

目 次

解 説	1 頁
第 1 回観測値（昭和 60 年 2 月 23 日～24 日）	5 頁
(1) 10 分間平均値	5 頁
(2) 30 分間平均値	17 頁
第 2 回観測値（昭和 60 年 2 月 25 日～26 日）	23 頁
(1) 10 分間平均値	23 頁
(2) 30 分間平均値	35 頁

解 説

1. まえがき

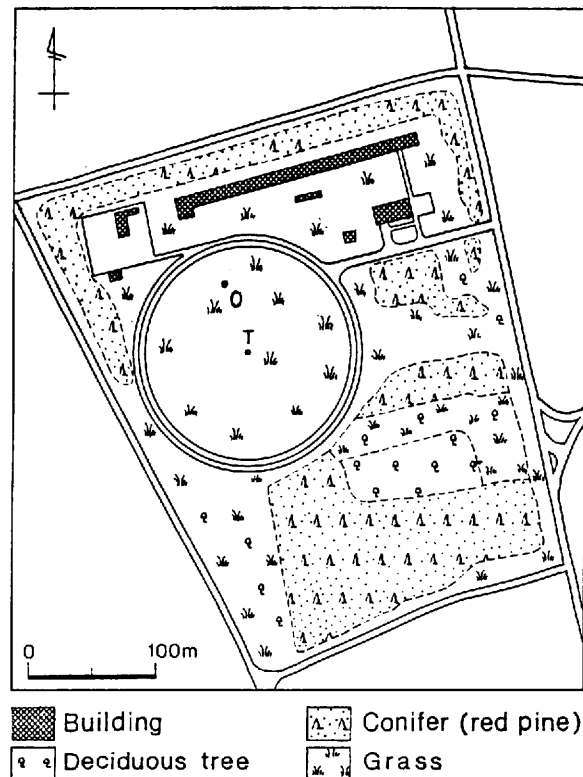
本資料は、「様々な植被上における乱流輸送の研究」の一貫として、筑波大学水理実験センターの熱収支・水収支圃場（牧草の刈取跡）において測定した、顕熱フラックス、運動量フラックスおよび関連する気象要素を、10分間平均値および30分間平均値に計算整理してまとめたものである。

測定は、昭和60年2月23日～24日および同年2月25日～26日の2回行なった。

2. 観測点の概要

筑波大学水理実験センターの熱・水収支実験圃場は、北緯36°06'00" 東経140°06'00"、地表面高度海拔25 mに位置し、関東平野の東北部、筑波山（876 m）の南方約12 kmの小貝川と桜川に囲まれた台地上にある（Fig. 1）。

実験圃場は、半径80 mの円形の圃場で、その外周には圃場からの表面流を集める側溝がとりまいている。圃場の中心部は、外周の側溝の天端高度（海拔27.0 m）より、約0.5 mほど高くなるように盛土をし、平均勾配1/160をもって表面流が側溝に集まるように整地されている。



第1図 実験地とその周辺の概況

Fig.1. Experimental site and its surrounding

3. 観測の概要

風速、運動量フラックス、顕熱フラックス、風速鉛直成分、温度変動および風向は、風向や風の吹走距離を考慮して、圃場北側（第1図O点）と圃場の中心に建てられた鉄塔（第1図T点）の2ヶ所で測定した。O点では地上0.5 m、2.0 mに、T点では地上1.6 mに超音波温度風速計を設置して、上記要素の観測を行なった。

全短波放射量、純放射量、地温、地中熱流量は鉄塔の日陰にならない南側にそれぞれ設置して、測定された。平均気温は、鉄塔（地上1.6 m）に設置された通風式白金低抗温度計によって測定した。

第1表は、観測要素、観測位置および測器を示したものである。

測定した要素の処理方法について、以下概説する。

風速：Wind Speed（U5，U2，U16）

超音波風速度計によって得られた風速の東西の東西成分 x と、南北成分 y から、 $\bar{U} = (\bar{x}^2 + \bar{y}^2)^{1/2}$ 式を利用して平均風速 \bar{U} を求めることができる。ここでバーは600秒（10分）間の平均を示し、 \bar{U} の演算は、ベクトル合成ユニットによって、アナログ的に求めた。単位は m/s である。

運動量フラックス：Momentum Flux（UW5，UW2，UW16）

超音波風速温度計によって得られた風速の垂直成分 W および、 x と y 成分をベクトル合成して得た水平風速 U はそれぞれ、 $W = \bar{W} + W'$ および $U = \bar{U} + U'$ と書き表わすことができる。ここで、 W および U は垂直および水平風速の変動量である。ここでいう運動量フラックスとは、2つの変動量の積の平均すなわち $\overline{U'W'} = (\overline{U - \bar{U}}) \cdot (\overline{W - \bar{W}})$ をアナログ的に求めたものである。ただし、バーは600秒（10分）間の平均を示す。単位は m^2/s^2 である。

顕熱フラックス：Sensible Heat Flux（WT5，WT2，WT16）

超音波風速温度計によって得られた気温 T は、 $T = \bar{T} + T'$ と書き表わすことができる。ここで、 T' は気温の変動量である。ここでいう顕熱フラックスとは、垂直風速および気温の変動量の積の平均、すなわち $\overline{W'T'} = (\overline{W - \bar{W}}) \cdot (\overline{T - \bar{T}})$ をアナログ的に求めたものである。ただし、バーは600秒（10分）間の平均を示す。単位は $^\circ C m/s$ である

全天短波放射：Total Short-wave Radiation (I)

熱電対式全天日射計を地表面からの高度、1.5 mに設置して測定した値である。単位は W/m^2 である。

純放射量：Net Radiation (RN)

通風型熱電対式放射収支計を地表面からの高度、1.5 mに設置して測定した値である。単位は W/m^2 である。

地中熱流量：Soil Heat Flux (G)

熱電対式地中熱流板によって得られた値で、Gの埋設深度は、地表面下2 cmである。単位は W/m^2 である。

気温：Air Temperature (TA)

通風式白金抵抗温度計によって得られた値である。T1は、観測鉄塔（第1図T点）の北東側での地表面から高度1.6 mにおける観測値である。単位は $^\circ C$ である。

Table. 1 Observation elements, symbols, observation points and instruments.

要素	elements	symbols	observation points	instruments
風速	wind	U 5, U 2, U 16	0.5, 2.0, 1.6 m	sonic anemometer-thermometer
運動量フラックス	momentum flux	UW 5, UW 2, UW 16	0.5, 2.0, 1.6 m	"
顕熱フラックス	sensible heat flux	WT 5, WT 2, WT 16	0.5, 2.0, 1.6 m	"
全短波放射量	total short-wave radiation	I	1.5 m	Moll-gorczyński type Solarimeter
純放射量	net radiation	RN	1.5 m	Funk type radiometer
地中熱流量	soil heat flux	G 2	- 2 cm	heat flow plate
気温	air temperature	TA 16	1.6 m	platinum resistance thermometer
地温	soil temperature	ST 1, ST 2	- 2, - 10 cm	"
風向	wind direction	D 5, D 2, D 16	0.5, 2.0, 1.6 m	sonic anemometer-thermometer
温度変動	temperature fluctuation	T 5, T 2, T 16	0.5, 2.0, 1.6 m	"
風速鉛直成分	vertical wind speed	W 5, W 2, W 16	0.5, 2.0, 1.6 m	"

地 温：Soil Temperature (S T 1 , S T 2)

防水型白金抵抗温度計によって得られた値で，ST1， ST2 の埋設深度は，それぞれ 2 cm， 10 cm である。単位は℃である。

風 向：Wind direction (D 5 , D 2 , D 1 6)

超音波風速温度計によって測定したもので， $\bar{D} = \tan^{-1}(\bar{x}/\bar{y})$ によって求めている。ここに， \bar{D} は平均風向， \bar{x} ， \bar{y} はそれぞれの風速の東西成分，南北成分の平均値で，平均化時間は 600 秒である。単位は，北をゼロにして時間廻りに 360° とつてているが，540°までオーバーラップさせてある。

その他(温度変動，風速鉛直成分)

その他に，超音波風速温度計を利用して，温度変動 (T 5 , T 2 , T 1 6) および風速鉛直成分 (W 5 , W 2 , W 1 6) を測定した。それぞれの単位は℃および m/sec である。

4. あとがき

本データ集は，筑波大学学内プロジェクト研究費の配分を得て実施した「様々な植被上における乱流輸送の研究」の成果の一部をとりまとめたものである。研究担当者は以下の通りである。

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(1) 昭和60年2月23～24日(10分間平均値)

