1.4	14.	2.3	14.	2.1	20.	4.2	13.	99.0	99.	0.0
25 7 81 15	16.7	-.19	.92	2.2	14.	2.7	14.	2.1	16.	4.9	13.	99.0	99.	0.0
25 7 81 16	15.6	-.14	.83	3.5	12.	3.5	14.	2.5	14.	4.6	13.	99.0	99.	0.0
25 7 81 17	15.0	-.16	.79	1.6	3.	1.1	38.	2.2	12.	2.1	7.	99.0	99.	0.0
25 7 81 18	17.1	-.39	.74	2.1	35.	3.0	35.	2.1	4.	3.9	33.	99.0	99.	0.0
25 7 81 19	15.4	-.12	.85	2.4	0.	2.3	33.	3.6	2.	4.2	33.	99.0	99.	0.0
25 7 81 20	14.6	-.07	.92	2.9	52.	1.5	32.	3.8	2.	3.2	30.	99.0	99.	0.0
25 7 81 21	14.0	.02	.93	2.5	34.	1.5	33.	2.1	2.	3.5	30.	99.0	99.	0.0
25 7 81 22	13.8	.11	.90	2.7	34.	2.5	35.	1.9	2.	3.5	30.	99.0	99.	0.0
25 7 81 23	13.9	.10	.85	3.4	35.	1.9	33.	2.1	2.	4.9	33.	99.0	99.	0.0
25 7 81 24	13.8	.13	.86	2.9	34.	1.4	31.	2.3	2.	5.3	32.	99.0	99.	0.0
26 7 81 1	13.9	.05	.90	3.5	33.	2.4	33.	3.1	32.	4.9	32.	99.0	99.	0.0
26 7 81 2	13.9	.05	.89	4.1	32.	3.5	33.	3.2	32.	5.3	32.	99.0	99.	0.0
26 7 81 3	14.0	.04	.87	3.4	32.	4.3	34.	2.9	32.	4.6	32.	99.0	99.	0.0
26 7 81 4	14.5	.05	.83	4.1	33.	4.3	33.	2.4	32.	7.0	32.	99.0	99.	0.0
26 7 81 5	14.8	.04	.82	3.9	35.	3.3	38.	4.1	32.	3.5	32.	99.0	99.	0.0
26 7 81 6	14.9	.05	.82	3.1	1.	2.7	36.	3.5	32.	3.9	32.	99.0	99.	0.0
26 7 81 7	15.1	.03	.83	3.8	0.	2.9	1.	2.9	36.	5.3	33.	99.0	99.	0.0
26 7 81 8	14.0	-.04	.82	4.0	36.	4.0	35.	3.7	2.	5.3	33.	99.0	99.	0.0
26 7 81 9	14.5	-.03	.83	2.5	34.	2.8	34.	3.5	36.	4.9	32.	99.0	99.	0.0
26 7 81 10	14.8	-.14	.84	2.7	34.	2.4	34.	2.2	36.	5.4	32.	99.0	99.	0.0
26 7 81 11	19.3	-.38	.81	2.4	33.	2.5	34.	2.4	32.	5.6	33.	99.0	99.	0.0
26 7 81 12	18.0	-.12	.83	3.0	2.	3.3	35.	3.3	2.	5.6	33.	99.0	99.	0.0
26 7 81 13	19.4	-.17	.83	2.5	35.	2.9	35.	3.0	1.	5.3	33.	99.0	99.	0.0
26 7 81 14	18.6	-.27	.83	3.2	32.	2.7	34.	3.1	32.	4.9	32.	99.0	99.	0.0
26 7 81 15	19.1	-.09	.84	3.7	32.	2.5	33.	3.1	32.	4.2	32.	99.0	99.	0.0
26 7 81 16	19.1	-.02	.84	3.3	33.	3.6	34.	4.1	32.	3.9	31.	99.0	99.	0.0
26 7 81 17	18.7	-.05	.85	2.8	32.	3.5	34.	3.1	34.	3.9	32.	99.0	99.	0.0
26 7 81 18	18.3	.19	.80	2.3	33.	1.5	35.	2.8	32.	3.2	33.	99.0	99.	0.0
26 7 81 19	18.3	.11	.89	1.2	34.	1.4	34.	3.1	2.	3.2	32.	99.0	99.	0.0
26 7 81 20	17.4	.11	.91	1.8	34.	1.1	38.	1.6	2.	2.8	33.	99.0	99.	0.0
26 7 81 21	14.8	.20	.98	1.4	4.	2.0	11.	1.6	4.	2.5	14.	99.0	99.	0.0
26 7 81 22	16.1	.16	1.00	1.7	9.	.3	18.	.9	6.	2.8	16.	99.0	99.	0.0
26 7 81 23	15.7	.02	1.00	1.8	13.	.8	13.	1.4	16.	2.5	14.	99.0	99.	4.2
26 7 81 24	15.4	-.02	1.00	2.1	12.	1.2	15.	1.8	14.	3.2	12.	99.0	99.	1.6
27 7 81 1	14.9	-.03	.99	3.9	12.	2.2	17.	2.2	12.	4.9	13.	99.0	99.	2.1
27 7 81 2	14.4	-.03	.99	3.9	15.	2.9	12.	3.4	14.	5.6	14.	99.0	99.	.5
27 7 81 3	13.8	-.04	.98	2.9	15.	2.9	12.	2.3	14.	3.5	14.	99.0	99.	3.3
27 7 81 4	13.3	-.02	.98	2.5	18.	3.2	11.	1.9	14.	3.2	14.	99.0	99.	1.5
27 7 81 5	13.5	-.02	.98	1.1	19.	2.1	11.	1.4	16.	2.1	13.	99.0	99.	.1
27 7 81 6	13.4	-.05	.98	1.2	18.	.5	10.	1.3	14.	2.1	12.	99.0	99.	0.0
27 7 81 7	13.4	-.08	.98	1.2	17.	1.2	11.	1.6	13.	2.8	13.	99.0	99.	0.0
27 7 81 8	13.5	-.10	.98	1.1	15.	1.9	14.	1.5	14.	2.5	15.	99.0	99.	0.0
27 7 81 9	14.1	-.19	.95	1.1	15.	1.6	18.	1.3	13.	2.8	13.	99.0	99.	0.0
27 7 81 10	14.4	-.15	.93	.8	12.	1.0	19.	1.1	14.	2.5	11.	99.0	99.	0.0
27 7 81 11	15.0	-.22	.91	1.1	13.	1.3	19.	1.1	14.	2.1	9.	99.0	99.	0.0
27 7 81 12	14.9	-.22	.90	1.7	14.	0.0	00.	1.5	12.	2.8	11.	99.0	99.	0.0
27 7 81 13	15.0	-.32	.87	1.1	19.	99.0	99.	1.6	15.	3.2	12.	99.0	99.	0.0
27 7 81 14	14.2	-.43	.78	1.0	19.	0.0	00.	1.6	14.	3.9	12.	99.0	99.	0.0
27 7 81 15	16.4	-.40	.80	1.6	17.	0.0	00.	1.5	15.	4.2	12.	99.0	99.	0.0
27 7 81 16	16.1	-.29	.84	1.8	15.	0.0	00.	1.7	15.	3.5	14.	99.0	99.	0.0
27 7 81 17	14.5	-.39	.83	1.9	21.	0.0	99.	1.8	16.	3.5	18.	99.0	99.	0.0
27 7 81 18	16.2	-.28	.83	1.8	19.	0.0	00.	2.3	16.	3.2	18.	99.0	99.	0.0
27 7 81 19	16.0	-.29	.84	1.6	19.	0.0	00.	1.7	16.	2.8	17.	99.0	99.	0.0
27 7 81 20	14.9	-.05	.91	1.3	17.	0.0	00.	1.9	14.	2.5	14.	99.0	99.	0.0
27 7 81 21	13.7	.21	.95	1.1	17.	0.0	00.	1.9	15.	2.1	15.	99.0	99.	0.0
27 7 81 22	13.9	.15	.95	1.4	15.	0.0	00.	1.9	14.	2.5	15.	99.0	99.	0.0
27 7 81 23	13.8	.11	.94	1.6	14.	0.0	00.	1.8	12.	2.5	14.	99.0	99.	0.0
27 7 81 24	13.2	.22	.98	.8	10.	0.0	00.	1.6	12.	2.1	22.	99.0	99.	0.0

	I-AS	HT-ES	RE-AS	F-AS	D-AS	F-UHT	D-UHT	F-PER	D-PER	F-RA	D-RA	F-SA	D-SA	P-TA
28 7 81 1	12.8	.27	.98	1.9	23.	99.9	99.	1.1	2.	2.8	31.	99.0	99.	0.0
28 7 81 2	12.2	.45	.99	2.0	31.	99.9	99.	1.4	2.	3.2	31.	99.0	99.	0.0
28 7 81 3	12.3	.01	.99	2.2	32.	99.0	99.	1.5	2.	3.5	30.	99.0	99.	0.0
28 7 81 4	11.9	-.05	.99	2.7	32.	99.9	99.	2.1	1.	3.5	31.	99.0	99.	0.0
28 7 81 5	11.4	.02	.99	2.4	33.	99.9	99.	1.7	2.	2.5	31.	99.0	99.	0.0
28 7 81 6	11.9	.05	.99	2.1	34.	99.9	99.	1.7	2.	3.5	32.	99.0	99.	0.0
28 7 81 7	14.4	-.06	.83	2.5	34.	99.9	99.	1.9	1.	3.9	31.	99.0	99.	0.0
28 7 81 8	14.8	-.12	.76	2.4	35.	99.9	99.	1.5	2.	3.2	32.	99.0	99.	0.0
28 7 81 9	16.4	-.31	.70	1.5	31.	99.0	99.	1.3	3.	2.8	32.	99.0	99.	0.0
28 7 81 10	19.1	-.57	.64	1.4	32.	99.9	99.	.6	8.	2.1	39.	99.0	99.	0.0
28 7 81 11	20.1	-.49	.66	1.7	1011.	99.0	99.	1.7	20.	2.1	12.	99.0	99.	0.0
28 7 81 12	20.3	-.67	.68	2.5	14.	99.0	99.	1.5	20.	4.2	13.	99.0	99.	0.0
28 7 81 13	20.9	-.60	.66	2.4	14.	99.0	99.	2.1	14.	5.3	13.	99.0	99.	0.0
28 7 81 14	20.4	-.72	.72	3.9	14.	99.9	99.	3.1	14.	6.7	13.	99.0	99.	0.0
28 7 81 15	20.3	-.69	.71	3.9	15.	99.9	99.	3.9	14.	7.4	13.	99.0	99.	0.0
28 7 81 16	19.2	-.54	.74	3.8	15.	99.9	99.	3.9	15.	7.4	13.	99.0	99.	0.0
28 7 81 17	19.4	-.64	.72	3.4	16.	99.9	99.	3.8	14.	5.6	16.	99.0	99.	0.0
28 7 81 18	18.7	-.43	.73	3.1	18.	99.9	99.	4.1	17.	3.9	17.	99.0	99.	0.0
28 7 81 19	17.1	-.21	.80	2.7	20.	99.9	99.	3.1	16.	3.2	17.	99.0	99.	0.0
28 7 81 20	15.4	.02	.92	1.8	14.	99.0	99.	2.2	14.	3.2	14.	99.0	99.	0.0
28 7 81 21	15.0	.08	.96	2.1	14.	99.0	99.	2.4	14.	2.5	14.	99.0	99.	0.0
28 7 81 22	15.0	.17	.94	1.9	14.	99.0	99.	1.5	15.	2.1	14.	99.0	99.	0.0
28 7 81 23	15.3	.11	.99	2.3	16.	99.0	99.	1.8	15.	2.5	16.	99.0	99.	0.0
28 7 81 24	15.3	.06	.94	2.5	15.	99.9	99.	1.6	15.	2.8	15.	99.0	99.	0.0
29 7 81 1	15.3	-.09	.99	2.4	15.	99.0	99.	2.3	14.	2.5	16.	99.0	99.	0.0
29 7 81 2	15.1	.05	.99	1.3	14.	99.9	99.	1.8	14.	1.8	26.	99.0	99.	0.0
29 7 81 3	14.5	.17	1.59	1.9	1031.	99.9	99.	1.5	20.	2.5	31.	99.0	99.	0.0
29 7 81 4	14.1	.07	.99	1.1	1731.	99.9	99.	1.5	26.	2.5	24.	99.0	99.	0.0
29 7 81 5	14.1	.19	.99	.9	1732.	99.9	99.	2.1	24.	1.8	34.	99.0	99.	0.0
29 7 81 6	14.2	.05	.97	1.0	19.	99.0	99.	1.1	24.	1.8	14.	99.0	99.	.1
29 7 81 7	15.2	-.29	.87	1.4	23.	99.0	99.	1.5	16.	2.8	23.	99.0	99.	0.0
29 7 81 8	17.2	-.42	.78	1.7	21.	99.0	99.	1.9	17.	3.2	23.	99.0	99.	.1
29 7 81 9	17.9	-.43	.74	3.3	22.	99.0	99.	1.9	20.	4.2	22.	99.0	99.	0.0
29 7 81 10	19.0	-.66	.69	3.4	29.	99.0	99.	3.4	21.	4.9	18.	99.0	99.	0.0
29 7 81 11	19.9	-.56	.73	3.9	29.	99.0	99.	3.8	16.	4.3	17.	99.0	99.	0.0
29 7 81 12	19.2	-.65	.70	5.2	29.	99.9	99.	5.4	16.	7.4	17.	99.0	99.	0.0
29 7 81 13	19.2	-.64	.68	5.4	21.	99.0	99.	4.3	14.	4.2	22.	5.2	22.	0.0
29 7 81 14	19.1	-.61	.67	2.9	29.	99.0	99.	3.9	24.	4.9	18.	4.0	21.	0.0
29 7 81 15	19.0	-.54	.67	3.9	29.	99.0	99.	4.2	15.	4.2	22.	4.1	21.	0.0
29 7 81 16	19.2	-.45	.69	2.5	29.	99.0	99.	3.2	23.	2.5	23.	3.5	21.	0.0
29 7 81 17	18.7	-.57	.66	2.3	17.	99.0	99.	1.5	24.	2.1	22.	3.0	19.	0.0
29 7 81 18	18.7	-.43	.68	1.1	19.	99.0	99.	1.7	16.	2.8	23.	2.6	21.	0.0
29 7 81 19	18.5	-.19	.76	1.4	25.	99.0	99.	2.6	24.	2.5	24.	3.0	25.	0.0
29 7 81 20	15.3	.14	.88	1.4	31.	99.9	99.	1.9	26.	3.2	30.	2.4	29.	0.0
29 7 81 21	14.7	.14	.92	1.7	31.	99.0	99.	1.9	2.	3.5	30.	2.4	30.	0.0
29 7 81 22	14.5	.19	.96	2.8	33.	99.0	99.	2.1	1.	3.9	32.	2.5	33.	0.0
29 7 81 23	13.8	.14	.94	2.4	1.	99.0	99.	2.9	2.	3.9	32.	2.0	38.	0.0