2-25

	US	MS	T5	CS	JMS	MTS	J2	W2	T2	J2
16HR	0.45303	0.17215	1.12220	205.97124	0.01227	-0.00119	0.56955	0.26532	3.77273	222.31329
	0.46893	0.16683	0.69247	209.86463	1.00595	-0.00313	0.64528	0.24016	3.51937	219.30023
	0.34593	0.16798	-0.00587	224.01797	0.00543	-0.00543	0.43963	0.35549	2.93527	224.31593
	0.25443	0.17561	-1.08580	214.45919	0.01331	-0.02257	0.32257	0.25734	1.57380	211.61670
	0.37113	0.17536	-2.44927	192.82597	0.02544	-0.00456	0.85246	0.24550	0.92297	117.05063
	0.38082	0.17343	-3.13320	213.11930	1.02111	-0.00391	0.16010	0.25581	0.87147	78.35169
19HR	0.29132	0.17274	-5.27878	201.60021	0.01436	-0.00011	0.19113	0.24122	0.12367	132.31979
	0.16320	0.17147	-3.33920	151.49129	0.01143	-0.00046	0.23072	0.23970	-0.40200	336.93236
	0.29915	0.17636	-3.86787	158.25058	0.01197	-0.00080	0.30195	0.23963	-0.36293	431.43457
	0.29167	0.17120	-3.71073	200.11667	0.00668	0.00028	0.18978	0.23913	-0.86327	508.56812
	0.97747	0.17523	-4.01313	195.66329	0.01170	0.00150	0.78135	0.24144	-0.33667	328.42163
	0.29792	0.17613	-3.31667	183.75200	0.00882	0.00116	0.17283	0.23977	-0.30667	428.82007
20HR	0.27373	0.17782	-2.80453	209.89792	0.00935	0.00051	0.14417	0.24107	0.22993	301.35687
	0.43327	0.17590	-2.54633	163.46693	0.00839	0.00006	0.29253	0.25071	0.32213	397.12476
	0.27328	0.17337	-2.51073	183.06019	0.00927	-0.00031	0.31133	0.25230	0.53713	229.76907
	0.38033	0.17662	-1.94280	153.77417	0.00901	-0.00172	0.33333	0.25333	0.64433	142.01631
	0.36013	0.17627	-2.70200	207.49039	0.00743	0.00028	0.31653	0.25710	0.20720	250.36369
	0.33240	0.17903	-3.62313	213.60370	0.01205	0.00339	0.29760	0.25593	-0.21320	249.67076
21HR	0.31343	0.17724	-3.89420	203.09130	0.01139	0.00093	0.25055	0.25260	-0.67267	250.43396
	0.27753	0.17369	-4.58647	203.96733	0.00846	0.00037	0.20663	0.24250	-1.07953	238.34373
	0.22233	0.17496	-5.20030	201.93313	0.00722	0.00195	0.25303	0.25911	-1.39953	244.75953
	0.22825	0.17231	-4.54350	201.83119	0.01093	0.00054	0.30010	0.24306	-1.47367	224.36908
	0.39407	0.17416	-4.23313	194.56374	0.01010	0.00189	0.37145	0.24929	-1.17300	229.34462
	0.36477	0.17662	-4.53633	198.37793	0.01541	0.00459	0.31607	0.24962	-1.44700	269.07566
22HR	0.33333	0.18244	-4.72933	149.77432	0.01319	0.00265	0.25070	0.24706	-1.68240	319.43403
	0.31017	0.17127	-4.61353	173.68553	0.00446	0.00283	0.23645	0.24690	-1.69300	449.36519
	0.22033	0.17114	-4.42420	193.15503	0.00835	0.00075	0.36627	0.24547	-1.66847	195.96239
	0.42593	0.18027	-4.10153	217.16633	0.01205	0.00056	0.31392	0.24632	-1.22047	130.53363
	0.39230	0.17354	-4.14347	196.74392	0.00747	0.00065	0.20347	0.25537	-1.65580	198.07559
	0.43048	0.17699	-4.49127	217.27617	0.00784	0.00034	0.27012	0.26756	-1.23720	306.13262
23HR	0.30775	0.17358	-4.23433	201.84827	0.01289	0.00015	0.33720	0.26005	-1.48467	278.29077
	0.49377	0.17913	-3.61460	213.00236	0.00213	-0.00092	0.30497	0.25172	-1.09593	243.74513
	0.70320	0.17645	-3.25730	219.76226	0.00141	-0.00115	0.26632	0.27263	-1.03787	230.42339
	0.41192	0.16394	-2.30275	212.00126	0.01245	-0.00071	0.26310	0.24297	-0.91633	216.79010
	0.22302	0.15483	-1.98630	249.13466	0.00730	-0.00056	0.21095	0.24221	-0.53340	261.92334
	0.94077	0.17334	-0.37107	263.39941	-0.00159	-0.00095	1.14733	0.25415	0.35113	305.64062

2-24

	U5	W5	T5	J5	W*5	W*5	W*5	U2	W2	T2	D2
0nR	1.53723	0.19656	1.00620	299.77369	-0.13056	-0.02040	1.94830	0.24662	2.10507	305.45052	
	1.46222	0.20692	1.03455	303.97310	-0.15075	-0.01557	1.77427	0.27555	2.25740	311.67730	
	1.35330	0.17773	1.13280	311.26129	-0.07327	-0.01294	1.93217	0.30701	2.21507	313.42335	
	1.24333	0.16502	0.92420	301.57471	-0.13845	-0.01420	1.43185	0.22211	2.06937	324.33331	
	1.13943	0.17633	3.61413	294.42393	-0.14267	-0.02012	1.42126	0.25372	1.87107	328.86333	
	1.47926	0.13231	0.55747	592.34339	-0.03754	-0.02157	1.72352	0.19073	1.68600	305.67732	
1HR	1.15228	0.17972	0.11767	309.67329	-0.10066	-0.01900	1.27445	0.30110	1.46213	312.66945	
	1.53947	0.21401	0.07333	314.59152	-0.10259	-0.02409	1.62793	0.22663	1.24313	317.77905	
	1.11658	0.19624	-0.14160	315.33057	-0.03276	-0.02264	1.36098	0.30170	1.20060	318.15320	
	1.30437	0.15776	-0.26467	309.02734	-0.02584	-0.02573	1.55280	0.33010	0.93793	315.83223	
	1.74483	0.14689	-0.14880	312.65035	-0.09654	-0.02447	1.96893	0.24619	0.89220	315.91772	
	1.31262	0.19771	-0.24147	312.19331	-0.12435	-0.02539	1.66157	0.23121	0.96040	314.10425	
2HR	1.41533	0.17936	-0.03887	310.57007	-0.04797	-0.02389	1.71435	0.22331	0.77047	310.74392	
	1.39032	0.20395	-0.05506	316.42358	-0.11152	-0.02262	1.65395	0.26594	0.77647	316.92280	
	1.30500	0.16942	-0.059013	324.36034	-0.08639	-0.01872	1.57923	0.26866	0.74707	323.20885	
	1.44695	0.21138	-0.066740	327.37356	-0.13236	-0.02188	1.78732	0.29397	0.59607	328.63647	
	1.90945	0.23866	-0.054367	321.15306	-0.14623	-0.02492	0.34779	0.22413	0.52413	322.17333	
	2.01600	0.18154	-0.134113	307.84304	-0.15310	-0.02067	2.36083	0.28973	0.60953	310.48193	
3HR	2.35268	0.18760	-0.034833	305.75317	-0.08344	-0.01692	2.59211	0.30220	0.47360	306.03223	
	2.20300	0.18329	-0.034460	309.40620	-0.13212	-0.01995	2.55638	0.27429	0.33200	302.75095	
	1.90377	0.18177	-0.076333	229.67349	-0.14626	-0.01553	2.15707	0.29554	0.15707	292.47827	
	1.82660	0.19109	-0.082780	300.54353	-0.13446	-0.02013	2.11573	0.29632	0.10040	301.38231	
	1.65657	0.17305	-0.099600	292.21191	-0.12835	-0.02258	2.00335	0.27752	-0.01027	294.97217	
	2.20330	0.18116	-0.130453	290.77002	-0.03069	-0.02249	2.43237	0.27733	-0.24437	292.55840	
4HR	1.93815	0.23273	-0.06400	285.91321	-0.15655	-0.02449	2.26093	0.29300	-0.21660	289.21484	
	2.14733	0.16817	-0.02320	273.10369	-0.14809	-0.01719	2.45393	0.31526	-0.23073	286.15210	
	1.82725	0.18461	-0.136200	225.30990	-0.13053	-0.01713	2.23920	0.31700	-0.47260	283.44312	
	1.66933	0.18557	-0.164337	221.54597	-0.17624	-0.02691	1.98662	0.25503	-0.67360	286.67305	
	1.67612	0.21029	-0.177327	223.57327	-0.14694	-0.02726	1.99218	0.22008	-0.73800	290.20923	
	1.43355	0.16442	-0.195260	223.71313	-0.04951	-0.02342	1.53575	0.27591	-0.84913	289.64741	
5HR	1.53163	0.18523	-0.193073	271.17671	-0.09067	-0.02642	1.73510	0.26072	-0.87760	279.60542	
	1.28120	0.16825	-2.035660	223.34339	-0.15334	-0.02573	1.42635	0.25060	-1.13137	277.21240	
	0.63397	0.18800	-2.070133	287.64231	-0.10308	-0.02845	1.00192	0.25716	-1.43240	290.71509	
	0.60222	0.19073	-2.068073	264.96350	-0.03434	-0.02253	0.26273	0.26273	-1.35753	274.07593	
	0.73733	0.17422	-3.12113	247.02917	-0.01410	-0.02159	0.63332	0.24041	-1.42960	257.21533	
	0.71415	0.18135	-3.046137	234.54335	-0.01500	-0.01495	0.73235	0.23543	-1.81500	248.50613	
6HR	0.75657	0.18204	-3.072660	232.43349	-0.02366	-0.01708	0.94230	0.24672	-2.03493	244.94203	
	0.74842	0.18734	-3.24973	245.41643	0.01603	-0.01495	0.89230	0.23495	-1.72980	253.63969	
	0.48736	0.18966	-3.091613	293.02197	0.01921	-0.01267	0.67187	0.26239	-1.43033	304.09644	
	0.30797	0.17997	-4.05267	306.86060	0.00996	-0.00812	0.36542	0.25113	-2.13257	362.35742	
	0.77445	0.19092	-3.053213	268.25669	0.00004	-0.00358	0.70680	0.26110	-1.90930	303.87476	
	0.65142	0.17817	-2.075167	231.61830	-0.01619	-0.01213	0.99343	0.25043	-1.39213	292.26313	
7HR	0.73660	0.17566	-3.03073	294.18977	-0.04489	-0.00680	0.01410	0.23009	-1.07060	298.55054	
	0.75333	0.17233	-3.13747	231.59327	-0.03133	-0.01174	0.71133	0.21244	-0.81420	233.86965	
	0.85327	0.18434	-1.85307	285.64339	-0.03360	0.00336	1.05337	0.23533	-0.31737	288.53315	
	1.30678	0.15034	-1.07949	301.17139	-0.03490	0.00736	1.30137	0.27978	-0.05580	306.11768	
	1.57418	0.19931	-0.030860	300.61332	-0.00957	0.01171	1.64303	0.32650	0.23527	304.93774	
	1.66660	0.16955	-0.115527	237.30640	-0.03439	0.01675	2.14527	0.26693	0.46540	291.51934	