29 7 81 24	13.0	.22	.96	3.2	1.	99.0	99.	2.6	2.	3.5	31.	2.0	9.	0.0
30 7 81 1	12.9	.21	.93	3.0	35.	99.0	99.	2.2	2.	3.5	31.	2.0	17.	0.0
30 7 81 2	12.9	.22	.91	2.9	35.	99.0	99.	2.1	2.	3.9	31.	2.2	18.	0.0
30 7 81 3	12.9	.22	.94	2.2	32.	99.0	99.	1.6	1.	3.9	30.	2.2	18.	0.0
30 7 81 4	13.2	.05	.97	3.4	31.	99.0	99.	1.6	2.	3.9	30.	99.0	99.	0.0
30 7 81 5	13.5	-.09	.93	3.1	31.	99.0	99.	2.2	2.	4.6	30.	99.0	99.	.1
30 7 81 6	14.2	-.11	.84	2.9	35.	99.0	99.	3.2	1.	5.6	32.	99.0	99.	0.0
30 7 81 7	17.7	-.59	.74	2.4	35.	99.0	99.	3.6	1.	4.9	32.	99.0	99.	0.0
30 7 81 8	17.8	-.61	.74	3.3	30.	99.0	99.	3.3	35.	5.3	32.	99.0	99.	0.0
30 7 81 9	17.5	-.49	.76	3.0	32.	99.0	99.	3.6	37.	4.9	33.	99.0	99.	0.0
30 7 81 10	19.0	-.55	.71	2.4	32.	99.0	99.	3.6	32.	3.9	35.	99.0	99.	0.0
30 7 81 11	20.9	-.57	.63	1.4	34.	99.0	99.	2.9	3.	3.2	1.	99.0	99.	0.0
30 7 81 12	22.1	-.67	.57	2.2	1.	99.0	99.	3.1	2.	2.1	7.	99.0	99.	0.0
30 7 81 13	23.5	-.79	.51	1.6	39.	99.9	99.	2.0	2.	2.1	12.	99.0	99.	0.0
30 7 81 14	23.5	-.78	.54	2.2	15.	99.0	99.	1.6	16.	3.5	13.	99.0	99.	0.0
30 7 81 15	21.6	-.62	.65	2.0	19.	99.0	99.	2.9	14.	4.6	14.	99.0	99.	0.0
30 7 81 16	21.1	-.68	.67	2.7	20.	99.0	99.	3.1	16.	3.5	20.	99.0	99.	0.0
30 7 81 17	22.4	-1.01	.62	2.5	21.	99.0	99.	2.9	16.	2.8	22.	99.0	99.	0.0
30 7 81 18	21.6	-.54	.65	1.2	14.	99.0	99.	2.4	16.	2.8	18.	99.0	99.	0.0
30 7 81 19	19.5	-.24	.71	2.2	15.	99.0	99.	2.0	14.	2.8	18.	99.0	99.	0.0
30 7 81 20	17.3	.35	.93	1.7	14.	99.0	99.	2.0	14.	2.8	12.	99.0	99.	0.0
30 7 81 21	15.8	1.07	.94	1.1	15.	99.0	99.	1.6	14.	1.4	1.	99.0	99.	0.0
30 7 81 22	15.2	.74	.94	.7	25.	99.0	99.	1.0	2.	1.8	33.	99.0	99.	0.0
30 7 81 23	14.7	.85	.94	1.7	31.	99.0	99.	1.2	2.	2.5	31.	99.0	99.	0.0
30 7 81 24	14.2	1.05	.99	2.9	31.	99.0	99.	1.6	1.	2.8	31.	99.0	99.	0.0

	T-15	DT-15	HH-15	F-15	D-15	F-11J	D-11J	F-1ER	D-1ER	F-1A	D-1A	F-1A	D-1A	P-1A			
31	7	81	1	13.0	.65	.71	2.5	32.	99.0	99.	1.6	2.	2.5	32.	99.0	99.	99.0
31	7	81	2	13.4	.65	.90	2.9	32.	99.0	99.	1.1	2.	2.9	32.	99.0	99.	99.0
31	7	81	3	13.2	.55	.78	3.2	32.	99.0	99.	2.6	32.	2.8	33.	99.0	99.	99.0
31	7	81	4	12.9	.54	.72	4.5	32.	99.0	99.	3.1	31.	2.8	33.	99.0	99.	99.0
31	7	81	5	13.3	.17	.68	5.1	32.	99.0	99.	3.0	32.	4.2	32.	99.0	99.	99.0
31	7	81	6	14.4	-.13	.54	6.1	32.	99.0	99.	3.1	31.	6.0	32.	99.0	99.	99.0
31	7	81	7	15.6	-.31	.43	5.8	32.	99.0	99.	3.2	29.	4.2	32.	99.0	99.	99.0
31	7	81	8	17.1	-.42	.59	5.7	32.	99.0	99.	4.2	26.	5.3	32.	99.0	99.	99.0
31	7	81	9	19.1	-.64	.52	4.3	32.	99.0	99.	3.6	30.	5.3	32.	99.0	99.	99.0
31	7	81	10	20.5	-.79	.47	3.1	32.	99.0	99.	3.4	30.	4.9	32.	99.0	99.	99.0
31	7	81	11	21.1	-.70	.43	3.2	31.	99.0	99.	3.1	28.	6.0	32.	99.0	99.	99.0
31	7	81	12	21.5	-.72	.40	4.5	32.	99.0	99.	4.8	25.	5.6	31.	99.0	99.	99.0
31	7	81	13	21.5	-.68	.36	4.3	31.	99.0	99.	4.6	24.	6.0	31.	99.0	99.	99.0
31	7	81	14	21.7	-.73	.35	5.3	31.	99.0	99.	4.7	27.	6.3	32.	99.0	99.	99.0
31	7	81	15	20.9	-.56	.34	5.4	28.	99.0	99.	5.2	29.	6.0	27.	99.0	99.	99.0
31	7	81	16	20.1	-.44	.33	5.8	29.	99.0	99.	5.4	23.	6.0	29.	99.0	99.	99.0
31	7	81	17	19.8	-.43	.33	5.2	29.	99.0	99.	5.2	20.	5.6	28.	99.0	99.	99.0
31	7	81	18	19.6	-.19	.34	5.6	28.	99.0	99.	6.1	26.	4.6	28.	99.0	99.	99.0
31	7	81	19	17.2	-.05	.37	5.1	28.	99.0	99.	5.6	25.	3.5	27.	99.0	99.	99.0
31	7	81	20	15.4	.04	.42	3.9	27.	99.0	99.	4.5	25.	3.5	27.	99.0	99.	99.0
31	7	81	21	14.1	.08	.47	3.2	28.	99.0	99.	4.3	26.	3.2	27.	99.0	99.	99.0
31	7	81	22	12.6	.15	.53	2.5	27.	99.0	99.	3.6	26.	3.2	27.	99.0	99.	99.0
31	7	81	23	11.5	.19	.59	2.4	28.	99.0	99.	3.1	26.	2.8	30.	99.0	99.	99.0
31	7	81	24	10.1	.25	.69	1.2	1029.	99.0	99.	3.0	26.	2.5	28.	99.0	99.	99.0
1	8	81	1	9.8	.26	.72	1.4	25.	99.0	99.	2.5	26.	2.5	27.	99.0	99.	99.0
1	8	81	2	10.3	.23	.70	2.7	29.	99.0	99.	1.9	21.	2.5	27.	99.0	99.	99.0
1	8	81	3	9.4	.34	.75	2.3	30.	99.0	99.	2.3	24.	2.8	27.	99.0	99.	99.0
1	8	81	4	8.6	.38	.93	2.8	31.	99.0	99.	2.1	26.	3.2	30.	99.0	99.	99.0
1	8	81	5	9.2	-.04	.92	2.3	32.	99.0	99.	1.6	1.	3.2	32.	99.0	99.	99.0
1	8	81	6	12.4	-.54	.72	2.5	32.	99.0	99.	1.1	3.	3.2	34.	99.0	99.	99.0
1	8	81	7	14.4	-.65	.63	3.0	32.	99.0	99.	1.3	6.	4.2	32.	99.0	99.	99.0
1	8	81	8	16.1	-.72	.57	3.2	32.	99.0	99.	2.8	30.	4.6	33.	99.0	99.	99.0
1	8	81	9	17.7	-.85	.52	2.0	32.	99.0	99.	1.8	26.	3.9	34.	99.0	99.	99.0
1	8	81	10	19.1	-.97	.47	2.1	33.	99.0	99.	2.5	24.	3.5	35.	99.0	99.	99.0
1	8	81	11	19.8	-.94	.42	1.5	132.	99.0	99.	2.5	24.	3.2	6.	99.0	99.	99.0
1	8	81	12	17.4	-.48	.51	3.5	18.	99.0	99.	2.6	20.	7.4	14.	99.0	99.	99.0
1	8	81	13	17.1	-.45	.57	4.0	20.	99.0	99.	4.4	17.	6.3	17.	99.0	99.	99.0
1	8	81	14	18.0	-.57	.56	4.2	20.	99.0	99.	3.4	16.	6.7	18.	99.0	99.	99.0
1	8	81	15	19.4	-.82	.53	4.4	20.	99.0	99.	3.7	16.	6.0	17.	99.0	99.	99.0
1	8	81	16	19.7	-.84	.50	3.4	19.	99.0	99.	3.3	16.	5.3	17.	99.0	99.	99.0
1	8	81	17	19.5	-.62	.49	3.2	21.	99.0	99.	3.1	16.	4.2	19.	99.0	99.	99.0
1	8	81	18	19.5	-.50	.48	2.8	21.	99.0	99.	2.2	16.	2.5	21.	99.0	99.	99.0
1	8	81	19	19.1	-.25	.49	2.9	23.	99.0	99.	2.6	20.	4.6	32.	99.0	99.	99.0
1	8	81	20	16.2	.05	.49	4.2	31.	99.0	99.	4.4	26.	4.9	30.	99.0	99.	99.0
1	8	81	21	14.4	.16	.53	4.3	30.	99.0	99.	4.0	26.	4.2	29.	99.0	99.	99.0
1	8	81	22	13.0	.19	.50	2.6	31.	99.0	99.	4.6	28.	3.9	29.	99.0	99.	99.0
1	8	81	23	12.2	.23	.63	3.4	32.	99.0	99.	3.6	28.	5.6	29.	99.0	99.	99.0
1	8	81	24	11.9	.13	.62	4.2	31.	99.0	99.	4.2	28.	5.3	30.	99.0	99.	99.0
2	8	81	1	11.5	.16	.61	5.1	32.	99.0	99.	4.0	28.	3.9	31.	99.0	99.	99.0
2	8	81	2	11.1	.18	.61	5.5	32.	99.0	99.	3.4	28.	4.6	31.	99.0	99.	99.0
2	8	81	3	10.6	.20	.61	4.4	32.	99.0	99.	3.1	29.	4.9	30.	99.0	99.	99.0
2	8	81	4	10.5	.12	.63	3.8	31.	99.0	99.	4.6	27.	3.5	29.	99.0	99.	99.0
2	8	81	5	10.4	0.00	.64	2.8	30.	99.0	99.	3.8	26.	2.8	27.	99.0	99.	99.0
2	8	81	6	12.5	-.53	.61	1.3	23.	99.0	99.	2.8	26.	2.8	24.	99.0	99.	99.0
2	8	81	7	14.6	-.59	.57	1.1	25.	99.0	99.	1.7	25.	2.8	26.	99.0	99.	99.0
2	8	81	8	14.3	-.32	.57	2.0	27.	99.0	99.	2.8	26.	3.2	25.	99.0	99.	99.0
2	8	81	9	14.2	-.26	.57	2.6	28.	99.0	99.	3.4	24.	3.2	27.	99.0	99.	99.0
2	8	81	10	13.7	-.14	.55	4.3	28.	99.0	99.	4.4	24.	3.9	27.	99.0	99.	99.0
2	8	81	11	14.6	-.30	.56	3.5	26.	99.0	99.	4.4	26.	5.3	25.	99.0	99.	99.0
2	8	81	12	15.3	-.26	.56	5.0	23.	99.0	99.	5.9	24.	4.9	24.	99.0	99.	99.0
2	8	81	13	16.0	-.34	.57	4.1	24.	99.0	99.	3.9	22.	4.6	23.	99.0	99.	99.0
2	8	81	14	17.1	-.30	.52	4.2	25.	99.0	99.	5.7	24.	5.3	27.	99.0	99.	99.0
2	8	81	15	18.3	-.42	.48	4.9	29.	99.0	99.	5.8	26.	4.9	29.	99.0	99.	99.0
2	8	81	16	18.0	-.35	.48	4.6	28.	99.0	99.	5.4	26.	4.6	27.	99.0	99.	99.0
2	8	81	17	18.4	-.42	.48	4.4	27.	99.0	99.	4.9	25.	4.2	27.	99.0	99.	99.0
2	8	81	18	18.3	-.27	.47	4.4	28.	99.0	99.	8.2	26.	3.5	27.	99.0	99.	99.0
2	8	81	19	17.5	-.14	.50	3.7	28.	99.0	99.	3.5	26.	4.2	31.	99.0	99.	99.0
2	8	81	20	15.5	-.03	.55	3.0	30.	99.0	99.	2.8	28.	3.5	30.	99.0	99.	99.0
2	8	81	21	14.5	.12	.57	4.1	29.	99.0	99.	3.2	24.	2.5	27.	99.0	99.	99.0
2	8	81	22	13.5	.23	.52	3.5	30.	99.0	99.	3.3	26.	2.1	29.	99.0	99.	99.0
2	8	81	23	12.6	.21	.45	2.5	27.	99.0	99.	1.9	24.	2.5	29.	99.0	99.	99.0
2	8	81	24	11.7	.22	.70	2.0	27.	99.0	99.	2.6	24.	2.8	30.	99.0	99.	99.0

			F-45	DT-45	RII-45	F-45	D-45	F-III	D-III	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
3	8	81	1	10.8	.35	.80	1.9	30.	99.0	99.	2.9	26.	2.5	30.	99.0	99.	0.0
3	8	81	2	11.0	.37	.80	2.4	31.	99.0	99.	2.1	25.	2.5	29.	99.0	99.	0.0
3	8	81	3	11.0	.11	.40	1.9	28.	99.0	99.	1.7	24.	3.2	31.	99.0	99.	0.0
3	8	81	4	10.2	.19	.90	2.4	31.	99.0	99.	1.2	28.	3.2	31.	99.0	99.	0.0
3	8	81	5	10.7	.18	.84	3.0	31.	99.0	99.	2.1	24.	2.8	32.	99.0	99.	0.0
3	8	81	6	11.5	-.02	.79	2.1	30.	99.0	99.	1.7	34.	3.2	32.	99.0	99.	0.0
3	8	81	7	11.5	-.08	.80	3.3	32.	99.0	99.	2.8	28.	4.2	32.	99.0	99.	0.0
3	8	81	8	12.4	-.31	.79	2.8	32.	99.0	99.	2.1	30.	2.5	33.	99.0	99.	0.0
3	8	81	9	13.0	-.39	.75	1.7	30.	99.0	99.	1.9	26.	2.5	29.	99.0	99.	0.0
3	8	81	10	17.2	-.68	.62	1.7	1023.	99.0	99.	2.1	24.	3.2	10.	99.0	99.	0.0
3	8	81	11	17.7	-.60	.61	2.2	13.	99.0	99.	1.8	16.	4.9	12.	99.0	99.	0.0
3	8	81	12	18.0	-.55	.64	3.6	13.	99.0	99.	2.8	13.	7.0	13.	99.0	99.	0.0
3	8	81	13	18.3	-.45	.68	4.0	13.	99.0	99.	3.7	14.	6.3	16.	99.0	99.	0.0
3	8	81	14	19.3	-.61	.66	4.0	13.	99.0	99.	3.4	14.	7.7	14.	99.0	99.	0.0
3	8	81	15	19.1	-.51	.70	3.9	14.	99.0	99.	4.2	13.	7.0	14.	99.0	99.	0.0
3	8	81	16	17.8	-.29	.74	3.5	16.	99.0	99.	3.9	12.	5.3	16.	99.0	99.	0.0
3	8	81	17	16.9	-.20	.78	2.8	15.	99.0	99.	3.1	14.	4.2	14.	99.0	99.	0.0
3	8	81	18	15.5	-.19	.92	3.3	12.	99.0	99.	3.1	14.	3.5	13.	99.0	99.	0.0
3	8	81	19	15.7	.05	.98	2.6	14.	99.0	99.	2.5	15.	3.9	22.	99.0	99.	0.0
3	8	81	20	15.5	.04	.82	1.7	17.	99.0	99.	2.8	16.	4.2	22.	99.0	99.	0.0
3	8	81	21	15.1	.04	.81	3.0	21.	99.0	99.	2.3	16.	4.6	22.	99.0	99.	0.0
3	8	81	22	14.5	.07	.83	3.5	24.	99.0	99.	2.3	20.	3.9	22.	99.0	99.	0.0
3	8	81	23	13.9	.05	.88	1.9	23.	99.0	99.	1.6	22.	2.8	24.	99.0	99.	0.0
3	8	81	24	13.6	.12	.93	2.2	21.	99.0	99.	1.9	16.	2.8	20.	99.0	99.	0.0
4	8	81	1	13.5	.19	.95	3.2	22.	99.0	99.	1.6	13.	3.2	20.	99.0	99.	0.0
4	8	81	2	13.9	.14	.97	3.4	20.	99.0	99.	2.2	14.	3.9	20.	99.0	99.	0.0
4	8	81	3	12.7	.03	.98	3.6	20.	99.0	99.	1.9	16.	3.9	19.	99.0	99.	0.0
4	8	81	4	12.8	.02	.96	3.5	21.	99.0	99.	1.9	16.	4.6	21.	99.0	99.	0.0
4	8	81	5	12.8	-.07	.94	4.3	21.	99.0	99.	2.4	16.	4.9	21.	99.0	99.	0.0
4	8	81	6	12.9	-.08	.95	3.6	21.	99.0	99.	1.7	20.	3.5	20.	99.0	99.	0.0
4	8	81	7	12.7	-.11	.99	2.5	19.	99.0	99.	1.9	17.	2.1	22.	99.0	99.	1.0
4	8	81	8	14.0	-.29	.95	1.7	20.	99.0	99.	2.1	16.	2.5	18.	99.0	99.	0.0
4	8	81	9	16.1	-.60	.87	2.4	19.	99.0	99.	2.5	15.	3.5	22.	99.0	99.	.1
4	8	81	10	17.5	-.59	.81	2.4	19.	99.0	99.	2.6	16.	3.5	22.	99.0	99.	0.0
4	8	81	11	19.3	-.69	.75	2.5	19.	99.0	99.	2.1	20.	3.5	20.	99.0	99.	0.0
4	8	81	12	20.1	-.81	.75	3.1	18.	99.0	99.	3.0	15.	8.1	14.	99.0	99.	0.0
4	8	81	13	19.2	-.53	.78	3.3	15.	99.0	99.	3.4	15.	6.3	15.	99.0	99.	0.0
4	8	81	14	21.2	-.75	.70	3.2	17.	99.0	99.	3.6	14.	5.3	18.	99.0	99.	0.0
4	8	81	15	21.6	-.74	.67	3.3	17.	99.0	99.	3.6	14.	4.9	18.	99.0	99.	0.0
4	8	81	16	21.8	-.80	.67	3.1	18.	99.0	99.	3.0	15.	4.6	18.	99.0	99.	0.0
4	8	81	17	20.4	-.59	.75	3.1	13.	99.0	99.	3.6	14.	5.3	15.	99.0	99.	0.0
4	8	81	18	18.7	-.27	.83	3.2	13.	99.0	99.	3.1	13.	4.9	13.	99.0	99.	0.0
4	8	81	19	17.4	-.18	.89	2.6	12.	99.0	99.	2.1	13.	4.6	12.	99.0	99.	0.0
4	8	81	20	15.4	-.00	.78	3.0	12.	99.0	99.	1.7	13.	3.5	14.	99.0	99.	0.0
4	8	81	21	14.5	.23	1.00	2.0	12.	99.0	99.	1.5	3.	1.8	14.	99.0	99.	0.0
4	8	81	22	13.9	.47	.99	1.0	9.	99.0	99.	.3	2.	2.1	99.	99.0	99.	0.0
4	8	81	23	13.3	.42	.99	.6	34.	99.0	99.	.9	2.	1.8	32.	99.0	99.	0.0
4	8	81	24	13.2	.59	.99	.6	32.	99.0	99.	1.1	2.	1.8	32.	99.0	99.	0.0
5	8	81	1	12.9	.93	.99	1.0	30.	99.0	99.	.9	3.	1.8	32.	99.0	99.	0.0
5	8	81	2	12.8	1.18	.99	.9	30.	99.0	99.	1.6	1.	1.8	32.	99.0	99.	0.0
5	8	81	3	12.4	.09	.99	1.6	32.	99.0	99.	1.7	1.	2.1	32.	99.0	99.	0.0
5	8	81	4	12.0	.05	.98	1.3	33.	99.0	99.	2.1	1.	2.1	33.	99.0	99.	0.0
5	8	81	5	11.5	.59	.97	2.3	34.	99.0	99.	2.6	1.	1.8	32.	99.0	99.	0.0
5	8	81	6	11.7	-.04	.98	2.0	32.	99.0	99.	1.5	1.	2.1	35.	99.0	99.	0.0
5	8	81	7	13.2	-.07	.98	.9	35.	99.0	99.	1.3	2.	1.8	36.	99.0	99.	0.0
5	8	81	8	14.1	-.08	.99	.4	1031.	99.0	99.	.7	3.	1.8	99.	99.0	99.	0.0
5	8	81	9	16.2	-.08	.81	.4	1023.	99.0	99.	.8	9.	1.8	99.	99.0	99.	0.0
5	8	81	10	16.9	-.34	.80	1.9	12.	99.0	99.	1.3	13.	2.8	38.	99.0	99.	0.0
5	8	81	11	17.6	-.43	.83	2.6	14.	99.0	99.	1.7	14.	5.3	12.	99.0	99.	0.0
5	8	81	12	19.6	-.44	.74	3.9	12.	99.0	99.	3.1	13.	7.7	13.	99.0	99.	0.0
5	8	81	13	19.0	-.46	.79	3.7	15.	99.0	99.	4.0	14.	7.4	14.	99.0	99.	0.0
5	8	81	14	19.0	-.46	.79	3.1	16.	99.0	99.	4.0	13.	7.0	14.	99.0	99.	0.0
5	8	81	15	18.8	-.51	.82	3.9	14.	99.0	99.	3.5	14.	6.7	14.	99.0	99.	0.0
5	8	81	16	17.8	-.45	.87	3.9	15.	99.0	99.	3.9	14.	7.0	14.	99.0	99.	0.0
5	8	81	17	16.3	-.23	.92	3.4	15.	99.0	99.	3.0	15.	4.9	14.	99.0	99.	0.0
5	8	81	18	16.8	-.37	.91	2.4	16.	99.0	99.	2.6	13.	4.9	13.	99.0	99.	0.0
5	8	81	19	15.8	-.21	.95	2.8	14.	99.0	99.	2.8	13.	4.0	13.	99.0	99.	0.0
5	8	81	20	14.6	-.11	.99	2.5	18.	99.0	99.	2.4	14.	4.6	13.	99.0	99.	0.0
5	8	81	21	14.3	-.08	.99	1.6	15.	99.0	99.	2.2	16.	3.2	14.	99.0	99.	0.0
5	8	81	22	14.2	-.05	.99	1.6	14.	99.0	99.	1.9	14.	2.8	14.	99.0	99.	0.0
5	8	81	23	14.2	-.09	.99	1.4	13.	99.0	99.	1.9	14.	2.1	15.	99.0	99.	0.0
5	8	81	24	14.2	0.00	.99	1.9	12.	99.0	99.	1.1	10.	2.5	14.	99.0	99.	0.0

				T-AS	DT-AS	RU-AS	F-AS	D-AS	F-UNI	D-UNI	F-MER	D-MER	F-RA	D-RA	F-SA	D-SA	P-TA
6	8	81	1	14.3	-.02	.79	2.1	13.	99.0	99.	1.5	8.	1.8	17.	99.0	99.	0.0
6	8	81	2	14.3	-.01	.79	2.4	8.	99.0	99.	1.7	2.	2.1	35.	99.0	99.	0.0
6	8	81	3	14.3	-.02	.79	2.5	1007.	99.0	99.	1.7	1.	2.8	33.	99.0	99.	0.0
6	8	81	4	13.9	-.05	.79	2.7	31.	99.0	99.	2.0	32.	3.2	31.	99.0	99.	0.0
6	8	81	5	13.5	-.06	.78	3.3	31.	99.0	99.	2.1	30.	3.5	30.	99.0	99.	0.0
6	8	81	6	13.5	-.02	.99	2.6	32.	99.0	99.	1.7	32.	2.8	30.	99.0	99.	0.0
6	8	81	7	13.7	-.56	.74	2.4	31.	99.0	99.	1.9	3.	2.8	31.	99.0	99.	0.0
6	8	81	8	16.9	-.72	.78	1.8	32.	99.0	99.	1.1	5.	3.2	34.	99.0	99.	0.0
6	8	81	9	21.6	-.83	.60	1.7	32.	99.0	99.	2.5	28.	4.2	34.	99.0	99.	0.0
6	8	81	10	22.9	-.90	.52	2.2	32.	99.0	99.	2.5	32.	3.5	33.	99.0	99.	0.0
6	8	81	11	23.5	-.98	.43	1.9	31.	99.0	99.	2.3	24.	3.5	35.	99.0	99.	0.0
6	8	81	12	24.2	-.94	.40	2.2	32.	99.0	99.	2.4	30.	3.9	35.	99.0	99.	0.0
6	8	81	13	24.0	-.83	.42	2.0	1018.	99.0	99.	3.4	22.	6.3	38.	99.0	99.	0.0
6	8	81	14	23.1	-.72	.45	3.1	17.	99.0	99.	3.4	16.	7.0	13.	99.0	99.	0.0
6	8	81	15	22.5	-.64	.49	3.4	15.	99.0	99.	3.4	15.	7.7	13.	99.0	99.	0.0
6	8	81	16	20.5	-.45	.60	3.1	13.	99.0	99.	3.4	14.	7.0	13.	99.0	99.	0.0
6	8	81	17	21.1	-.55	.61	2.8	12.	99.0	99.	2.9	14.	5.6	14.	99.0	99.	0.0
6	8	81	18	20.0	-.36	.64	2.9	15.	99.0	99.	2.4	15.	3.9	16.	99.0	99.	0.0
6	8	81	19	18.5	-.14	.74	2.3	15.	99.0	99.	1.9	15.	3.9	13.	99.0	99.	0.0
6	8	81	20	16.3	.12	.88	2.8	13.	99.0	99.	2.2	14.	3.2	14.	99.0	99.	0.0
6	8	81	21	15.2	.42	.95	2.7	12.	99.0	99.	1.3	8.	1.8	16.	99.0	99.	0.0
6	8	81	22	14.3	.45	.93	2.4	11.	99.0	99.	1.3	2.	1.8	38.	99.0	99.	0.0
6	8	81	23	13.9	.53	.91	2.0	11.	99.0	99.	1.4	2.	2.1	33.	99.0	99.	0.0
6	8	81	24	13.1	.72	.95	1.5	10.	99.0	99.	1.6	2.	2.5	32.	99.0	99.	0.0
7	8	81	1	12.3	1.06	.99	1.6	34.	99.0	99.	1.9	1.	2.5	32.	99.0	99.	0.0
7	8	81	2	11.6	.81	.94	2.7	34.	99.0	99.	2.5	1.	2.1	33.	99.0	99.	0.0
7	8	81	3	11.9	.57	.93	2.3	35.	99.0	99.	1.7	2.	2.1	35.	99.0	99.	0.0
7	8	81	4	12.2	.35	.95	2.2	35.	99.0	99.	1.5	2.	2.1	33.	99.0	99.	0.0
7	8	81	5	11.9	.42	.96	1.5	35.	99.0	99.	1.9	2.	1.8	33.	99.0	99.	0.0
7	8	81	6	14.1	-.17	.85	1.6	36.	99.0	99.	1.8	2.	2.8	31.	99.0	99.	0.0
7	8	81	7	16.4	-.55	.76	1.2	34.	99.0	99.	1.6	2.	2.5	33.	99.0	99.	0.0
7	8	81	8	17.4	-.56	.71	1.5	34.	99.0	99.	1.1	2.	2.1	34.	99.0	99.	0.0
7	8	81	9	12.4	-.55	.68	1.0	1008.	99.0	99.	.8	1.	1.8	9.	99.0	99.	0.0
7	8	81	10	12.1	-.31	.72	1.3	30.	99.0	99.	.9	3.	1.8	35.	99.0	99.	0.0
7	8	81	11	20.9	-.60	.52	1.3	27.	99.0	99.	.9	2.	1.4	99.	99.0	99.	0.0
7	8	81	12	20.8	-.02	.51	1.1	27.	99.0	99.	2.1	24.	1.8	8.	99.0	99.	0.0
7	8	81	13	20.4	-.37	.50	1.1	22.	99.0	99.	1.7	20.	2.8	11.	99.0	99.	0.0
7	8	81	14	12.4	-.14	.77	1.7	13.	99.0	99.	1.5	14.	3.5	13.	99.0	99.	0.0
7	8	81	15	16.9	-.04	.93	1.3	1011.	99.0	99.	1.6	12.	3.2	14.	99.0	99.	0.0
7	8	81	16	17.3	.06	.92	1.4	16.	99.0	99.	1.1	15.	2.5	0.	99.0	99.	.1
7	8	81	17	12.4	-.46	.78	.8	1023.	99.0	99.	1.3	14.	1.8	9.	99.0	99.	.1