2-24

	U5	W5	T5	D5	WWS	WT5	U2	x2	T2	D2
6HR	2.41825	0.21804	0.56670	289.65039	-0.20329	0.01662	2.20853	0.29302	0.45200	290.66690
	2.41208	0.18008	0.59327	289.44517	-0.18669	0.02037	2.21355	0.32205	0.35960	290.70374
	2.09182	0.21277	0.73200	283.66260	-0.12817	0.03100	2.49957	0.35191	1.13693	286.62915
	2.45194	0.20813	0.63940	282.79513	-0.12873	0.03329	3.01421	0.27328	1.01293	288.67993
	2.56682	0.28927	1.09460	282.66450	-0.14382	0.03550	3.01085	0.23175	1.34687	283.93218
	2.17738	0.21777	1.25400	285.35915	-0.10882	0.04682	2.55038	0.28937	1.35993	286.51023
9HR	2.36747	0.24238	1.28300	295.26979	-0.22033	0.04495	2.90950	0.30101	1.51620	294.99829
	2.46758	0.18360	1.55253	299.14087	-0.29178	0.06226	2.95211	0.20822	1.71493	299.06812
	2.47015	0.22364	2.02660	289.78101	-0.19346	0.04412	2.91407	0.29157	2.15500	292.08496
	2.51613	0.19360	2.03667	284.92896	-0.12882	0.04837	3.02828	0.24750	2.12140	287.08545
	2.69697	0.22719	2.08667	293.67939	-0.23384	0.06294	3.36687	0.31192	2.03200	296.05029
	2.63598	0.24091	2.34372	294.07129	-0.25676	0.03547	3.44392	0.23104	2.26107	293.99658
10HR	2.48257	0.23939	2.61893	273.41211	-0.19110	0.03797	2.88790	0.32200	2.74830	281.82837
	2.61761	0.24226	2.54967	281.46210	-0.15907	0.05915	3.12913	0.27354	2.78020	283.44946
	2.24945	0.22934	3.23627	281.26074	-0.13354	0.07341	2.84140	0.24374	3.29373	282.40454
	2.65017	0.25603	3.13400	292.47192	-0.11782	0.08240	3.15370	0.25633	3.01367	292.84814
	2.46137	0.23674	3.17620	303.45193	-0.19712	0.03185	2.93676	0.20982	3.20220	301.16675
	2.45872	0.22586	3.46313	304.34741	-0.19137	0.07121	2.96132	0.33018	3.44700	302.23511
11HR	2.84947	0.17289	3.62713	299.18140	-0.13170	0.07431	3.37733	0.33316	3.48847	298.66582
	2.40317	0.21876	4.23693	297.62085	-0.20147	0.08587	2.71132	0.35091	4.28507	298.10425
	2.49667	0.19220	4.38067	291.14520	-0.14681	0.10382	2.97945	0.27511	4.33960	291.66992
	2.63843	0.22773	4.26327	295.80029	-0.16736	0.09348	3.46835	0.29937	4.13893	296.63354
	2.03158	0.26772	4.27073	303.78760	-0.17461	0.07463	3.38822	0.23115	4.17327	302.68433
	2.70642	0.23277	4.52300	311.68774	-0.13989	0.08824	3.05243	0.28360	4.43393	309.36916
12HR	2.53833	0.21028	4.14200	312.30347	-0.12825	0.09325	2.93592	0.28504	4.17140	312.84985
	2.40437	0.25185	4.00333	314.02783	-0.15841	0.08982	2.88277	0.33433	4.14333	313.75977
	2.71273	0.17591	4.92687	291.05847	-0.20045	0.07619	3.28630	0.31071	4.75187	291.26270
	2.60062	0.13751	4.92340	291.88232	-0.27423	0.09700	4.58537	0.25218	4.83653	291.50171
	2.63545	0.17958	5.06320	288.33501	-0.21174	0.03146	3.23350	0.30310	4.94793	291.12744
	2.23270	0.20911	5.43040	280.15699	-0.25360	0.09360	2.83010	0.29173	5.38393	285.11621
13HR	2.65970	0.23094	4.67167	299.69531	-0.163071	0.09420	3.15590	0.29927	4.65147	300.39087
	2.43440	0.21266	4.77847	302.35584	-0.23890	0.08796	3.37480	0.33586	4.60335	301.37744
	3.00858	0.23832	4.29835	298.73823	-0.23048	0.03033	3.84422	0.25115	4.31673	299.83965
	2.81192	0.22223	4.50973	309.50820	-0.10535	0.05736	3.87833	0.33138	4.58180	309.55762
	2.58240	0.21671	4.43167	311.21784	-0.21180	0.07324	2.86153	0.28337	4.80313	311.92090
	2.58402	0.18359	4.77287	313.64795	-0.22203	0.08056	2.75926	0.22323	4.99330	313.35765
14HR	2.72530	0.19799	5.02813	314.16626	-0.20245	0.08821	3.23135	0.31009	4.97900	312.72691
	2.72170	0.24141	4.80583	311.99174	-0.13492	0.08156	3.23257	0.29324	4.92507	312.00732
	2.36846	0.18189	4.16560	316.30200	-0.22419	0.06477	2.73555	0.26608	4.63673	318.36401
	2.62940	0.23601	4.74733	314.58015	-0.14102	0.04827	3.09757	0.34187	4.98100	313.94775
	2.63308	0.22334	3.64587	311.21804	-0.12413	0.05250	3.19236	0.37155	4.10933	311.42609
	2.45862	0.23315	4.00187	314.35831	-0.16444	0.01899	2.90863	0.26103	4.59013	315.07880
15HR	2.13007	0.31187	4.06880	314.79853	-0.17073	0.03933	3.38732	0.35371	4.79133	314.33444
	2.35942	0.22073	4.19707	314.74951	-0.20089	0.04782	3.00903	0.28729	4.50287	313.51968
	2.35017	0.18508	4.02587	314.91523	-0.20160	0.04367	2.73270	0.29113	4.60140	314.01001
	2.21785	0.23017	3.92940	319.97144	-0.16672	0.04483	3.87582	0.27420	4.68129	321.51929
	2.41103	0.22402	4.04380	312.33252	-0.20374	0.03377	2.72632	0.30332	4.53987	312.29541
	2.27337	0.23543	3.90387	303.34570	-0.26424	0.02582	2.73380	0.32405	4.42827	303.23003