7	8	81	18	20.2	-.49	.69	.2	1023.	99.0	99.	1.3	13.	1.8	12.	99.0	99.	0.0
7	8	81	19	21.0	-.69	.65	1.1	33.	99.0	99.	1.2	2.	2.5	34.	99.0	99.	0.0
7	8	81	20	16.4	.14	.86	1.4	36.	99.0	99.	1.6	2.	1.8	33.	99.0	99.	0.0
7	8	81	21	14.4	.74	.93	1.4	1.	99.0	99.	1.2	3.	2.8	31.	99.0	99.	0.0
7	8	81	22	13.4	1.45	.99	2.1	34.	99.0	99.	1.6	2.	2.1	32.	99.0	99.	0.0
7	8	81	23	12.1	.90	.95	2.2	35.	99.0	99.	1.7	2.	2.5	32.	99.0	99.	0.0
7	8	81	24	12.8	.75	.94	2.7	35.	99.0	99.	2.3	2.	2.5	32.	99.0	99.	0.0
8	8	81	1	12.2	.82	.76	3.4	35.	99.0	99.	1.9	1.	2.5	34.	99.0	99.	0.0
8	8	81	2	11.9	.62	.97	3.5	34.	99.0	99.	2.0	2.	3.5	31.	99.0	99.	0.0
8	8	81	3	11.2	.48	.99	2.9	35.	99.0	99.	1.8	2.	3.2	31.	99.0	99.	0.0
8	8	81	4	11.0	.43	.99	2.9	35.	99.0	99.	1.8	1.	3.9	30.	99.0	99.	0.0
8	8	81	5	11.2	.52	.97	2.7	36.	99.0	99.	1.5	1.	3.9	31.	99.0	99.	0.0
8	8	81	6	12.4	.12	.95	2.4	33.	99.0	99.	1.5	2.	3.9	31.	99.0	99.	0.0
8	8	81	7	13.9	-.12	.91	2.3	34.	99.0	99.	2.1	2.	3.5	31.	99.0	99.	0.0
8	8	81	8	14.7	-.01	.91	1.9	36.	99.0	99.	1.3	2.	2.8	30.	99.0	99.	0.0
8	8	81	9	15.5	-.05	.91	2.4	4.	99.0	99.	3.4	3.	4.2	36.	99.0	99.	0.0
8	8	81	10	16.1	-.16	.90	3.1	4.	99.0	99.	3.9	2.	3.9	4.	99.0	99.	0.0
8	8	81	11	18.2	-.45	.80	1.2	1.	99.0	99.	2.8	1.	2.5	1.	99.0	99.	0.0
8	8	81	12	20.0	-.38	.67	2.9	8.	99.0	99.	3.8	3.	3.2	5.	99.0	99.	0.0
8	8	81	13	20.5	-.43	.65	2.8	8.	99.0	99.	3.8	3.	3.2	7.	99.0	99.	0.0
8	8	81	14	21.5	-.53	.61	3.0	8.	99.0	99.	3.4	4.	3.2	10.	99.0	99.	0.0
8	8	81	15	21.7	-.45	.60	2.7	9.	99.0	99.	3.5	4.	3.5	10.	99.0	99.	0.0
8	8	81	16	21.5	-.45	.60	3.2	9.	99.0	99.	2.9	10.	4.2	12.	99.0	99.	0.0
8	8	81	17	21.4	-.46	.60	2.9	11.	99.0	99.	2.9	9.	4.2	13.	99.0	99.	0.0
8	8	81	18	20.8	-.27	.62	2.4	10.	99.0	99.	2.4	8.	3.5	13.	99.0	99.	0.0
8	8	81	19	19.9	-.15	.68	1.8	12.	99.0	99.	1.6	8.	4.2	13.	99.0	99.	0.0
8	8	81	20	17.7	.13	.77	2.7	14.	99.0	99.	2.4	12.	4.2	14.	99.0	99.	0.0
8	8	81	21	15.7	.27	.94	1.6	16.	99.0	99.	1.7	13.	2.1	15.	99.0	99.	0.0
8	8	81	22	14.5	.41	.97	1.3	18.	99.0	99.	1.2	13.	1.4	38.	99.0	99.	0.0
8	8	81	23	13.3	.64	.98	.9	28.	99.0	99.	1.6	8.	1.8	38.	99.0	99.	0.0
8	8	81	24	13.0	.81	.99	1.5	35.	99.0	99.	1.5	2.	2.1	31.	99.0	99.	0.0

		T-AS	DT-AS	RH-AS	F-AS	D-AS	F-UNI	D-UNI	F-MER	D-MER	F-RA	D-RA	F-SA	D-SA	P-TA		
9	8	31	1	12.4	.65	.70	2.1	34.	99.0	99.	1.8	2.	2.1	32.	99.0	99.	0.0
9	8	31	2	12.0	.65	.70	1.7	34.	99.0	99.	2.1	2.	2.5	32.	99.0	99.	0.0
9	8	31	3	11.8	.54	.74	2.7	35.	99.0	99.	2.0	2.	2.5	32.	99.0	99.	0.0
9	8	31	4	11.6	.70	.74	2.5	34.	99.0	99.	2.2	2.	2.1	33.	99.0	99.	0.0
9	8	31	5	11.8	.65	.74	1.5	1.	99.0	99.	1.8	2.	2.1	33.	99.0	99.	0.0
9	8	31	6	13.8	.05	.89	1.5	35.	99.0	99.	1.5	2.	2.1	32.	99.0	99.	0.0
9	8	31	7	14.0	-.27	.84	1.1	34.	99.0	99.	1.1	2.	1.8	32.	99.0	99.	0.0
9	8	31	8	14.8	-.65	.75	1.2	1112.	99.0	99.	1.1	2.	1.8	1.	99.0	99.	0.0
9	8	31	9	10.0	-.60	.68	2.0	14.	99.0	99.	1.2	20.	2.8	12.	99.0	99.	0.0
9	8	31	10	10.7	-.57	.58	2.2	14.	99.0	99.	2.1	14.	4.4	13.	99.0	99.	0.0
9	8	31	11	20.1	-.62	.52	2.0	15.	99.0	99.	2.4	17.	4.6	14.	99.0	99.	0.0
9	8	31	12	20.5	-.77	.47	2.7	18.	99.0	99.	2.4	20.	5.5	15.	99.0	99.	0.0
9	8	31	13	20.2	-.78	.48	2.4	17.	99.0	99.	2.6	17.	4.2	14.	99.0	99.	0.0
9	8	31	14	21.2	-1.01	.47	1.2	14.	99.0	99.	5.1	20.	3.5	14.	99.0	99.	0.0
9	8	31	15	21.6	-.75	.49	2.4	15.	99.0	99.	2.8	21.	4.6	15.	99.0	99.	0.0
9	8	31	16	21.6	-.74	.47	2.5	16.	99.0	99.	1.9	20.	4.0	14.	99.0	99.	0.0
9	8	31	17	21.3	-.75	.46	1.2	13.	99.0	99.	2.0	19.	3.0	14.	99.0	99.	0.0
9	8	31	18	20.4	-.65	.47	1.3	19.	99.0	99.	2.0	17.	2.8	19.	99.0	99.	0.0
9	8	31	19	20.1	-.62	.49	1.1	22.	99.0	99.	1.6	20.	2.1	21.	99.0	99.	0.0
9	8	31	20	14.6	-.14	.52	.5	25.	99.0	99.	1.4	14.	1.8	38.	99.0	99.	0.0
9	8	31	21	15.2	.30	.55	.3	20.	99.0	99.	1.1	3.	1.8	32.	99.0	99.	0.0
9	8	31	22	14.5	.47	.72	.2	1009.	99.0	99.	1.1	2.	1.8	25.	99.0	99.	0.0
9	8	31	23	13.2	1.22	.74	.4	31.	99.0	99.	1.5	2.	1.8	32.	99.0	99.	0.0
9	8	31	24	12.0	1.14	.96	1.8	34.	99.0	99.	1.5	2.	2.1	32.	99.0	99.	0.0
10	8	31	1	13.0	.46	.74	1.7	33.	99.0	99.	1.6	2.	2.1	32.	99.0	99.	0.0
10	8	31	2	13.3	.29	.85	2.3	34.	99.0	99.	1.9	2.	2.1	33.	99.0	99.	0.0
10	8	31	3	13.5	.25	.74	2.2	34.	99.0	99.	2.0	2.	2.5	35.	99.0	99.	0.0
10	8	31	4	13.3	.11	.86	2.4	35.	99.0	99.	1.2	2.	3.2	32.	99.0	99.	0.0
10	8	31	5	13.4	.10	.90	2.5	34.	99.0	99.	2.1	2.	2.8	32.	99.0	99.	0.0
10	8	31	6	13.5	-.01	.92	2.2	35.	99.0	99.	1.5	3.	2.8	31.	99.0	99.	0.0
10	8	31	7	13.2	-.05	.99	2.7	32.	99.0	99.	1.8	3.	2.8	32.	99.0	99.	.6
10	8	31	8	13.4	-.07	.97	1.7	34.	99.0	99.	2.2	2.	3.5	32.	99.0	99.	0.0
10	8	31	9	13.5	-.12	.97	2.7	34.	99.0	99.	2.1	2.	3.5	32.	99.0	99.	0.0
10	8	31	10	13.8	-.19	.94	1.8	35.	99.0	99.	1.5	3.	2.5	32.	99.0	99.	0.0
10	8	31	11	14.5	-.30	.92	1.5	31.	99.0	99.	1.1	2.	2.5	33.	99.0	99.	0.0
10	8	31	12	15.0	-.40	.91	1.4	32.	99.0	99.	1.2	4.	2.5	33.	99.0	99.	0.0
10	8	31	13	15.1	-.25	.90	.8	31.	99.0	99.	.9	8.	1.8	35.	99.0	99.	0.0
10	8	31	14	14.0	-.30	.87	.5	1030.	99.0	99.	.7	30.	2.5	35.	99.0	99.	0.0
10	8	31	15	14.0	-.34	.87	.7	31.	99.0	99.	1.1	6.	2.1	4.	99.0	99.	0.0
10	8	31	16	14.8	-.37	.81	.4	20.	99.0	99.	1.4	15.	2.8	13.	99.0	99.	0.0
10	8	31	17	17.2	-.42	.80	1.0	16.	99.0	99.	1.5	16.	2.8	14.	99.0	99.	0.0
10	8	31	18	16.2	-.24	.87	1.5	14.	99.0	99.	1.4	15.	3.5	14.	99.0	99.	0.0
10	8	31	19	15.4	-.11	.92	1.5	14.	99.0	99.	2.1	14.	2.5	17.	99.0	99.	0.0
10	8	31	20	14.2	-.08	.94	1.4	19.	99.0	99.	1.6	14.	1.8	20.	99.0	99.	0.0
10	8	31	21	13.6	.30	.98	1.4	22.	99.0	99.	1.5	15.	1.8	16.	99.0	99.	0.0
10	8	31	22	12.7	.23	.99	.4	20.	99.0	99.	.9	2.	1.8	31.	99.0	99.	0.0
10	8	31	23	12.2	.18	.99	.4	17.	99.0	99.	1.4	2.	2.1	32.	99.0	99.	0.0
10	8	31	24	12.1	.18	.99	.9	31.	99.0	99.	1.5	2.	2.5	32.	99.0	99.	0.0
11	8	31	1	12.8	.03	.99	1.2	33.	99.0	99.	1.1	2.	2.5	31.	99.0	99.	0.0
11	8	31	2	12.8	-.05	.99	1.5	34.	99.0	99.	1.0	3.	2.8	32.	99.0	99.	0.0
11	8	31	3	12.9	-.01	.99	1.7	34.	99.0	99.	1.6	2.	2.1	31.	99.0	99.	0.0
11	8	31	4	12.2	-.03	.99	1.4	35.	99.0	99.	1.2	2.	2.8	3.	99.0	99.	0.0
11	8	31	5	12.3	-.05	.99	1.3	35.	99.0	99.	1.8	2.	2.5	3.	99.0	99.	0.0
11	8	31	6	13.3	-.11	.99	1.3	35.	99.0	99.	2.1	2.	2.1	2.	99.0	99.	0.0
11	8	31	7	13.8	-.28	.98	1.2	33.	99.0	99.	1.6	3.	2.1	38.	99.0	99.	0.0
11	8	31	8	15.6	-.50	.98	1.5	32.	99.0	99.	.2	10.	2.1	33.	99.0	99.	0.0
11	8	31	9	16.5	-.44	.90	1.0	32.	99.0	99.	.8	14.	2.5	9.	99.0	99.	0.0
11	8	31	10	10.0	-.11	.77	1.0	27.	99.0	99.	1.3	8.	1.8	9.	99.0	99.	0.0
11	8	31	11	10.4	-.34	.76	2.1	14.	99.0	99.	1.7	15.	4.2	12.	99.0	99.	0.0
11	8	31	12	10.2	-.55	.78	2.5	13.	99.0	99.	1.2	16.	4.6	13.	99.0	99.	0.0
11	8	31	13	14.7	-.47	.80	2.2	15.	99.0	99.	2.2	15.	5.6	13.	99.0	99.	0.0
11	8	31	14	14.4	-.35	.84	2.8	13.	99.0	99.	2.3	14.	7.0	13.	99.0	99.	0.0
11	8	31	15	10.1	-.34	.86	3.1	15.	99.0	99.	3.4	15.	7.0	14.	99.0	99.	0.0
11	8	31	16	10.5	-.37	.92	3.2	15.	99.0	99.	2.4	16.	6.3	14.	99.0	99.	0.0
11	8	31	17	10.8	-.44	.81	2.8	14.	99.0	99.	2.3	14.	6.5	13.	99.0	99.	0.0
11	8	31	18	18.7	-.38	.82	2.4	14.	99.0	99.	2.6	16.	5.6	13.	99.0	99.	0.0
11	8	31	19	16.8	-.20	.92	2.5	15.	99.0	99.	2.1	15.	4.2	14.	99.0	99.	0.0
11	8	31	20	15.3	.02	.98	2.2	16.	99.0	99.	2.3	14.	3.5	15.	99.0	99.	0.0
11	8	31	21	14.7	.12	.98	1.2	15.	99.0	99.	2.1	15.	5.2	15.	99.0	99.	0.0
11	8	31	22	14.6	.21	.99	2.2	14.	99.0	99.	1.7	14.	2.5	16.	99.0	99.	0.0
11	8	31	23	14.5	.21	.99	1.5	14.	99.0	99.	1.7	8.	1.4	0.	99.0	99.	0.0
11	8	31	24	14.4	.22	.99	1.1	15.	99.0	99.	1.5	2.	1.8	32.	99.0	99.	0.0

			T-AS	DT-BS	HT-AS	F-BS	D-BS	F-INT	D-INT	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA			
12	8	81	1	14.5	.17	.79	.7	35.	99.0	99.	1.8	2.	2.5	31.	99.0	99.	0.0		
12	8	81	2	14.6	-.01	.79	3.2	37.	99.0	99.	1.5	2.	2.1	35.	99.0	99.	0.0		
12	8	81	3	14.3	-.05	.79	1.5	37.	99.0	99.	1.6	1.	2.5	32.	99.0	99.	0.0		
12	8	81	4	14.0	-.05	.79	1.4	37.	99.0	99.	1.8	2.	2.1	32.	99.0	99.	0.0		
12	8	81	5	13.9	-.03	.79	2.1	35.	99.0	99.	1.9	2.	2.5	30.	99.0	99.	0.0		
12	8	81	6	13.9	-.02	.79	2.1	35.	99.0	99.	1.9	2.	2.8	31.	99.0	99.	0.0		
12	8	81	7	14.6	-.15	.79	2.2	35.	99.0	99.	2.6	2.	2.8	34.	99.0	99.	0.0		
12	8	81	8	19.4	-.46	.75	1.4	34.	99.0	99.	1.7	5.	2.1	6.	99.0	99.	0.0		
12	8	81	9	21.4	-.73	.70	1.4	35.	99.0	99.	.8	4.	1.8	11.	99.0	99.	0.0		
12	8	81	10	25.5	-.71	.65	2.2	31.	99.0	99.	1.3	6.	2.8	11.	99.0	99.	0.0		
12	8	81	11	25.3	-.65	.65	1.1	1023.	99.0	99.	1.7	12.	4.2	17.	99.0	99.	0.0		
12	8	81	12	22.4	-.67	.74	5.0	15.	99.0	99.	2.9	15.	7.0	14.	99.0	99.	0.0		
12	8	81	13	22.0	-.51	.75	5.6	14.	99.0	99.	3.1	16.	7.7	14.	99.0	99.	0.0		
12	8	81	14	22.0	-.69	.70	4.4	15.	99.0	99.	3.8	12.	8.4	14.	99.0	99.	0.0		
12	8	81	15	21.7	-.62	.71	4.6	13.	99.0	99.	5.8	12.	8.8	13.	99.0	99.	0.0		
12	8	81	16	21.1	-.56	.78	4.2	14.	99.0	99.	3.1	15.	7.4	13.	99.0	99.	0.0		
12	8	81	17	20.0	-.29	.85	3.7	15.	99.0	99.	3.1	12.	5.6	13.	99.0	99.	0.0		
12	8	81	18	19.5	-.13	.90	3.4	15.	99.0	99.	1.7	14.	5.9	13.	99.0	99.	0.0		
12	8	81	19	18.3	-.07	.96	1.7	15.	99.0	99.	1.9	16.	3.2	15.	99.0	99.	0.0		
12	8	81	20	17.7	.03	.98	1.6	15.	99.0	99.	1.4	16.	3.2	15.	99.0	99.	0.0		
12	8	81	21	16.7	.24	.99	1.9	15.	99.0	99.	.9	14.	2.1	13.	99.0	99.	0.0		
12	8	81	22	16.4	.14	.99	1.5	15.	99.0	99.	1.3	14.	2.1	16.	99.0	99.	0.0		
12	8	81	23	16.2	.07	.99	2.0	12.	99.0	99.	1.5	15.	2.1	16.	99.0	99.	0.0		
12	8	81	24	16.1	-.00	.99	1.5	7.	99.0	99.	1.1	6.	1.8	12.	99.0	99.	0.0		
13	8	81	1	15.3	.17	.79	1.5	1035.	99.0	99.	1.6	2.	1.3	34.	99.0	99.	0.0		
13	8	81	2	15.2	.21	.79	.5	1001.	99.0	99.	1.2	2.	1.4	35.	99.0	99.	0.0		
13	8	81	3	15.2	.27	.79	.8	11.	99.0	99.	1.3	2.	1.4	34.	99.0	99.	0.0		
13	8	81	4	15.5	.08	.79	.7	12.	99.0	99.	1.1	2.	1.8	0.	99.0	99.	0.0		
13	8	81	5	15.5	.10	.79	.7	1113.	99.0	99.	1.1	6.	1.8	0.	99.0	99.	0.0		
13	8	81	6	15.9	-.01	.79	.7	10.	99.0	99.	1.1	8.	2.1	13.	99.0	99.	0.0		
13	8	81	7	16.4	-.05	.79	.6	11.	99.0	99.	.9	8.	2.1	11.	99.0	99.	0.0		
13	8	81	8	16.9	-.07	.79	.5	22.	99.0	99.	1.1	11.	2.1	11.	99.0	99.	0.0		
13	8	81	9	17.9	-.16	.98	.7	1129.	99.0	99.	1.3	15.	2.1	0.	99.0	99.	0.0		
13	8	81	10	19.3	-.32	.90	1.1	7.	99.0	99.	1.1	4.	1.8	14.	99.0	99.	0.0		
13	8	81	11	20.1	-.35	.89	1.3	19.	99.0	99.	1.2	16.	3.5	9.	99.0	99.	0.0		
13	8	81	12	19.8	-.27	.95	2.7	13.	99.0	99.	2.2	14.	6.0	14.	99.0	99.	0.0		
13	8	81	13	20.1	-.35	.99	3.3	15.	99.0	99.	2.4	15.	6.3	14.	99.0	99.	0.0		
13	8	81	14	20.3	-.40	.99	3.9	15.	99.0	99.	3.5	13.	6.3	14.	99.0	99.	0.0		
13	8	81	15	20.2	-.33	.99	3.4	15.	99.0	99.	2.9	15.	5.6	14.	99.0	99.	0.0		
13	8	81	16	22.1	-.40	.92	2.2	16.	99.0	99.	1.9	15.	3.2	28.	99.0	99.	0.0		
13	8	81	17	23.2	-.51	.64	2.4	25.	99.0	99.	2.5	25.	5.9	25.	99.0	99.	0.0		
13	8	81	18	22.7	-.15	.62	3.3	24.	99.0	99.	3.3	23.	3.2	23.	99.0	99.	0.0		
13	8	81	19	21.2	.05	.75	1.6	20.	99.0	99.	1.2	20.	2.8	22.	99.0	99.	0.0		
13	8	81	20	20.2	.22	.75	2.8	24.	99.0	99.	2.1	22.	3.9	24.	99.0	99.	0.0		
13	8	81	21	19.3	.23	.81	1.6	1007.	99.0	99.	2.3	25.	2.1	29.	99.0	99.	0.0		
13	8	81	22	19.3	.15	.90	1.4	27.	99.0	99.	1.7	26.	2.1	30.	99.0	99.	0.0		
13	8	81	23	19.8	.22	.82	1.5	28.	99.0	99.	1.6	26.	2.5	32.	99.0	99.	0.0		
13	8	81	24	18.5	.21	.85	1.5	27.	99.0	99.	1.1	22.	2.1	33.	99.0	99.	0.0		
14	8	81	1	17.9	.25	.87	1.6	1020.	99.0	99.	.8	24.	1.8	33.	99.0	99.	0.0		
14	8	81	2	17.8	.13	.87	1.6	27.	99.0	99.	.9	24.	2.5	32.	99.0	99.	0.0		
14	8	81	3	17.2	.15	.92	1.6	27.	99.0	99.	1.0	32.	2.1	32.	99.0	99.	0.0		
14	8	81	4	15.7	.27	.98	.5	1027.	99.0	99.	1.7	2.	1.8	33.	99.0	99.	0.0		
14	8	81	5	15.1	.40	.99	.6	1027.	99.0	99.	1.7	2.	2.1	35.	99.0	99.	0.0		
14	8	81	6	15.6	.22	.98	.6	1032.	99.0	99.	1.4	2.	2.5	35.	99.0	99.	0.0		
14	8	81	7	13.8	-.22	.95	.4	9.	99.0	99.	1.9	1.	2.1	36.	99.0	99.	0.0		
14	8	81	8	19.4	-.04	.93	.6	1023.	99.0	99.	.9	5.	99.0	99.	99.0	99.	0.0		
14	8	81	9	20.8	-.23	.71	.6	1119.	99.0	99.	1.5	20.	2.1	99.	99.0	99.	0.0		
14	8	81	10	19.1	-.27	.95	1.0	25.	99.0	99.	1.6	24.	2.5	99.	99.0	99.	0.0		
14	8	81	11	18.9	-.17	.95	.8	25.	99.0	99.	1.6	24.	2.1	99.	99.0	99.	0.0		
14	8	81	12	20.3	-.40	.75	.7	1024.	99.0	99.	1.1	19.	2.5	99.	99.0	99.	0.0		
14	8	81	13	21.0	-.40	.74	1.8	15.	99.0	99.	1.7	14.	2.5	99.	2.1	15.	99.0	99.	0.0
14	8	81	14	21.1	-.45	.75	2.1	15.	99.0	99.	2.2	16.	3.2	99.	3.0	19.	99.0	99.	0.0
14	8	81	15	21.3	-.34	.99	2.0	17.	99.0	99.	2.1	15.	4.6	99.	2.6	24.	99.0	99.	0.0
14	8	81	16	22.3	-.40	.93	1.1	21.	99.0	99.	1.6	24.	2.8	99.	2.2	27.	99.0	99.	0.0
14	8	81	17	21.9	-.20	.87	.7	1029.	99.0	99.	1.6	26.	2.1	99.	2.1	3.	99.0	99.	0.0
14	8	81	18	20.9	-.62	.87	2.0	30.	99.0	99.	2.6	26.	2.5	99.	2.4	35.	99.0	99.	0.0
14	8	81	19	21.0	-.05	.99	2.0	28.	99.0	99.	2.2	25.	3.2	99.	3.5	30.	99.0	99.	0.0
14	8	81	20	18.4	.22	.70	1.4	31.	99.0	99.	2.2	26.	2.1	99.	3.5	30.	99.0	99.	0.0
14	8	81	21	17.4	.67	.75	2.4	30.	99.0	99.	2.6	25.	1.8	99.	2.5	39.	99.0	99.	0.0
14	8	81	22	15.5	.57	.81	2.5	30.	99.0	99.	1.8	12.	1.8	99.	99.0	99.	0.0		
14	8	81	23	15.9	.52	.79	2.4	30.	99.0	99.	.9	9.	2.5	99.	99.0	99.	0.0		
14	8	81	24	15.5	.62	.80	2.5	32.	99.0	99.	.9	8.	2.5	99.	99.0	99.	0.0		

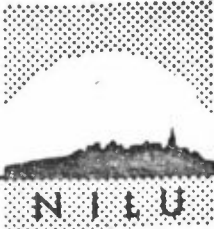
	F-40	BT-85	HH-45	F-85	D-15	F-111	D-111	F-112	D-112	F-113	D-113	F-114	D-114	F-115	D-115
15 8 31 1	14.0	.43	.49	1.7	31.	99.0	99.	1.7	27.	2.8	99.	99.0	99.	99.0	99.
15 8 31 2	14.8	.37	.79	3.4	31.	99.1	99.	2.5	25.	3.9	99.	99.0	99.	99.0	99.
15 8 31 3	14.4	.27	.71	3.5	31.	99.0	99.	3.4	28.	4.2	99.	99.0	99.	99.0	99.
15 8 31 4	13.6	.25	.47	4.3	31.	99.0	99.	4.1	23.	3.5	99.	99.0	99.	99.0	99.
15 8 31 5	13.1	.17	.55	4.6	31.	99.1	99.	3.1	28.	4.6	99.	99.0	99.	99.0	99.
15 8 31 6	14.0	-.12	.59	4.4	32.	99.1	99.	3.1	37.	4.2	99.	99.0	99.	99.0	99.
15 8 31 7	14.8	-.22	.55	4.5	31.	99.0	99.	2.5	27.	5.3	99.	99.0	99.	99.0	99.
15 8 31 8	16.5	-.50	.60	3.3	32.	99.0	99.	3.1	28.	4.9	99.	99.0	99.	99.0	99.
15 8 31 9	18.0	-.45	.45	3.2	31.	99.0	99.	3.4	32.	4.9	99.	99.0	99.	99.0	99.
15 8 31 10	19.0	-.77	.41	4.2	32.	99.1	99.	3.9	32.	5.3	99.	99.0	99.	99.0	99.
15 8 31 11	20.2	-.73	.60	3.0	31.	99.1	99.	2.6	24.	5.6	99.	99.0	99.	99.0	99.
15 8 31 12	20.6	-.54	.58	2.1	29.	99.1	99.	2.6	32.	4.2	99.	99.0	99.	99.0	99.
15 8 31 13	21.9	-.81	.35	2.8	32.	99.0	99.	2.6	24.	3.5	99.	99.0	99.	99.0	99.
15 8 31 14	22.0	-.62	.31	1.9	23.	99.0	99.	2.2	27.	3.5	99.	99.0	99.	99.0	99.
15 8 31 15	21.8	-.74	.38	1.9	20.	99.1	99.	3.1	27.	2.5	99.	99.0	99.	99.0	99.
15 8 31 16	22.4	-.91	.35	1.2	31.	99.0	99.	3.1	26.	2.8	99.	99.0	99.	99.0	99.
15 8 31 17	21.0	-.70	.42	2.3	17.	99.0	99.	1.8	16.	99.0	99.	99.0	99.	99.0	99.
15 8 31 18	19.3	-.34	.49	2.1	20.	99.0	99.	2.6	32.	99.0	99.	99.0	99.	99.0	99.
15 8 31 19	17.4	.07	.51	2.3	34.	99.0	99.	2.6	30.	99.0	99.	99.0	99.	99.0	99.
15 8 31 20	15.4	.41	.54	2.4	34.	99.1	99.	1.8	2.	99.0	99.	99.0	99.	99.0	99.
15 8 31 21	14.9	.37	.46	3.1	33.	99.0	99.	2.5	0.	99.0	99.	99.0	99.	99.0	99.
15 8 31 22	14.4	.33	.48	3.0	33.	99.1	99.	2.1	2.	99.0	99.	99.0	99.	99.0	99.
15 8 31 23	13.9	.22	.49	2.8	32.	99.1	99.	1.7	2.	99.0	99.	99.0	99.	99.0	99.
15 8 31 24	13.6	.22	.71	2.5	33.	99.1	99.	1.7	2.	99.0	99.	99.0	99.	99.0	99.
16 8 31 1	13.2	.24	.70	2.5	34.	99.0	99.	1.4	2.	99.0	99.	99.0	99.	99.0	99.
16 8 31 2	12.7	.27	.74	2.4	33.	99.0	99.	1.4	2.	99.0	99.	99.0	99.	99.0	99.
16 8 31 3	12.7	.31	.80	3.0	33.	99.0	99.	1.5	2.	99.0	99.	99.0	99.	99.0	99.
16 8 31 4	11.3	.34	.84	3.7	33.	99.0	99.	1.3	2.	99.0	99.	99.0	99.	99.0	99.
16 8 31 5	10.9	.29	.85	2.9	33.	99.0	99.	1.3	2.	99.0	99.	99.0	99.	99.0	99.