2-24

	US	WS	T5	D5	URS	*T5	U2	*R2	T2	D2
10HR	2.62355	0.16833	3.55235	301.22035	-0.11415	0.01990	2.63992	0.31959	4.27867	303.03374
	2.02593	0.29465	3.57320	305.02379	-0.15157	0.01444	2.42290	0.22100	4.10100	305.57153
	1.91222	0.19977	3.17967	300.29730	-0.20959	0.00857	2.20010	0.30451	3.99493	309.43657
	1.21432	0.22008	2.94690	311.95053	-0.13320	0.00901	2.24433	0.23365	3.43220	313.15359
	2.03372	0.23292	2.83393	300.09335	-0.11533	-0.00135	2.32933	0.20113	3.50233	304.93344
	1.62662	0.22182	2.72033	300.71933	-0.04526	-0.01394	1.93360	0.24315	3.53940	305.15015
17HR	1.96230	0.21777	1.81527	311.45020	-0.13308	-0.02164	2.34012	0.27209	2.36800	309.60532
	1.33355	0.19801	1.62587	303.69966	-0.19648	-0.02468	1.73478	0.29378	2.79700	308.70801
	1.05083	0.19210	1.20787	300.65547	-0.13650	-0.02379	1.31302	0.24571	2.59407	304.55347
	1.21523	0.20889	0.95420	296.31039	-0.03273	-0.01845	1.45842	0.33036	2.25760	300.52831
	1.17868	0.17835	0.73767	284.41699	-0.03445	-0.02507	1.35447	0.22604	2.03213	295.02197
	1.13613	0.19654	0.49200	232.04175	-0.01563	-0.02516	1.33210	0.31341	1.31260	291.52148
13HR	1.11023	0.17784	0.28107	233.32642	-0.06789	-0.02544	1.36185	0.15126	2.05693	296.56953
	1.49932	0.13370	0.45940	285.19092	-0.03040	-0.02538	1.76408	0.20226	1.60233	287.05833
	1.34748	0.16683	0.33180	251.68535	-0.07693	-0.02592	1.63930	0.23354	1.55347	283.56035
	1.54417	0.21112	0.31060	283.46143	-0.03354	-0.02918	1.36620	0.23379	1.45500	291.06445
	1.51437	0.21291	0.25653	293.57471	-0.06327	-0.01834	1.75332	0.24345	1.44580	302.69507
	1.99220	0.20157	0.36740	304.12635	-0.11956	-0.02153	2.30913	0.11929	1.39440	304.17554

	WT5	UT6	W16	T16	D16	UM16	MT16	ST2	ST10
2-23									
16HR	0.00266 0.02312 0.00176 -0.00358 0.00059 0.01129	0.04677 1.01653 0.41615 0.27135 0.17142 0.37025	0.52353 0.52991 0.52994 0.51197 0.51333 0.51335	1.05000 1.05693 0.52353 -0.01133 1.01113 -2.00337	245.50005 234.42830 230.21100 195.60774 199.06195 137.69273	0.00065 -0.04759 0.01038 -0.00148 -0.00737 -0.00031	-0.00104 -0.00167 -0.00031 0.00139 -0.00099 -0.00030	5.45120 5.30940 5.10153 5.04323 4.97033 4.73013	5.34567 6.34153 5.31197 5.31713 5.30100 6.22507
19HR	0.00934 0.01259 0.01138 0.00673 0.00699 0.00372	0.31870 0.15393 0.34232 0.37172 0.23155 0.19452	0.51991 0.51776 0.42805 0.51631 0.50276 0.50300	-2.05013 -2.02327 -2.07793 -3.09532 -2.00747 -2.04700	224.64065 261.12598 444.81396 231.95532 235.96379 213.19539	0.00364 0.00479 0.00614 -0.00517 0.01464 0.00214	-0.00037 0.00013 -0.00093 -0.00032 -0.00111 -0.00032	4.65413 4.53627 4.42200 4.31060 4.22560 4.16093	6.26733 6.23660 6.21840 6.19640 6.17787 6.14867
20HR	0.01143 0.01601 0.00922 0.01308 0.02050 0.01117	0.17235 0.27455 0.31592 0.31795 0.42200 0.37482	0.50126 0.50993 0.50986 0.50475 0.52009 0.52309	-2.07247 -1.00600 -1.02367 -1.05273 -1.00953 -2.03443	218.57568 372.57554 216.63268 235.19263 239.09396 230.47239	0.00246 0.00281 0.00366 0.00379 0.04402 0.02267	-0.00076 -0.00072 -0.00124 0.00013 -0.00032 -0.00027	4.12413 4.10667 4.09860 4.08960 4.06740 4.01433	6.12333 6.09973 6.09860 6.03307 6.00293 5.97080
21HR	0.00839 0.01235 0.01543 0.02823 0.01688 0.01107	0.00438 0.00008 0.00000 -0.00007 0.00104 0.00013	0.50500 0.52373 0.52003 0.52310 0.52121 0.54043	-2.07007 -3.09753 -3.05653 -3.01733 -3.02613 -3.00633	240.96049 234.14128 231.17747 223.65439 227.63513 234.80719	0.01689 0.00461 0.01366 0.00972 0.02858 0.01233	-0.00138 -0.00087 -0.00288 -0.00144 -0.00180 0.00059	3.94207 3.50320 2.02527 1.93373 1.82707 1.73387	5.94713 5.91353 5.89140 5.87073 5.84640 5.82207
22HR	0.01329 0.01745 0.02659 0.01574 0.01007 0.02254	0.23535 0.39578 0.47295 0.34732 0.47480 0.38682	0.53451 0.51795 0.52566 0.52333 0.54228 0.56006	-3.03093 -3.04680 -3.05627 -3.04913 -3.02020 -3.00707	279.90693 444.14160 211.33710 233.95336 226.73220 262.69287	0.01455 0.01294 -0.00993 0.00101 0.01112 0.01763	-0.00059 0.00046 -0.00231 -0.00327 -0.00172 0.00026	1.72150 1.60260 1.63633 1.63400 1.62933 1.59767	5.79413 5.75920 5.73900 5.71493 5.68700 5.65960
23HR	0.02740 0.00856 0.07769 0.04156 -0.01959 -0.10972	0.59075 0.58633 0.98365 0.65968 0.62212 1.07247	0.54549 0.54309 0.54152 0.51454 0.51101 0.53427	-3.01207 -3.03937 -3.02440 -2.09873 -2.09373 -1.055727	239.64648 259.26845 234.35959 228.90952 255.62869 237.37476	0.01342 0.00397 0.14465 0.06329 -0.01546 -0.020070	0.00022 0.00512 -0.00329 -0.00263 -0.00273 -0.00068	1.56967 1.55337 1.53257 1.52640 1.52400 1.51993	5.63473 5.60420 5.57120 5.55100 5.53100 5.50140

Z-24

	UW2	WT5	U16	WT6	T16	D16	UW16	WT16	ST2	ST10
0HR	-0.29299	-0.00344	2.01537	0.64934	0.82253	298.20752	-0.25235	-0.00524	1.53313	5.48153
	-0.45221	0.06295	1.23632	0.81376	0.31120	299.82724	-0.11933	0.00659	1.56013	5.43767
	-0.27235	0.06943	1.37103	0.62943	0.31413	304.25366	-0.23434	0.00445	1.55293	5.42315
	-0.27225	0.01049	1.20130	0.35939	0.07957	297.97461	-0.35612	0.00735	1.56320	5.40327
	-0.24655	0.00566	1.32435	0.38456	0.24830	239.50732	-0.30132	0.00710	1.56350	5.39373
	-0.24654	0.00161	1.72960	0.00201	-0.32140	239.17396	-0.43333	0.00137	1.56000	5.37137
1HR	-0.37813	0.00475	1.41617	0.62981	-0.47630	301.37476	-0.32891	-0.00187	1.52380	5.34947
	-0.21064	-0.06141	1.77636	0.65655	-0.72227	304.23584	-0.29474	-0.00167	1.49747	5.33113
	-0.33504	0.00238	1.45753	0.60974	-0.78047	302.20190	-0.24956	-0.00102	1.46960	5.31120
	-0.14273	-0.00146	1.51157	0.61474	-0.81153	304.50420	-0.19561	-0.00165	1.42537	5.29687
	-0.33223	0.00105	1.81382	0.62511	-0.99140	309.38550	-0.13753	-0.00428	1.39947	5.27693
	-0.42027	0.00322	1.47667	0.60460	-0.92400	310.33350	-0.15634	-0.00517	1.37147	5.25293
2HR	-0.39377	0.00723	1.31620	0.60559	-1.14687	309.22534	-0.15839	-0.00448	1.33647	5.24207
	-0.43312	0.00389	1.37657	0.61615	-1.17720	309.44580	-0.13745	-0.00447	1.31057	5.22920
	-0.26703	-0.00002	1.50853	0.60160	-1.18433	321.31274	-0.21316	-0.00432	1.27787	5.21200
	-0.29697	0.01303	1.63117	0.63962	-1.35773	324.47144	-0.19312	-0.00281	1.24487	5.18933
	-0.40702	0.01300	2.17663	0.63310	-1.43313	314.18433	-0.23253	-0.00034	1.21737	5.17340
	-0.45479	0.01249	2.61573	0.63312	-1.43313	305.51660	-0.24134	0.00593	1.19513	5.15587
3HR	-0.34057	0.01868	2.84360	0.70956	-1.60727	297.92871	-0.37200	0.01356	1.17313	5.13347
	-0.30436	0.01278	2.43347	0.59606	-1.68320	292.24512	-0.20484	0.00564	1.15693	5.11667
	-0.31452	0.01154	2.45613	0.64632	-1.75517	267.75317	-0.35547	0.01305	1.13737	5.10033
	-0.40902	0.01560	2.47460	0.56007	-1.99427	292.69971	-0.35407	0.01004	1.12707	5.08220
	-0.45732	0.01091	2.82019	0.61735	-2.14347	289.12305	-0.43013	0.01004	1.10827	5.06187
	-0.31360	0.00750	2.78556	0.59453	-2.32467	286.23315	-0.33432	0.01074	1.08493	5.04227
4HR	-0.52503	0.01108	2.65225	0.59917	-2.34007	287.11157	-0.50795	0.01155	1.06633	5.02200
	-0.38470	0.01340	2.38620	0.59547	-2.51037	233.83203	-0.46442	0.01340	1.04653	5.00500
	-0.50779	0.01594	2.67029	0.57660	-2.60347	279.42157	-0.39167	0.01305	1.02653	4.99533
	-0.51762	0.01189	2.72761	0.56704	-2.72413	279.78467	-0.33196	0.01215	1.00327	4.96433
	-0.33043	0.00370	2.50732	0.53273	-2.87637	281.63765	-0.46944	0.01152	0.97693	4.94687
	-0.41669	0.00565	2.54330	0.54739	-2.93460	282.95532	-0.43027	0.00756	0.95127	4.92667
5HR	-0.50940	0.00372	2.06640	0.52141	-3.04110	278.93311	-0.36972	0.00426	0.92473	4.91533
	-0.40662	0.00301	1.80914	0.52504	-3.20450	278.37938	-0.45033	0.00509	0.89553	4.90193
	-0.57163	0.00331	1.46732	0.52305	-3.37333	279.08716	-0.26136	-0.00316	0.86730	4.87940
	-0.14032	-0.00032	1.23940	0.55435	-3.34947	270.34437	-0.17321	-0.00676	0.83620	4.86440
	-0.04732	-0.00345	1.44453	0.54354	-3.45427	261.57129	-0.09308	-0.00925	0.79440	4.84487
	-0.04346	-0.00683	1.15355	0.54392	-3.79137	253.06193	-0.07374	-0.01407	0.76087	4.82753
6HR	-0.10143	-0.00811	1.44477	0.57460	-4.09393	249.12801	-0.00427	-0.01279	0.72313	4.81000
	-0.04373	-0.00614	1.29243	0.55870	-3.80327	258.59766	-0.03556	-0.01595	0.67733	4.79013
	-0.01753	-0.00305	0.91693	0.56204	-3.97037	290.01953	-0.03493	-0.00727	0.63993	4.76993
	0.04065	-0.00146	0.51346	0.52553	-3.95700	343.00146	0.00655	0.00595	0.60653	4.75113
	0.00850	-0.00373	0.66665	0.55161	-3.67397	304.27808	-0.05520	-0.00323	0.57613	4.73327
	-0.16996	-0.00153	1.31225	0.53347	-3.52400	286.83960	-0.112763	-0.00335	0.54273	4.71257
7HR	-0.16545	0.00483	1.66713	0.51677	-3.09173	290.35900	-0.10224	-0.00269	0.51347	4.69360
	-0.00723	0.00730	0.94773	0.51334	-3.07373	279.61543	-0.117314	0.00221	0.50007	4.67440
	-0.00961	0.01368	1.24323	0.52309	-3.33200	267.03470	-0.12593	0.00321	0.50053	4.65060
	-0.23504	0.02160	1.69163	0.60020	-2.04447	291.23461	-0.22377	0.01263	0.50353	4.62113
	-0.33473	0.03327	2.25213	0.63765	-1.89533	238.32664	-0.33677	0.02126	0.50787	4.60507
	-0.44541	0.04070	2.50113	0.67733	-1.59450	235.92700	-0.46497	0.03374	0.50760	4.59313

2-24

	UR2	RTS	U16	W16	T16	D16	Jx16	WT16	ST2	ST10
6HR	-0.57407	0.05139	3.03902	0.11490	-1.60660	286.07129	-0.45811	0.04133	0.56627	4.553093
	-0.41814	0.03877	2.60572	0.87437	-1.22233	286.86672	-0.35759	0.03987	0.96313	4.550690
	-0.35604	0.04817	3.35490	-0.33430	-1.03640	283.32730	-0.33110	0.04174	1.05340	4.54707
	-0.33359	0.05937	3.47875	0.65695	-1.16093	283.09370	-0.35027	0.04197	1.14355	4.54069
	-0.30672	0.05433	3.35397	0.01473	-0.99210	283.97144	-0.32499	0.04732	1.24173	4.53600
	-0.53770	0.05098	3.52122	0.05305	-1.30393	282.94211	-0.46248	0.05440	1.35313	4.53027
9HR										
	-0.37056	0.05921	3.54006	0.63021	-0.69437	283.93972	-0.46103	0.05431	1.45120	4.53760
	-0.43209	0.06000	3.05413	0.70597	-0.25900	291.13086	-0.46536	0.05335	1.55460	4.54520
	-0.39318	0.04901	3.99138	0.66537	-0.26430	286.96484	-0.22652	0.05322	1.65853	4.55320
	-0.42622	0.07262	3.38446	0.67057	-0.07800	284.52051	-0.30145	0.06169	1.76510	4.57107
	-0.51130	0.07261	3.57775	0.66631	-0.09373	293.14233	-0.44862	0.05932	1.88200	4.59000
	-0.43899	0.06866	3.55042	0.59569	-0.18400	291.00325	-0.51563	0.05712	1.99700	4.60747
10HR										
	-0.45465	0.06684	3.48537	0.66494	0.55133	279.43091	-0.54640	0.06447	2.11640	4.62200
	-0.50753	0.09264	3.09142	0.63841	0.15733	281.38647	-0.39772	0.07066	2.25280	4.66413
	-0.46891	0.07727	3.16923	0.66049	1.16437	278.30249	-0.43941	0.06456	2.39307	4.69613
	-0.44240	0.09192	3.26623	0.62602	0.93947	269.34448	-0.36404	0.07300	2.54133	4.72967
	-0.46679	0.07755	3.19000	0.66460	1.10950	283.51416	-0.42153	0.06312	2.69673	4.76560
	-0.51899	0.07515	3.13142	0.63216	1.54733	291.66433	-0.44443	0.07322	2.85193	4.79953
11HR										
	-0.46286	0.10074	3.00301	0.70715	1.41740	293.77681	-0.52757	0.07183	3.00247	4.83327
	-0.47533	0.08274	3.21666	0.65936	1.23530	293.98606	-0.39940	0.06349	3.14673	4.88233
	-0.37528	0.10684	3.37327	0.71220	1.98730	292.47820	-0.41923	0.05066	3.29330	4.92307
	-0.44967	0.09634	3.03630	0.73343	2.07715	298.07715	-0.39371	0.07375	3.44600	4.96867
	-0.40526	0.08479	3.55173	0.73584	2.06390	296.06612	-0.39009	0.07343	3.59453	5.01753
	-0.46663	0.06849	2.73933	0.71123	2.66913	299.49731	-0.44192	0.07447	3.71200	5.05593
12HR										
	-0.35959	0.09549	3.01192	0.69049	2.34090	310.05884	-0.32233	0.07392	3.83820	5.10933
	-0.35661	0.08160	3.23666	0.63804	2.43347	313.28271	-0.21271	0.05739	3.94353	5.15707
	-0.42677	0.07016	3.53616	0.65476	2.58533	304.49951	-0.25230	0.05316	4.03353	5.20353
	-0.47261	0.09000	3.33743	0.62793	2.63327	283.28610	-0.31863	0.03171	4.13240	5.24767
	-0.42631	0.07909	3.70719	0.69106	2.67130	288.61621	-0.44563	0.06941	4.23413	5.29967
	-0.43796	0.03909	3.08027	0.69045	3.14113	265.47705	-0.49933	0.03172	4.33467	5.35233
13HR										
	-0.51991	0.10786	3.13611	0.70382	2.65020	289.66749	-0.44803	0.03316	4.43427	5.39737
	-0.51646	0.08694	3.67727	0.65522	2.37837	297.87917	-0.57653	0.03339	4.53127	5.44500
	-0.35420	0.07533	3.52536	0.75603	2.19633	303.39966	-0.31943	0.06087	4.67400	5.48960
	-0.39137	0.06867	3.32230	0.71124	2.06730	307.73801	-0.35829	0.05732	4.81400	5.53733
	-0.47706	0.07994	2.97535	0.63706	2.67237	301.63327	-0.36373	0.03743	4.99807	5.57567
	-0.41281	0.07712	2.44680	0.64333	3.12133	305.99805	-0.32493	0.05936	4.71020	5.62160
14HR										
	-0.44354	0.07504	3.21523	0.71676	3.00333	306.44600	-0.33762	0.03166	4.73740	5.66597
	-0.53193	0.08453	3.45613	0.70799	2.73867	310.32338	-0.39063	0.03938	4.77533	5.70320
	-0.38507	0.07203	2.99547	0.71604	2.80665	312.73589	-0.30820	0.04932	4.79620	5.74313
	-0.52195	0.04443	3.07352	0.63840	2.91947	309.98145	-0.21644	0.04150	4.77207	5.73120
	-0.36593	0.07342	2.60705	0.74071	3.56130	307.17671	-0.34186	0.03162	4.75107	5.81113
	-0.37244	0.04164	2.72609	0.72411	3.41320	314.69751	-0.25448	0.02996	4.67733	5.84520
15HR										
	-0.43539	0.05509	3.73705	0.68247	3.50320	312.00903	-0.29132	0.03764	4.59060	5.87333
	-0.50336	0.03982	3.23416	0.73342	3.10327	303.39009	-0.34491	0.03411	4.53727	5.91133
	-0.33732	0.05934	2.92150	0.69101	3.54147	309.85010	-0.34431	0.02632	4.49893	5.92367
	-0.30443	0.05531	2.68797	0.71367	3.95130	320.67065	-0.35967	0.03564	4.45733	5.94727
	-0.39295	0.05751	2.71601	0.63904	2.52130	311.36612	-0.27936	0.02469	4.40937	5.96373
	-0.34236	0.04333	2.17295	0.69032	3.20330	300.35635	-0.32413	0.02933	4.37230	5.93340