16 8 31 6	11.0	.15	.86	3.0	32.	99.0	99.	1.2	3.	99.0	99.	99.0	99.	99.0	99.
16 8 31 7	12.5	-.18	.81	3.0	32.	99.0	99.	1.2	3.	99.0	99.	99.0	99.	99.0	99.
16 8 31 8	14.6	-.41	.77	2.7	33.	99.0	99.	2.4	2.	99.0	99.	99.0	99.	99.0	99.
16 8 31 9	13.3	-.36	.67	2.4	1.	99.0	99.	4.6	1.	4.6	99.	99.0	99.	99.0	99.
16 8 31 10	17.3	-.49	.36	3.8	2.	99.0	99.	4.1	1.	6.0	99.	99.0	99.	99.0	99.
16 8 31 11	17.5	-.46	.54	3.3	2.	99.1	99.	4.5	1.	6.0	99.	99.0	99.	99.0	99.
16 8 31 12	19.0	-.73	.51	3.4	36.	99.0	99.	4.3	1.	6.0	99.	99.0	99.	99.0	99.
16 8 31 13	19.2	-.40	.54	3.4	36.	99.0	99.	4.8	3.0	6.0	99.	99.0	99.	99.0	99.
16 8 31 14	18.2	-.05	.71	2.1	2.	99.0	99.	5.6	1.	6.3	99.	99.0	99.	99.0	99.
16 8 31 15	20.3	-.64	.46	5.0	35.	99.0	99.	5.9	1.	6.7	99.	99.0	99.	99.0	99.
16 8 31 16	18.0	-.31	.46	5.4	35.	99.0	99.	7.4	1.	7.0	99.	99.0	99.	99.0	99.
16 8 31 17	16.7	-.23	.50	3.8	35.	99.0	99.	3.5	1.	7.0	99.	99.0	99.	99.0	99.
16 8 31 18	16.5	-.05	.54	2.6	34.	99.0	99.	2.4	1.	8.1	99.	99.0	99.	99.0	99.
16 8 31 19	15.4	.21	.55	2.7	2.	99.0	99.	2.5	1.	99.0	99.	99.0	99.	99.0	99.
16 8 31 20	14.2	.45	.59	2.4	2.	99.0	99.	1.8	1.	99.0	99.	99.0	99.	99.0	99.
16 8 31 21	13.1	.37	.63	3.7	1.	99.0	99.	3.9	2.	99.0	99.	99.0	99.	99.0	99.
16 8 31 22	13.2	.23	.61	3.2	35.	99.0	99.	3.2	2.	99.0	99.	99.0	99.	99.0	99.
16 8 31 23	12.9	.29	.63	3.5	35.	99.0	99.	2.3	2.	99.0	99.	99.0	99.	99.0	99.
16 8 31 24	12.2	.37	.57	3.2	34.	99.0	99.	2.1	2.	99.0	99.	99.0	99.	99.0	99.
17 8 31 1	10.9	.43	.70	3.7	35.	99.0	99.	1.9	1.	99.0	99.	99.0	99.	99.0	99.
17 8 31 2	10.8	.42	.70	3.7	33.	99.0	99.	2.1	32.	99.0	99.	99.0	99.	99.0	99.
17 8 31 3	11.1	.24	.70	3.7	35.	99.0	99.	3.4	32.	99.0	99.	99.0	99.	99.0	99.
17 8 31 4	10.1	.27	.75	3.4	31.	99.0	99.	1.4	32.	99.0	99.	99.0	99.	99.0	99.
17 8 31 5	10.0	.28	.75	3.5	32.	99.0	99.	1.7	25.	99.0	99.	99.0	99.	99.0	99.
17 8 31 6	10.5	.14	.78	3.2	31.	99.0	99.	2.6	25.	99.0	99.	99.0	99.	99.0	99.
17 8 31 7	12.7	-.25	.72	3.1	32.	99.0	99.	2.0	29.	99.0	99.	99.0	99.	99.0	99.
17 8 31 8	15.2	-.57	.53	3.8	31.	99.0	99.	2.8	29.	99.0	99.	99.0	99.	99.0	99.
17 8 31 9	10.5	-.43	.57	3.1	31.	99.0	99.	3.7	29.	99.0	99.	99.0	99.	99.0	99.
17 8 31 10	18.2	-.53	.53	2.4	31.	99.0	99.	2.8	29.	99.0	99.	99.0	99.	99.0	99.
17 8 31 11	20.0	-.78	.48	2.5	31.	99.0	99.	2.5	23.	99.0	99.	99.0	99.	99.0	99.
17 8 31 12	21.1	-.90	.41	1.9	33.	99.0	99.	2.9	24.	99.0	99.	99.0	99.	99.0	99.
17 8 31 13	20.1	-.61	.44	2.5	13.	99.0	99.	2.5	24.	99.0	99.	99.0	99.	99.0	99.
17 8 31 14	20.2	-.77	.47	3.0	19.	99.0	99.	3.3	19.	99.0	99.	99.0	99.	99.0	99.
17 8 31 15	20.3	-.70	.47	3.4	18.	99.0	99.	3.6	14.	99.0	99.	99.0	99.	99.0	99.
17 8 31 16	20.0	-.65	.46	3.4	13.	99.0	99.	3.6	16.	99.0	99.	99.0	99.	99.0	99.
17 8 31 17	18.9	-.54	.49	3.7	16.	99.0	99.	3.2	16.	99.0	99.	99.0	99.	99.0	99.
17 8 31 18	17.6	-.24	.53	2.2	17.	99.0	99.	3.1	16.	99.0	99.	99.0	99.	99.0	99.
17 8 31 19	15.9	-.09	.64	2.6	21.	99.0	99.	1.9	14.	99.0	99.	99.0	99.	99.0	99.
17 8 31 20	14.2	.26	.77	1.0	1126.	99.0	99.	1.3	21.	99.0	99.	99.0	99.	99.0	99.
17 8 31 21	14.3	.43	.76	2.9	30.	99.0	99.	1.1	6.	99.0	99.	99.0	99.	99.0	99.
17 8 31 22	14.3	.27	.69	3.8	35.	99.0	99.	3.6	30.	99.0	99.	99.0	99.	99.0	99.
17 8 31 23	14.2	.19	.61	3.6	31.	99.0	99.	2.8	30.	99.0	99.	99.0	99.	99.0	99.
17 8 31 24	13.9	.16	.59	4.6	31.	99.0	99.	2.1	32.	99.0	99.	99.0	99.	99.0	99.

			T-AS	DT-AS	RH-AS	F-AS	D-AS	F-INT	D-INT	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA
14	3 81	1	13.5	.11	.59	5.2	31.	99.0	99.	2.9	32.	99.0	99.	99.0	99.	9.0
14	3 81	2	13.2	.12	.58	4.5	31.	99.0	99.	2.4	31.	99.0	99.	99.0	99.	9.0
14	3 81	3	12.3	.22	.63	5.8	31.	99.0	99.	2.1	31.	99.0	99.	99.0	99.	9.0
14	3 81	4	11.2	.29	.70	5.2	32.	99.0	99.	1.6	32.	99.0	99.	99.0	99.	9.0
14	3 81	5	10.2	.29	.75	5.3	31.	99.0	99.	1.8	36.	99.0	99.	99.0	99.	9.0
14	3 81	6	11.5	-.06	.75	5.1	32.	99.0	99.	1.1	9.	99.0	99.	99.0	99.	9.0
14	3 81	7	14.4	-.61	.65	1.2	32.	99.0	99.	2.	99.0	99.	99.	99.0	99.	9.0
14	3 81	8	14.9	-.45	.62	1.6	31.	99.0	99.	1.1	3.	99.0	99.	99.0	99.	9.0
14	3 81	9	15.9	-.61	.59	1.1	10 31.	99.0	99.	1.9	24.	99.0	99.	1.9	12.	9.0
14	3 81	10	15.9	-.50	.62	1.4	22.	99.0	99.	1.8	16.	99.0	99.	2.3	27.	9.0
14	3 81	11	14.6	-.55	.60	1.4	23.	99.0	99.	2.4	25.	99.0	99.	2.5	22.	9.0
14	3 81	12	14.9	-.57	.62	1.9	12.	99.0	99.	2.1	14.	99.0	99.	3.0	22.	9.0
14	3 81	13	18.4	-.71	.62	2.0	13.	99.0	99.	2.4	16.	99.0	99.	4.0	17.	9.0
14	3 81	14	17.7	-.41	.68	2.4	15.	99.0	99.	2.9	13.	99.0	99.	3.6	19.	9.0
14	3 81	15	18.0	-.27	.70	3.2	24.	99.0	99.	4.9	24.	99.0	99.	5.4	29.	9.0
14	3 81	16	19.2	-.57	.64	4.5	23.	99.0	99.	4.6	23.	99.0	99.	5.6	29.	9.0
14	3 81	17	17.7	-.11	.61	4.1	24.	99.0	99.	4.2	23.	99.0	99.	4.5	22.	9.0
14	3 81	18	17.1	-.10	.63	4.4	25.	99.0	99.	5.9	24.	99.0	99.	5.0	28.	9.0
14	3 81	19	15.7	-.04	.62	3.5	25.	99.0	99.	3.6	24.	99.0	99.	4.0	29.	9.0
14	3 81	20	14.8	-.05	.69	3.2	24.	99.0	99.	5.6	24.	99.0	99.	4.1	29.	9.0
14	3 81	21	14.3	.07	.68	3.3	24.	99.0	99.	4.1	24.	99.0	99.	3.8	28.	9.0
14	3 81	22	13.3	.15	.73	3.3	24.	99.0	99.	3.1	24.	99.0	99.	3.2	27.	9.0
14	3 81	23	12.4	.13	.78	3.1	24.	99.0	99.	3.6	24.	99.0	99.	4.0	29.	9.0
14	3 81	24	11.9	.22	.81	2.2	22.	99.0	99.	2.5	24.	99.0	99.	3.2	26.	9.0
19	3 81	1	11.5	.05	.81	3.5	24.	99.0	99.	3.4	20.	99.0	99.	99.0	99.	9.0
19	3 81	2	11.2	.03	.84	2.4	24.	99.0	99.	3.6	24.	99.0	99.	99.0	99.	9.0
19	3 81	3	11.4	.02	.85	2.3	25.	99.0	99.	3.9	25.	99.0	99.	99.0	99.	9.0
19	3 81	4	11.3	.03	.83	2.5	25.	99.0	99.	4.0	26.	99.0	99.	99.0	99.	9.0
19	3 81	5	11.6	.01	.81	2.5	28.	99.0	99.	3.3	24.	99.0	99.	99.0	99.	9.0
19	3 81	6	11.8	-.04	.80	2.4	28.	99.0	99.	3.8	23.	99.0	99.	99.0	99.	9.0
19	3 81	7	12.4	-.12	.81	2.4	28.	99.0	99.	2.9	26.	99.0	99.	99.0	99.	9.0
19	3 81	8	13.6	-.27	.78	2.5	23.	99.0	99.	3.1	29.	99.0	99.	99.0	99.	9.0
19	3 81	9	15.2	-.35	.72	2.1	26.	99.0	99.	3.4	26.	99.0	99.	99.0	99.	9.0
19	3 81	10	15.8	-.29	.67	2.4	23.	99.0	99.	3.3	23.	99.0	99.	99.0	99.	9.0
19	3 81	11	14.1	-.27	.64	2.7	27.	99.0	99.	2.9	24.	99.0	99.	99.0	99.	9.0
19	3 81	12	17.9	-.62	.61	1.8	24.	99.0	99.	1.4	21.	99.0	99.	99.0	99.	9.0
19	3 81	13	18.2	-.51	.58	1.4	10 14.	99.0	99.	1.6	13.	99.0	99.	99.0	99.	9.0
19	3 81	14	18.2	-.43	.61	1.7	10 33.	99.0	99.	2.5	37.	99.0	99.	99.0	99.	9.0
19	3 81	15	18.6	-.55	.56	3.2	31.	99.0	99.	4.7	27.	99.0	99.	99.0	99.	9.0
19	3 81	16	17.9	-.37	.64	4.1	30.	99.0	99.	4.2	24.	99.0	99.	99.0	99.	9.0
19	3 81	17	19.9	-.67	.60	3.2	28.	99.0	99.	3.9	26.	99.0	99.	99.0	99.	9.0
19	3 81	18	17.9	-.29	.60	4.0	29.	99.0	99.	4.1	23.	99.0	99.	99.0	99.	9.0
19	3 81	19	16.3	-.12	.64	3.1	30.	99.0	99.	3.5	32.	99.0	99.	99.0	99.	9.0
19	3 81	20	13.7	.27	.61	2.4	33.	99.0	99.	2.9	31.	99.0	99.	99.0	99.	9.0
19	3 81	21	12.7	.25	.66	2.7	31.	99.0	99.	2.8	30.	99.0	99.	99.0	99.	9.0
19	3 81	22	12.1	.30	.67	2.7	32.	99.0	99.	2.4	32.	99.0	99.	99.0	99.	9.0
19	3 81	23	11.0	.35	.71	2.7	32.	99.0	99.	2.2	32.	99.0	99.	99.0	99.	9.0
19	3 81	24	10.8	.30	.75	3.3	33.	99.0	99.	2.0	2.	99.0	99.	99.0	99.	9.0
20	3 81	1	9.5	.38	.77	2.4	34.	99.0	99.	1.9	2.	99.0	99.	99.0	99.	9.0
20	3 81	2	9.8	.49	.83	2.4	32.	99.0	99.	1.7	2.	99.0	99.	99.0	99.	9.0
20	3 81	3	7.8	.64	.93	2.9	31.	99.0	99.	2.0	1.	99.0	99.	99.0	99.	9.0
20	3 81	4	7.2	.57	.95	3.1	32.	99.0	99.	1.6	1.	99.0	99.	99.0	99.	9.0
20	3 81	5	7.0	.52	.96	3.1	32.	99.0	99.	1.6	1.	99.0	99.	99.0	99.	9.0
20	3 81	6	7.7	.22	.95	2.6	32.	99.0	99.	1.2	3.	99.0	99.	99.0	99.	9.0
20	3 81	7	8.6	.04	.92	1.8	32.	99.0	99.	1.5	2.	99.0	99.	99.0	99.	9.0
20	3 81	8	11.9	-.48	.80	1.4	33.	99.0	99.	1.7	2.	99.0	99.	99.0	99.	9.0
20	3 81	9	14.3	-.85	.67	1.7	35.	99.0	99.	1.3	2.	99.0	99.	99.0	99.	9.0
20	3 81	10	17.1	-.84	.58	2.4	31.	99.0	99.	2.1	2.	99.0	99.	99.0	99.	9.0
20	3 81	11	15.4	-.64	.67	1.9	10 02.	99.0	99.	3.4	2.	99.0	99.	99.0	99.	9.0