2-24

	UW2	WT5	U16	W16	T16	D16	Ux16	ATT6	ST2	ST10
16HR	-0.39640	0.05447	3.15153	0.65750	1.92920	297.29517	-0.27957	0.03759	4.35373	9.00133
	-0.29910	0.03907	2.53973	0.66775	2.01367	302.98486	-0.42281	0.03549	4.27300	9.01647
	-0.42460	0.03062	2.49933	0.68571	1.89737	306.69458	-0.30105	0.05214	4.18393	9.02730
	-0.31050	0.02690	2.17333	0.67351	1.66030	302.63166	-0.31163	0.02366	4.13460	9.03333
	-0.41957	0.03100	2.51356	0.69132	1.6627	297.97166	-0.31966	0.02234	4.01553	9.04133
	-0.33450	0.01179	2.59959	0.65133	1.10137	297.76831	-0.34731	0.02150	3.92453	9.04600
17HR	-0.29667	0.01592	2.15732	0.64612	0.90230	299.56590	-0.35741	0.01485	3.82773	9.05060
	-0.41698	0.00803	2.17718	0.61346	0.60167	299.78174	-0.39666	0.01034	3.71727	9.05133
	-0.31633	0.00103	1.48223	0.63010	0.42860	294.18286	-0.43783	0.00252	3.61127	9.05367
	-0.19145	-0.00104	2.01663	0.55479	0.07333	287.45703	-0.29629	-0.00114	3.50937	9.05113
	-0.25250	0.00060	1.93757	0.57596	-0.04247	283.94092	-0.44702	-0.00278	3.46800	9.04440
	-0.46400	-0.00218	1.87476	0.55471	-0.31340	282.71240	-0.41120	-0.00148	3.30147	9.03820
18HR	-0.34863	-0.02361	1.93300	0.55327	-0.51130	285.31323	-0.45553	0.00045	3.20180	9.02613
	-0.35670	-0.00564	1.88600	0.58207	-0.52330	277.25464	-0.42970	0.00033	3.11100	9.01773
	-0.44673	0.00061	2.37293	0.57327	-0.61533	275.10205	-0.33699	0.00054	3.01907	9.00613
	-0.36237	0.00523	2.23733	0.59333	-0.67330	283.18677	-0.40673	0.00442	2.93313	9.99220
	-0.39699	0.00539	1.73937	0.52876	-0.55327	290.81055	-0.33973	0.00322	2.84967	9.97453
	-0.37924	0.01166	2.04270	0.55301	-0.64333	292.15601	-0.17366	0.00187	2.77440	9.95780

2-23

13HR

TA16	I	FN	G2					
5.13653	-0.09517	-0.55633	-0.37750	0.0	0.0	0.0	0.0	0.0
4.82613	-0.07209	-0.37433	-0.45467	0.0	0.0	0.0	0.0	0.0
4.13013	-0.13583	-0.49333	-0.49000	0.0	0.0	0.0	0.0	0.0
3.81773	-0.10933	-0.41400	-0.33333	0.0	0.0	0.0	0.0	0.0
2.85557	-0.11050	-0.17333	-0.37333	0.0	0.0	0.0	0.0	0.0
1.82373	-0.04730	-0.23117	-0.60267	0.0	0.0	0.0	0.0	0.0

19HR

1.62527	-0.01333	-0.26200	-0.62733	0.0	0.0	0.0	0.0	0.0
1.27353	-0.11967	-0.13267	-0.67167	0.0	0.0	0.0	0.0	0.0
1.03667	-0.02867	-0.96567	-0.69250	0.0	0.0	0.0	0.0	0.0
0.13340	-0.09467	-3.92217	-0.69933	0.0	0.0	0.0	0.0	0.0
0.70007	-0.04433	-2.63350	-0.69933	0.0	0.0	0.0	0.0	0.0
0.87633	0.09250	-2.13333	-0.70017	0.0	0.0	0.0	0.0	0.0

20HR

1.43647	-0.04950	-1.62933	-0.69967	0.0	0.0	0.0	0.0	0.0
1.67400	0.00917	-1.69033	-0.69950	0.0	0.0	0.0	0.0	0.0
1.71437	0.05583	-1.92700	-0.69233	0.0	0.0	0.0	0.0	0.0
1.39740	-0.02383	-2.75333	-0.66750	0.0	0.0	0.0	0.0	0.0
1.59007	-0.03967	-4.21333	-0.64750	0.0	0.0	0.0	0.0	0.0
1.13113	-0.12400	-4.37317	-0.65633	0.0	0.0	0.0	0.0	0.0

21HR

0.74033	-0.04600	-4.61017	-0.63933	0.0	0.0	0.0	0.0	0.0
0.63527	-0.10600	-4.39733	-0.64950	0.0	0.0	0.0	0.0	0.0
0.73540	-0.02617	-3.73723	-0.66917	0.0	0.0	0.0	0.0	0.0
0.34760	0.02150	-2.63563	-0.63333	0.0	0.0	0.0	0.0	0.0
0.50627	-0.03350	-3.35650	-0.63800	0.0	0.0	0.0	0.0	0.0
0.54773	0.03033	-4.36317	-0.63017	0.0	0.0	0.0	0.0	0.0

22HR

0.42993	0.01933	-3.95133	-0.67900	0.0	0.0	0.0	0.0	0.0
0.37930	0.04467	-2.35333	-0.63050	0.0	0.0	0.0	0.0	0.0
0.10433	0.05367	-2.69700	-0.63317	0.0	0.0	0.0	0.0	0.0
0.35340	0.13053	-3.29733	-0.67333	0.0	0.0	0.0	0.0	0.0
0.35033	-0.02467	-3.43367	-0.65050	0.0	0.0	0.0	0.0	0.0
0.59240	0.01300	-2.65600	-0.63650	0.0	0.0	0.0	0.0	0.0

23HR

0.43353	0.07267	-2.96450	-0.62917	0.0	0.0	0.0	0.0	0.0
0.70133	0.07050	-2.25057	-0.61333	0.0	0.0	0.0	0.0	0.0
0.49727	0.14400	-1.95933	-0.61733	0.0	0.0	0.0	0.0	0.0
1.19360	-0.14017	-1.97933	-0.69500	0.0	0.0	0.0	0.0	0.0
1.81337	0.02733	-1.42117	-0.63117	0.0	0.0	0.0	0.0	0.0
2.93147	0.07500	-2.12067	-0.60333	0.0	0.0	0.0	0.0	0.0

2-24

	TA16	I	RN	GE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0HR	4.13740	0.09600	-4.27933	-0.59933	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4.46820	0.08417	-2.90350	-0.59933	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4.46433	-0.09133	-2.81833	-0.59917	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4.32167	-0.05367	-4.39233	-0.59737	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.86917	-0.06333	-0.81717	-0.59793	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.83567	-0.02533	-5.02533	-0.59517	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1HR	3.63313	-0.19300	-7.14800	-0.57330	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.41413	-0.12600	-7.75697	-0.56533	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.23940	-0.11167	-7.90950	-0.53400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.02873	-0.00867	-7.77483	-0.59517	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.12440	-0.08100	-7.93033	-0.59887	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.10133	-0.16967	-7.88533	-0.59917	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2HR	2.68637	-0.05967	-7.92767	-0.59933	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.83327	0.09800	-7.93217	-0.59930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.84287	-0.03567	-7.82567	-0.60017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.67373	-0.07550	-7.80200	-0.59917	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.74207	0.06133	-7.92117	-0.59917	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.65567	0.02750	-7.78067	-0.59967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3HR	2.77400	-0.08233	-7.92863	-0.59917	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.45980	-0.05750	-6.77517	-0.59950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.29940	0.00233	-6.98867	-0.59900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.23755	-0.03633	-7.77683	-0.59733	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.14880	-0.13833	-8.01600	-0.59400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.01427	-0.09233	-7.89317	-0.58433	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4HR	1.85947	0.04667	-9.97200	-0.59333	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.65257	-0.06100	-6.73867	-0.59367	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.65253	-0.09633	-8.01983	-0.59067	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.44420	0.01300	-3.17417	-0.59267	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.30757	-0.13063	-6.30383	-0.58717	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.45380	-0.06317	-6.27567	-0.58957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5HR	1.70120	-0.01667	-3.89467	-0.58753	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.53153	0.00850	-8.26600	-0.58617	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.79707	-0.06300	-9.09117	-0.58333	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.11323	-0.04667	-7.74600	-0.58497	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.99720	0.00817	-7.83200	-0.58600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.59173	-0.14700	-7.32250	-0.587317	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6HR	0.34840	0.09950	-7.87117	-0.58550	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.71540	0.31417	-7.62050	-0.58600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.60993	0.36833	-6.59133	-0.59133	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.51873	1.49117	-5.97017	-0.59400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.75920	3.65733	-5.83117	-0.59130	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.11113	5.12833	-5.82700	-0.59017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7HR	1.80583	8.26033	-8.93900	-0.58717	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.44283	10.95917	-8.58533	-0.58500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.32487	13.19917	-8.06850	-0.58317	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.75160	15.55850	1.23367	-0.58633	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.16513	18.13633	5.06367	-0.58233	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.22340	20.55899	4.88867	-0.58333	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	TA16	I	FN	GZ	FN	GZ	FN	GZ	FN	GZ
3HR	5.33930	23.12650	9.37333	-0.33152	9.37333	-0.33152	9.37333	-0.33152	9.37333	-0.33152
	3.46567	25.66166	6.97117	-0.41950	6.97117	-0.41950	6.97117	-0.41950	6.97117	-0.41950
	3.69333	26.11417	10.53333	-0.31333	10.53333	-0.31333	10.53333	-0.31333	10.53333	-0.31333
	3.72737	30.35032	12.49737	-0.40737	12.49737	-0.40737	12.49737	-0.40737	12.49737	-0.40737
	4.03307	35.49917	14.05117	-0.36117	14.05117	-0.36117	14.05117	-0.36117	14.05117	-0.36117
	4.03337	35.70494	15.70333	-0.36333	15.70333	-0.36333	15.70333	-0.36333	15.70333	-0.36333
9HR										
	4.32193	37.49147	17.39156	-0.43933	17.39156	-0.43933	17.39156	-0.43933	17.39156	-0.43933
	4.27293	39.63716	18.58800	-0.49967	18.58800	-0.49967	18.58800	-0.49967	18.58800	-0.49967
	4.70973	41.69449	20.16299	-0.48783	20.16299	-0.48783	20.16299	-0.48783	20.16299	-0.48783
	4.63240	43.43715	21.73650	-0.43767	21.73650	-0.43767	21.73650	-0.43767	21.73650	-0.43767
	4.87260	45.61800	23.03633	-0.43700	23.03633	-0.43700	23.03633	-0.43700	23.03633	-0.43700
	5.06220	47.35533	24.10117	-0.39967	24.10117	-0.39967	24.10117	-0.39967	24.10117	-0.39967
10HR										
	5.13267	48.34200	25.20766	-0.33333	25.20766	-0.33333	25.20766	-0.33333	25.20766	-0.33333
	5.13267	50.08281	26.32365	-0.33917	26.32365	-0.33917	26.32365	-0.33917	26.32365	-0.33917
	5.33273	51.02399	27.00333	-0.36317	27.00333	-0.36317	27.00333	-0.36317	27.00333	-0.36317
	5.73733	52.59166	28.25116	-0.40467	28.25116	-0.40467	28.25116	-0.40467	28.25116	-0.40467
	5.93567	54.18317	29.25150	-0.25333	29.25150	-0.25333	29.25150	-0.25333	29.25150	-0.25333
	6.03407	54.532466	29.56717	-0.40333	29.56717	-0.40333	29.56717	-0.40333	29.56717	-0.40333
11HR										
	6.36687	55.79134	30.55965	-0.33467	30.55965	-0.33467	30.55965	-0.33467	30.55965	-0.33467
	6.93760	55.97432	30.50349	-0.22667	30.50349	-0.22667	30.50349	-0.22667	30.50349	-0.22667
	6.93220	56.35599	31.10033	-0.36650	31.10033	-0.36650	31.10033	-0.36650	31.10033	-0.36650
	7.11420	57.15634	31.87932	-0.37133	31.87932	-0.37133	31.87932	-0.37133	31.87932	-0.37133
	7.17407	57.30615	32.06399	-0.33733	32.06399	-0.33733	32.06399	-0.33733	32.06399	-0.33733
	7.37213	56.83751	31.23333	-1.11217	31.23333	-1.11217	31.23333	-1.11217	31.23333	-1.11217
12HR										
	7.01740	52.35578	26.31616	-1.13133	26.31616	-1.13133	26.31616	-1.13133	26.31616	-1.13133
	6.86073	46.35567	24.32150	-1.26117	24.32150	-1.26117	24.32150	-1.26117	24.32150	-1.26117
	7.38360	61.75299	35.31216	-1.67767	35.31216	-1.67767	35.31216	-1.67767	35.31216	-1.67767
	7.69120	52.82134	30.72349	-1.83400	30.72349	-1.83400	30.72349	-1.83400	30.72349	-1.83400
	7.03033	55.37667	32.16150	-1.50317	32.16150	-1.50317	32.16150	-1.50317	32.16150	-1.50317
	7.93673	56.20396	30.30399	-1.37730	30.30399	-1.37730	30.30399	-1.37730	30.30399	-1.37730
13HR										
	7.60733	43.03399	25.11600	-1.40333	25.11600	-1.40333	25.11600	-1.40333	25.11600	-1.40333
	7.34993	51.33900	27.69349	-1.33333	27.69349	-1.33333	27.69349	-1.33333	27.69349	-1.33333
	7.64333	33.10293	19.31333	-1.33733	19.31333	-1.33733	19.31333	-1.33733	19.31333	-1.33733
	7.84420	43.13249	25.71337	-1.31250	25.71337	-1.31250	25.71337	-1.31250	25.71337	-1.31250
	7.30847	39.32232	19.17067	-1.39967	19.17067	-1.39967	19.17067	-1.39967	19.17067	-1.39967
	7.33547	47.154233	24.69662	-1.12000	24.69662	-1.12000	24.69662	-1.12000	24.69662	-1.12000
14HR										
	7.66573	44.335799	24.09333	-1.39900	24.09333	-1.39900	24.09333	-1.39900	24.09333	-1.39900
	7.63720	45.00249	23.73400	-1.03317	23.73400	-1.03317	23.73400	-1.03317	23.73400	-1.03317
	7.31427	24.65067	8.41633	-1.35300	8.41633	-1.35300	8.41633	-1.35300	8.41633	-1.35300
	7.63360	38.16150	13.34033	-0.37133	13.34033	-0.37133	13.34033	-0.37133	13.34033	-0.37133
	6.94713	13.29300	0.59333	-0.39133	0.59333	-0.39133	0.59333	-0.39133	0.59333	-0.39133
	7.03173	25.36561	11.64934	-0.33333	11.64934	-0.33333	11.64934	-0.33333	11.64934	-0.33333
15HR										
	7.13933	23.77733	7.34133	-0.35333	7.34133	-0.35333	7.34133	-0.35333	7.34133	-0.35333
	7.17833	29.35049	11.31333	-0.35333	11.31333	-0.35333	11.31333	-0.35333	11.31333	-0.35333
	7.33313	27.62249	9.73317	-0.36717	9.73317	-0.36717	9.73317	-0.36717	9.73317	-0.36717
	7.33320	25.26900	7.33333	-0.35333	7.33333	-0.35333	7.33333	-0.35333	7.33333	-0.35333
	7.33333	42.33116	5.74330	-0.35317	5.74330	-0.35317	5.74330	-0.35317	5.74330	-0.35317
	7.33333	19.66316	3.57333	-0.33150	3.57333	-0.33150	3.57333	-0.33150	3.57333	-0.33150