20	3 81	12	18.3	-.42	.62	2.9	8.	99.0	99.	2.6	0.	99.0	99.	99.0	99.	9.0
20	3 81	13	17.3	-.32	.66	2.5	8.	99.0	99.	2.1	3.	1.4	4.	99.0	99.	9.0
20	3 81	14	18.4	-.42	.64	2.2	10.	99.0	99.	2.3	7.	1.1	6.	3.0	13.	9.0
20	3 81	15	18.7	-.47	.63	2.3	9.	99.0	99.	2.5	5.	2.5	6.	3.0	14.	9.0
20	3 81	16	17.8	-.35	.67	3.5	8.	99.0	99.	4.0	6.	2.8	7.	4.1	12.	9.0
20	3 81	17	15.4	-.20	.65	3.5	8.	99.0	99.	5.2	5.	3.5	7.	4.0	12.	9.0
20	3 81	18	14.4	-.12	.66	4.2	8.	99.0	99.	4.6	6.	2.8	11.	5.5	11.	9.0
20	3 81	19	14.3	-.06	.69	2.3	4.	99.0	99.	3.4	2.	2.8	10.	3.8	6.	9.0
20	3 81	20	12.6	.11	.74	2.7	3.	99.0	99.	4.8	1.	3.2	10.	4.2	6.	9.0
20	3 81	21	11.7	.15	.79	2.9	2.	99.0	99.	3.4	2.	5.3	10.	4.0	4.	9.0
20	3 81	22	11.1	.33	.81	3.3	36.	99.0	99.	2.5	1.	6.0	10.	3.3	36.	9.0
20	3 81	23	11.3	.27	.80	3.3	36.	99.0	99.	2.1	2.	3.9	11.	2.5	1.	9.0
20	3 81	24	10.9	.27	.82	2.6	36.	99.0	99.	2.0	2.	3.9	12.	2.6	1.	9.0

			T-1S	DT-1S	RI-RS	F-RS	D-RS	F-INT	D-INT	F-HER	D-HER	F-RA	D-RA	F-SA	D-SA	P-TA	
24	R	81	1	10.4	.62	.81	5.1	34.	99.0	99.	1.5	2.	2.1	31.	99.0	99.	0.0
24	R	81	2	9.0	.62	.95	2.0	35.	99.0	99.	1.7	1.	1.8	14.	99.0	99.	0.0
24	R	81	3	9.9	.58	.97	2.4	35.	99.0	99.	2.1	1.	2.1	38.	99.0	99.	0.0
24	R	81	4	8.0	.35	.77	2.8	35.	99.0	99.	1.6	1.	2.5	37.	99.0	99.	0.0
24	R	81	5	8.7	.31	.98	1.7	32.	99.0	99.	1.6	1.	2.5	32.	99.0	99.	0.0
24	R	81	6	8.0	.16	.78	2.1	35.	99.0	99.	1.5	1.	2.5	31.	99.0	99.	0.0
24	R	81	7	11.6	-.45	.90	1.6	35.	99.0	99.	1.9	2.	2.9	32.	99.0	99.	0.0
24	R	81	8	14.8	-.84	.77	1.7	37.	99.0	99.	.0	4.	2.8	35.	99.0	99.	0.0
24	R	81	9	16.9	-.59	.67	1.8	31.	99.0	99.	1.4	2.	2.5	30.	99.0	99.	0.0
24	R	81	10	19.2	-.44	.55	1.3	31.	99.0	99.	1.1	1.	2.1	27.	99.0	99.	0.0
24	R	81	11	21.5	-.81	.48	1.5	31.	99.0	99.	1.4	1.6	2.8	31.	99.0	99.	0.0
24	R	81	12	20.7	-.14	.52	1.0	1715.	99.0	99.	1.7	1.6	2.8	31.	99.0	99.	0.0
24	R	81	13	19.1	-.32	.67	2.3	13.	99.0	99.	2.4	1.6	2.8	34.	99.0	99.	0.0
24	R	81	14	17.3	-.35	.70	1.6	13.	99.0	99.	2.1	1.6	2.5	38.	99.0	99.	0.0
24	R	81	15	19.0	-.20	.72	1.7	13.	99.0	99.	1.6	1.5	2.1	15.	99.0	99.	0.0
24	R	81	16	18.4	-.17	.79	1.6	13.	99.0	99.	1.8	1.6	2.5	14.	99.0	99.	0.0
24	R	81	17	18.6	-.10	.83	.8	12.	99.0	99.	.0	1.6	3.9	16.	99.0	99.	0.0
24	R	81	18	17.4	-.20	.89	.3	14.	99.0	99.	.9	2.0	4.2	17.	99.0	99.	0.0
24	R	81	19	17.8	.34	.79	1.1	28.	99.0	99.	.7	1.2	4.6	16.	99.0	99.	0.0
24	R	81	20	16.7	.67	.75	2.1	31.	99.0	99.	1.1	6.	3.9	15.	99.0	99.	0.0
24	R	81	21	14.3	.66	.67	2.1	32.	99.0	99.	.6	3.	2.5	16.	99.0	99.	0.0
24	R	81	22	13.3	.87	.74	2.8	31.	99.0	99.	1.1	2.	1.8	38.	99.0	99.	0.0
24	R	81	23	12.1	1.41	.89	4.0	32.	99.0	99.	1.2	2.	1.8	39.	99.0	99.	0.0
24	R	81	24	12.0	1.01	.85	3.7	33.	99.0	99.	1.2	2.	2.8	29.	99.0	99.	0.0
25	R	81	1	11.7	.71	.83	3.4	32.	99.0	99.	.9	2.	2.5	29.	99.0	99.	0.0
25	R	81	2	11.8	.32	.81	3.1	30.	99.0	99.	1.1	3.	2.5	29.	99.0	99.	0.0
25	R	81	3	11.4	.54	.81	2.7	32.	99.0	99.	1.3	2.	3.2	31.	99.0	99.	0.0
25	R	81	4	11.0	.44	.86	3.2	32.	99.0	99.	1.2	2.	2.9	31.	99.0	99.	0.0
25	R	81	5	10.4	.57	.72	3.1	32.	99.0	99.	1.5	2.	2.1	31.	99.0	99.	0.0
25	R	81	6	12.0	.27	.85	3.3	31.	99.0	99.	1.1	3.	2.9	30.	99.0	99.	0.0
25	R	81	7	16.7	-.23	.74	3.0	32.	99.0	99.	.7	3.	4.6	30.	99.0	99.	0.0
25	R	81	8	15.9	-.61	.70	3.7	32.	99.0	99.	1.1	2.	2.8	32.	99.0	99.	0.0
25	R	81	9	18.6	-.67	.59	3.4	32.	99.0	99.	2.4	32.	2.1	33.	99.0	99.	0.0
25	R	81	10	20.0	-.72	.52	2.4	31.	99.0	99.	1.9	32.	2.8	32.	99.0	99.	0.0
25	R	81	11	20.7	-.56	.63	1.7	30.	99.0	99.	1.6	28.	3.2	32.	99.0	99.	0.0
25	R	81	12	21.4	-.70	.41	2.2	32.	99.0	99.	2.9	24.	2.8	33.	99.0	99.	0.0
25	R	81	13	21.3	-.52	.39	1.1	30.	99.0	99.	2.4	23.	3.9	30.	99.0	99.	0.0
25	R	81	14	20.5	-.41	.48	1.4	21.	99.0	99.	1.9	26.	3.5	31.	99.0	99.	0.0
25	R	81	15	17.3	-.44	.57	1.7	17.	99.0	99.	2.1	13.	2.8	34.	99.0	99.	0.0
25	R	81	16	19.3	-.62	.62	1.5	16.	99.0	99.	2.1	14.	3.2	32.	99.0	99.	0.0
25	R	81	17	15.6	-.32	.66	1.7	15.	99.0	99.	2.1	13.	2.8	7.	99.0	99.	0.0
25	R	81	18	17.1	-.06	.74	1.4	16.	99.0	99.	2.1	16.	2.8	23.	99.0	99.	0.0
25	R	81	19	15.2	.37	.84	.9	1017.	99.0	99.	1.7	20.	3.2	0.	99.0	99.	0.0
25	R	81	20	15.6	.69	.73	3.4	33.	99.0	99.	1.5	31.	4.2	13.	99.0	99.	0.0
25	R	81	21	15.7	.10	.61	4.3	35.	99.0	99.	4.2	28.	4.6	12.	99.0	99.	0.0
25	R	81	22	16.4	.15	.68	3.9	32.	99.0	99.	3.0	30.	4.9	13.	99.0	99.	0.0
25	R	81	23	13.3	.22	.80	3.9	31.	99.0	99.	3.1	26.	2.5	16.	99.0	99.	0.3
25	R	81	24	12.3	.45	.88	1.7	33.	99.0	99.	2.1	26.	2.5	29.	99.0	99.	0.0
26	R	81	1	13.7	.18	.74	2.9	28.	99.0	99.	2.4	24.	6.7	31.	99.0	99.	0.0
26	R	81	2	13.4	.14	.77	2.7	29.	99.0	99.	4.2	24.	4.6	31.	99.0	99.	0.0
26	R	81	3	12.0	.20	.78	2.3	31.	99.0	99.	3.6	28.	3.5	30.	99.0	99.	0.0
26	R	81	4	12.2	.11	.73	3.3	32.	99.0	99.	3.1	32.	2.5	23.	99.0	99.	0.0
26	R	81	5	12.7	.10	.74	1.9	31.	99.0	99.	3.3	30.	2.5	27.	99.0	99.	0.0
26	R	81	6	12.6	.14	.74	2.2	32.	99.0	99.	1.7	2.	3.5	29.	99.0	99.	0.0
26	R	81	7	13.0	.01	.74	2.5	32.	99.0	99.	1.5	3.	3.9	29.	99.0	99.	0.0
26	R	81	8	14.0	-.14	.71	2.7	31.	99.0	99.	3.9	32.	3.9	30.	99.0	99.	0.0
26	R	81	9	16.1	-.33	.56	4.1	32.	99.0	99.	4.5	30.	2.8	30.	99.0	99.	0.0
26	R	81	10	17.5	-.57	.51	4.9	32.	99.0	99.	4.6	32.	3.9	31.	99.0	99.	0.0
26	R	81	11	17.3	-.56	.50	5.3	32.	99.0	99.	5.1	30.	3.2	28.	99.0	99.	0.0
26	R	81	12	19.2	-.58	.42	6.1	32.	99.0	99.	6.1	32.	4.2	30.	99.0	99.	0.0
26	R	81	13	19.2	-.59	.37	5.9	31.	99.0	99.	6.3	32.	5.6	32.	99.0	99.	0.0
26	R	81	14	19.7	-.64	.33	5.7	31.	99.0	99.	5.4	29.	6.7	33.	99.0	99.	0.0
26	R	81	15	19.8	-.57	.30	5.9	31.	99.0	99.	4.8	28.	6.7	32.	99.0	99.	0.0
26	R	81	16	19.8	-.67	.27	5.9	31.	99.0	99.	4.9	28.	6.7	32.	99.0	99.	0.0
26	R	81	17	19.1	-.34	.26	7.0	32.	99.0	99.	6.4	30.	8.4	32.	99.0	99.	0.0
26	R	81	18	17.8	-.19	.30	6.6	33.	99.0	99.	6.4	32.	8.8	32.	99.0	99.	0.0
26	R	81	19	15.9	-.02	.35	5.2	32.	99.0	99.	4.5	32.	7.4	32.	99.0	99.	0.0
26	R	81	20	16.2	.19	.40	5.4	33.	99.0	99.	3.6	29.	6.3	32.	99.0	99.	0.0
26	R	81	21	13.3	.21	.45	5.2	33.	99.0	99.	4.4	30.	9.1	32.	99.0	99.	0.0
26	R	81	22	12.2	.21	.49	5.9	33.	99.0	99.	4.4	32.	10.9	32.	99.0	99.	0.0
26	R	81	23	11.3	.25	.53	3.6	34.	99.0	99.	2.9	32.	10.2	32.	99.0	99.	0.0
26	R	81	24	10.9	.23	.54	4.0	34.	99.0	99.	5.2	32.	7.0	32.	99.0	99.	0.0

	F-MS	DT-MS	RU-MS	F-RS	D-RS	F-MT	D-MT	F-HEP	D-HEP	F-PA	D-PA	F-SA	D-SA	P-TA
27 8 31 1	10.5	.24	.54	4.0	34.	99.0	99.	4.1	32.	7.4	32.	99.0	99.	0.0
27 8 31 2	9.8	.25	.54	3.0	35.	99.0	99.	2.2	32.	7.0	32.	99.0	99.	0.0
27 8 31 3	8.7	.28	.64	2.0	30.	99.0	99.	3.4	32.	6.3	32.	99.0	99.	0.0
27 8 31 4	8.1	.42	.71	2.4	30.	99.0	99.	3.5	32.	5.6	31.	99.0	99.	0.0
27 8 31 5	7.4	.29	.72	3.3	30.	99.0	99.	1.7	32.	6.0	31.	99.0	99.	0.0
27 8 31 6	6.1	.17	.70	3.2	32.	99.0	99.	.9	4.	4.2	30.	99.0	99.	0.0
27 8 31 7	11.4	-.25	.67	3.3	35.	99.0	99.	1.4	2.	4.2	30.	99.0	99.	0.0
27 8 31 8	13.0	-.52	.61	2.7	33.	99.0	99.	3.5	32.	3.5	28.	99.0	99.	0.0
27 8 31 9	15.7	-.77	.57	2.9	32.	99.0	99.	3.2	32.	4.2	28.	99.0	99.	0.0
27 8 31 10	17.7	-.80	.49	3.3	34.	99.0	99.	3.5	27.	3.7	28.	99.0	99.	0.0
27 8 31 11	18.4	-.79	.45	3.5	35.	99.0	99.	3.1	32.	4.4	29.	99.0	99.	0.0
27 8 31 12	19.1	-.88	.42	3.1	31.	99.0	99.	2.9	30.	4.0	29.	99.0	99.	0.0
27 8 31 13	19.4	-.61	.52	3.1	29.	99.0	99.	3.3	28.	5.3	33.	99.0	99.	0.0
27 8 31 14	20.7	-.81	.53	2.0	32.	99.0	99.	2.9	30.	5.6	33.	99.0	99.	0.0
27 8 31 15	20.3	-.59	.55	1.7	1.	99.0	99.	2.5	2.	5.3	32.	99.0	99.	0.0
27 8 31 16	18.4	-.65	.42	2.1	17.	99.0	99.	3.1	10.	5.3	32.	99.0	99.	0.0
27 8 31 17	15.4	-.19	.54	2.4	17.	99.0	99.	2.3	14.	4.2	32.	99.0	99.	0.0
27 8 31 18	15.6	-.25	.54	1.3	15.	99.0	99.	1.2	13.	4.6	31.	99.0	99.	0.0
27 8 31 19	14.0	.05	.65	1.4	12.	99.0	99.	1.1	9.	3.5	33.	99.0	99.	0.0
27 8 31 20	11.7	.45	.74	1.0	2.	99.0	99.	.9	2.	3.5	32.	99.0	99.	0.0
27 8 31 21	11.8	.72	.76	2.3	31.	99.0	99.	1.1	2.	4.9	14.	99.0	99.	0.0
27 8 31 22	11.6	.66	.69	1.9	32.	99.0	99.	1.1	2.	3.5	14.	99.0	99.	0.0
27 8 31 23	11.0	.53	.47	2.6	33.	99.0	99.	2.3	2.	3.2	13.	99.0	99.	0.0
27 8 31 24	10.3	.53	.56	3.2	35.	99.0	99.	3.0	2.	1.8	14.	99.0	99.	0.0
28 8 31 1	10.4	.35	.64	4.0	34.	99.0	99.	3.6	32.	3.2	31.	99.0	99.	0.0
28 8 31 2	9.9	.32	.63	3.5	35.	99.0	99.	4.5	34.	2.8	31.	99.0	99.	0.0
28 8 31 3	9.9	.26	.62	3.2	35.	99.0	99.	3.1	36.	2.5	30.	99.0	99.	0.0
28 8 31 4	9.4	.30	.63	4.2	34.	99.0	99.	2.3	32.	3.5	28.	99.0	99.	0.0
28 8 31 5	9.1	.22	.64	4.0	35.	99.0	99.	3.4	2.	4.9	31.	99.0	99.	0.0
28 8 31 6	9.7	.08	.65	3.8	33.	99.0	99.	1.5	3.	5.3	32.	99.0	99.	0.0
28 8 31 7	11.7	-.31	.64	3.4	33.	99.0	99.	3.1	2.	6.0	32.	99.0	99.	0.0
28 8 31 8	13.5	-.47	.57	4.4	34.	99.0	99.	5.2	2.	6.3	33.	99.0	99.	0.0
28 8 31 9	15.5	-.67	.54	3.2	34.	99.0	99.	3.9	32.	4.0	33.	99.0	99.	0.0
28 8 31 10	16.2	-.62	.53	4.0	32.	99.0	99.	3.5	29.	2.1	28.	99.0	99.	0.0
28 8 31 11	17.4	-.70	.48	4.0	35.	99.0	99.	4.2	32.	3.2	27.	99.0	99.	0.0
28 8 31 12	18.0	-.68	.41	4.2	33.	99.0	99.	4.6	32.	3.5	30.	99.0	99.	0.0
28 8 31 13	19.2	-.85	.37	3.6	34.	99.0	99.	4.0	35.	4.0	32.	99.0	99.	0.0
28 8 31 14	19.8	-.80	.34	3.0	32.	99.0	99.	2.2	30.	5.3	32.	99.0	99.	0.0
28 8 31 15	20.4	-.75	.34	2.3	30.	99.0	99.	2.4	29.	5.6	32.	99.0	99.	0.0
28 8 31 16	21.0	-.74	.33	2.1	30.	99.0	99.	2.5	30.	6.0	31.	99.0	99.	0.0
28 8 31 17	21.1	-.81	.29	1.8	2.	99.0	99.	4.4	2.	5.3	0.	99.0	99.	0.0
28 8 31 18	19.1	-.14	.37	2.6	9.	99.0	99.	3.3	6.	4.2	32.	99.0	99.	0.0
28 8 31 19	14.8	.13	.50	2.0	12.	99.0	99.	1.4	14.	2.8	31.	99.0	99.	0.0
28 8 31 20	12.5	.61	.77	2.7	11.	99.0	99.	1.1	6.	3.9	32.	99.0	99.	0.0
28 8 31 21	11.3	.90	.79	2.6	10/14.	99.0	99.	2.1	2.	3.9	32.	99.0	99.	0.0
28 8 31 22	10.5	1.10	.9	3.0	33.	99.0	99.	2.6	2.	4.2	11.	99.0	99.	0.0
28 8 31 23	11.3	.41	.65	4.0	35.	99.0	99.	2.9	2.	3.5	13.	99.0	99.	0.0
28 8 31 24	10.8	.30	.66	3.6	35.	99.0	99.	2.5	2.	2.5	14.	99.0	99.	0.0
29 8 31 1	10.5	.29	.59	4.4	35.	99.0	99.	3.2	1.	2.8	38.	99.0	99.	0.0
29 8 31 2	10.3	.31	.70	4.1	34.	99.0	99.	3.1	1.	3.2	30.	99.0	99.	0.0
29 8 31 3	9.8	.24	.71	3.7	34.	99.0	99.	4.6	1.	3.2	32.	99.0	99.	0.0
29 8 31 4	9.5	.25	.71	3.4	34.	99.0	99.	3.9	1.	5.5	31.	99.0	99.	0.0
29 8 31 5	9.4	.21	.70	4.4	34.	99.0	99.	2.6	2.	4.6	30.	99.0	99.	0.0
29 8 31 6	9.9	.10	.74	3.4	33.	99.0	99.	2.1	2.	3.9	29.	99.0	99.	0.0
29 8 31 7	11.5	-.18	.67	3.1	35.	99.0	99.	3.6	1.	3.5	28.	99.0	99.	0.0
29 8 31 8	14.5	-.53	.60	3.0	35.	99.0	99.	4.1	1.	3.9	28.	99.0	99.	0.0
29 8 31 9	16.2	-.52	.54	2.9	36.	99.0	99.	4.1	2.	4.2	29.	99.0	99.	0.0
29 8 31 10	16.6	-.48	.49	3.8	2.	99.0	99.	4.3	2.	4.6	30.	99.0	99.	0.0
29 8 31 11	17.7	-.58	.47	3.5	2.	99.0	99.	4.2	2.	3.0	30.	99.0	99.	0.0
29 8 31 12	18.8	-.71	.44	2.8	2.	99.0	99.	4.3	1.	4.9	32.	99.0	99.	0.0
29 8 31 13	19.4	-.71	.41	2.8	36.	99.0	99.	5.0	2.	4.0	32.	99.0	99.	0.0
29 8 31 14	20.7	-1.00	.34	2.6	34.	99.0	99.	3.1	2.	4.9	38.	99.0	99.	0.0
29 8 31 15	20.9	-.63	.32	1.2	2.	99.0	99.	2.5	2.	5.6	12.	99.0	99.	0.0
29 8 31 16	20.9	-.72	.33	1.3	10/17.	99.0	99.	2.8	12.	5.3	12.	99.0	99.	0.0
29 8 31 17	17.5	-.66	.42	2.7	17.	99.0	99.	3.8	15.	4.0	12.	99.0	99.	0.0
29 8 31 18	16.4	-.42	.52	2.2	19.	99.0	99.	2.8	13.	5.5	9.	99.0	99.	0.0
29 8 31 19	14.3	-.05	.58	1.9	21.	99.0	99.	2.1	12.	2.1	9.	99.0	99.	0.0
29 8 31 20	12.5	.29	.66	1.6	25.	99.0	99.	1.5	24.	2.5	10.	99.0	99.	0.0
29 8 31 21	11.9	.11	.68	1.6	27.	99.0	99.	1.1	2.	4.2	14.	99.0	99.	0.0
29 8 31 22	10.5	.77	.77	1.6	31.	99.0	99.	2.1	2.	3.5	17.	99.0	99.	0.0
29 8 31 23	9.3	.89	.75	1.7	32.	99.0	99.	2.1	2.	1.8	17.	99.0	99.	0.0
29 8 31 24	8.8	.70	.97	2.3	35.	99.0	99.	2.3	2.	1.8	21.	99.0	99.	0.0

				T-AS	DT-RS	RT-RS	F-RS	D-RS	F-UNT	G-UNT	F-HCP	D-HCP	F-PA	D-PA	F-SA	D-SA	P-TA
30	8	31	1	7.9	1.06	.91	1.6	2.	99.0	99.	1.7	2.	2.1	0.	99.0	99.	0.0
30	8	31	2	7.0	1.06	.97	1.7	35.	99.0	99.	1.4	1.	2.5	31.	99.0	99.	0.0
30	8	31	3	6.7	1.44	.95	2.0	34.	99.0	99.	2.1	1.	1.8	32.	99.0	99.	0.0
30	8	31	4	6.1	.77	.98	2.3	34.	99.0	99.	2.1	2.	2.1	30.	99.0	99.	0.0
30	8	31	5	5.9	.71	.99	2.5	33.	99.0	99.	2.0	2.	1.4	29.	99.0	99.	0.0
30	8	31	6	6.5	.50	.98	2.5	35.	99.0	99.	2.0	1.	2.5	37.	99.0	99.	0.0
30	8	31	7	8.6	-.22	.93	1.8	32.	99.0	99.	1.5	2.	2.5	32.	99.0	99.	0.0
30	8	31	8	11.7	-.45	.90	1.1	34.	99.0	99.	1.1	3.	2.5	37.	99.0	99.	0.0
30	8	31	9	13.1	-.24	.75	.8	36.	99.0	99.	.9	2.	2.5	32.	99.0	99.	0.0
30	8	31	10	14.2	-.63	.65	.8	1033.	99.0	99.	1.3	4.	2.5	33.	99.0	99.	0.0
30	8	31	11	17.5	-.52	.63	1.0	15.	99.0	99.	1.4	12.	2.5	32.	99.0	99.	0.0
30	8	31	12	14.0	-.35	.69	2.5	13.	99.0	99.	2.1	14.	2.5	34.	99.0	99.	0.0
30	8	31	13	17.1	-.49	.70	2.4	12.	99.0	99.	2.3	14.	2.1	11.	99.0	99.	0.0
30	8	31	14	16.6	-.40	.74	2.9	13.	99.0	99.	2.2	16.	1.8	11.	99.0	99.	0.0
30	8	31	15	14.5	-.30	.74	2.8	13.	99.0	99.	2.3	12.	1.8	11.	99.0	99.	0.0
30	8	31	16	15.9	-.29	.82	2.4	13.	99.0	99.	1.8	13.	3.5	11.	99.0	99.	0.0
30	8	31	17	15.3	-.14	.84	2.1	12.	99.0	99.	1.1	10.	4.6	13.	99.0	99.	0.0
30	8	31	18	15.0	.00	.87	1.6	11.	99.0	99.	1.3	9.	4.9	12.	99.0	99.	0.0
30	8	31	19	14.9	.11	.84	2.2	7.	99.0	99.	3.1	6.	5.3	12.	99.0	99.	0.0
30	8	31	20	13.7	.15	.89	2.5	5.	99.0	99.	4.8	3.	4.2	12.	99.0	99.	.2
30	8	31	21	12.9	.14	.88	3.4	7.	99.0	99.	2.6	3.	3.9	12.	99.0	99.	.1
30	8	31	22	11.7	.35	.91	2.0	4.	99.0	99.	1.4	2.	2.5	14.	99.0	99.	.4
30	8	31	23	11.0	.38	.96	1.7	7.	99.0	99.	1.8	2.	2.1	13.	99.0	99.	.5
30	8	31	24	10.6	.39	.97	2.1	35.	99.0	99.	1.7	2.	4.2	9.	99.0	99.	.2
31	8	31	1	10.9	.16	.99	1.9	32.	99.0	99.	1.6	2.	3.5	9.	99.0	99.	.1
31	8	31	2	10.6	.27	.95	2.3	33.	99.0	99.	1.9	1.	2.1	9.	99.0	99.	0.0
31	8	31	3	10.9	.22	.95	2.3	34.	99.0	99.	1.9	2.	2.5	38.	99.0	99.	0.0
31	8	31	4	10.9	.59	.91	2.3	34.	99.0	99.	1.9	2.	2.8	30.	99.0	99.	0.0
31	8	31	5	10.7	.32	.97	2.4	1.	99.0	99.	2.1	2.	2.8	31.	99.0	99.	0.0
31	8	31	6	11.9	-.02	.89	1.7	1.	99.0	99.	2.3	2.	2.8	30.	99.0	99.	0.0
31	8	31	7	12.7	-.12	.76	2.5	2.	99.0	99.	2.3	4.	3.2	30.	99.0	99.	0.0
31	8	31	8	14.3	-.29	.67	2.8	3.	99.0	99.	2.3	2.	3.5	29.	99.0	99.	0.0
31	8	31	9	15.5	-.33	.67	4.0	2.	99.0	99.	5.1	2.	3.5	29.	99.0	99.	0.0
31	8	31	10	15.1	-.29	.60	4.2	5.	99.0	99.	4.1	3.	3.2	30.	99.0	99.	0.0
31	8	31	11	14.2	-.37	.59	2.7	5.	99.0	99.	3.5	3.	2.5	32.	99.0	99.	0.0
31	8	31	12	17.1	-.43	.57	1.9	3.	99.0	99.	2.6	2.	2.8	30.	99.0	99.	0.0
31	8	31	13	17.9	-.57	.54	2.6	0.	99.0	99.	3.4	2.	3.9	11.	99.0	99.	0.0
31	8	31	14	18.6	-.54	.47	2.5	2.	99.0	99.	3.6	2.	4.6	11.	99.0	99.	0.0
31	8	31	15	18.2	-.35	.46	1.0	5.	99.0	99.	2.8	3.	3.5	11.	99.0	99.	0.0
31	8	31	16	17.4	-.25	.49	2.1	7.	99.0	99.	2.3	4.	3.2	11.	99.0	99.	0.0
31	8	31	17	16.9	-.42	.50	1.2	19.	99.0	99.	1.5	13.	99.0	99.	99.0	99.	0.0
31	8	31	18	16.5	-.28	.63	1.3	25.	99.0	99.	1.4	16.	2.5	10.	99.0	99.	0.0
31	8	31	19	14.7	.11	.73	1.1	25.	99.0	99.	2.3	25.	2.5	16.	99.0	99.	0.0
31	8	31	20	13.3	.44	.91	.7	25.	99.0	99.	1.1	24.	3.5	22.	99.0	99.	0.0
31	8	31	21	12.9	.45	.83	.5	1001.	99.0	99.	1.5	2.	2.1	22.	99.0	99.	0.0
31	8	31	22	12.4	.67	.92	1.5	33.	99.0	99.	1.6	2.	1.8	0.	2.4	3.	0.0
31	8	31	23	12.4	.57	.86	2.4	33.	99.0	99.	2.3	1.	2.1	29.	3.0	34.	0.0
31	8	31	24	11.8	.52	.76	2.2	35.	99.0	99.	2.1	1.	2.5	31.	2.4	1.	0.0



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TITTEL Meteorologiske data fra nedre Telemark sommeren 1981.		PROSJEKTLEDER B.Sivertsen NILU PROSJEKT NR 20476,20976,21876
FORFATTER(E) B. Sivertsen K. Arnesen		TILGJENGELIGHET ** A OPPDRAGSGIVERS REF.
OPPDRAGSGIVER Norsk Hydro, Rafnes, Porsgrunn Fabrikker, SFT, Kontrollseksjonen		
3 STIKKORD (å maks.20 anslag) Meteorologiske data Statist.bearbeiding		
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ABSTRACT (max. 300 characters, 5-10 lines) A statistical evaluation of meteorological data from nedre Telemark area during 1 June 1981 - 31 August 1981.		

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