2-24

	TAT16	I	RN	SZ															
16HR	7.00333	17.06434	1.42333	3.20433	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5.72667	14.43034	-0.32463	3.12133	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	6.60433	11.93850	-2.13117	0.05833	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	6.39667	9.53250	-3.74713	3.00117	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5.39667	7.57867	-5.44733	-0.01333	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.77237	5.43033	-6.79433	-0.09333	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17HR	5.23960	3.23700	-7.53033	-0.18133	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4.92733	1.21367	-8.06050	-0.25500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4.38907	0.96550	-8.26730	-0.32100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4.07960	0.20783	-8.55733	-0.39350	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.94127	-0.06717	-8.68817	-0.45133	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.65307	-0.08500	-8.67317	-0.50133	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16HR	3.49707	-0.01333	-8.56867	-0.53317	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.40333	-0.02017	-8.53833	-0.58230	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.42730	-0.09450	-8.72183	-0.59917	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.39947	-0.08400	-8.59017	-0.60017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.24130	-0.09787	-8.58217	-0.60117	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.32347	-0.09100	-8.65067	-0.60350	0.0	0.0	0.0	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) 昭和60年2月23～24日(30分間平均値)

	US	W5	T5	D5	UW5	WT5	U2	W2	T2	D2
2-23										
18HR	0.42254 0.27414	0.16862 0.17482	0.48660 -2.41942	213.28432 206.96779	0.00753 0.01996	-0.00325 -0.00421	0.54132 0.21162	0.25366 0.25239	3.41562 1.03644	222.00342 156.09360
19HR	0.26139 0.29573	0.17359 0.17419	-3.42723 -5.66024	130.44932 193.13394	0.01413 0.00970	0.00013 0.00093	0.24122 0.17132	0.24021 0.24311	-0.21373 -0.50227	300.22910 421.93652
20HR	0.31676 0.35762	0.17570 0.17733	-2.65453 -2.75596	135.47694 169.69109	0.00797 0.00950	0.00009 0.00036	0.24934 0.31584	0.25020 0.25729	0.22640 0.21218	309.447681 214.01692
21HR	0.33957 0.32903	0.17523 0.17437	-4.56022 -4.43842	203.85408 197.65753	0.00919 0.01216	0.00110 0.00234	0.29841 0.32921	0.25141 0.24799	-1.05053 -1.36439	244.67235 241.09642
22HR	0.35551 0.41641	0.17495 0.17694	-4.58735 -4.24609	174.53931 210.39711	0.00383 0.00993	0.00209 0.00051	0.35114 0.39533	0.24648 0.25642	-1.68129 -1.37115	321.65381 228.26390
23HR	0.56991 0.55857	0.17639 0.16404	-3.69531 -1.71920	213.23962 243.84508	0.00543 0.00140	-0.00054 -0.00015	0.60283 0.67379	0.26147 0.23644	-1.22249 -0.19953	250.61972 261.45117

	US	WS	T5	DS	UMS	WT5	U2	W2	T2	D2
0HR	1.44844	0.19376	1.07651	305.66966	-0.11926	-0.01630	1.80523	0.25373	2.12234	310.17929
	1.28732	0.13132	0.70213	299.44415	-0.06139	-0.01866	1.54344	0.22232	1.37354	302.39956
1HR	1.36951	0.19460	0.03640	315.33371	-0.07827	-0.02191	1.56779	0.27544	1.31392	315.33224
	1.45394	0.13746	-0.21631	311.29126	-0.03223	-0.02533	1.72943	0.25917	0.93013	315.23347
2HR	1.37057	0.13425	-0.50253	317.11816	-0.02213	-0.02174	1.64917	0.25354	0.77300	318.62524
	1.79020	0.21069	-0.51740	313.73833	-0.12740	-0.02249	2.13732	0.31216	0.57658	320.45066
3HR	2.15315	0.18422	-0.49309	298.87695	-0.12041	-0.01747	2.45319	0.29101	0.33756	300.41382
	1.89565	0.18177	-0.94271	294.44141	-0.09450	-0.02173	2.20056	0.26156	-0.05153	296.23779
4HR	1.87092	0.19518	-1.14973	280.11792	-0.14841	-0.01960	2.31989	0.30542	-0.33224	285.93677
	1.59300	0.18676	-1.79156	284.61035	-0.12427	-0.02586	1.85482	0.25034	-0.77024	286.97656
5HR	1.21560	0.18031	-2.41239	277.33721	-0.10803	-0.02687	1.33767	0.25950	-1.14729	282.57764
	0.75121	0.13211	-3.15433	243.77995	-0.01132	-0.01972	0.92598	0.25238	-1.53404	259.93237
6HR	0.65735	0.18635	-3.63032	256.95374	0.00323	-0.01490	0.33562	0.25535	-1.92169	267.55933
	0.84454	0.18502	-3.44555	293.97803	-0.00516	-0.00860	0.75522	0.27442	-1.81160	319.66504
7HR	0.79290	0.17946	-2.06375	290.45532	-0.04661	-0.00223	0.86216	0.23297	-0.83402	294.31336
	1.32352	0.13324	-0.58627	296.53027	-0.03962	0.01195	1.63656	0.29101	0.21236	300.95325
8HR	2.30738	0.20496	0.39733	287.72369	-0.15337	0.02372	2.98555	0.32230	0.63618	289.40234
	2.42138	0.23366	1.04600	284.03374	-0.12363	0.03653	2.35961	0.26610	1.35653	285.72974
9HR	2.42639	0.21661	1.62071	294.73730	-0.22335	0.04511	2.92522	0.25527	1.79538	295.33879
	2.74969	0.22057	2.16135	290.95972	-0.22631	0.05909	3.26655	0.26349	2.13815	292.37744
10HR	2.64991	0.23700	2.90159	280.37617	-0.17737	0.06684	2.83614	0.27986	2.93424	282.56079
	2.32350	0.23954	3.23773	300.11304	-0.16650	0.07346	3.01726	0.25279	3.22764	293.75000
11HR	2.53310	0.19435	4.08224	295.93642	-0.17526	0.08790	3.02285	0.32993	4.03771	296.14600
	2.80631	0.25274	4.55900	303.75634	-0.16339	0.08446	3.25320	0.23954	4.24871	302.90234
12HR	2.36681	0.21281	4.37140	312.65601	-0.15924	0.08692	3.52666	0.31112	4.33560	313.29077
	2.54625	0.19207	5.13900	289.61152	-0.24634	0.07135	2.85965	0.28236	5.05013	289.24329
13HR	2.88753	0.22731	4.63113	303.36351	-0.22220	0.08157	3.25330	0.31233	4.53334	300.85249
	2.63031	0.20772	4.62149	311.19631	-0.17932	0.07105	2.77977	0.25113	4.72358	311.36072
14HR	2.05323	0.20700	4.66642	314.82007	-0.19033	0.07761	3.04909	0.23981	4.85113	314.36523
	2.37370	0.25184	4.13162	313.51196	-0.14335	0.06652	3.06374	0.33317	4.49349	313.50468
15HR	2.26555	0.20256	4.09217	313.43851	-0.19673	0.04447	2.66310	0.29712	4.60353	313.96118
	2.30237	0.22937	3.96569	312.84920	-0.21157	0.03611	2.66775	0.30119	4.52311	312.36675
16HR	2.05723	0.19359	3.40173	304.83374	-0.15647	0.01430	2.44664	0.23337	4.12486	306.31396
	1.82555	0.21817	2.86342	306.94946	-0.11531	-0.00349	2.19259	0.24597	3.56164	307.41211
17HR	1.66573	0.20263	1.54967	307.06636	-0.16202	-0.02337	1.79597	0.26933	2.75969	307.62153
	1.17602	0.19460	0.74462	267.75659	-0.02774	-0.02290	1.55159	0.30344	2.05075	295.02417
18HR	1.30923	0.17613	0.35742	285.06763	-0.06537	-0.02556	1.56614	0.20729	1.73758	288.99609
	1.63374	0.21055	0.31811	297.05444	-0.08839	-0.02302	1.97626	0.24351	1.43173	299.31152

2-23	UM2	MT5	U16	x16	T16	D16	JW16	WT16	ST2	ST10
18HR	0.00915 0.00287	-0.00545 0.00149	0.79332 0.27099	0.53739 0.51297	1.30075 -1.33510	237.64641 177.45607	-0.01171 -0.00306	-0.00179 -0.00014	5.31404 4.91200	6.33962 6.30105
19HR	0.01127 0.00932	0.00030 0.00024	0.27185 0.26955	0.51111 0.50733	-1.33364 -1.35327	310.26091 243.70499	0.00919 0.00397	-0.00139 -0.00136	+3.3746 +3.3030	6.34077 6.17431
20HR	0.01222 0.01492	-0.00031 0.00018	0.25374 0.37159	0.50704 0.52605	-1.35471 -1.37213	269.29443 254.25313	0.00493 0.02416	-0.00020 -0.00245	4.10937 4.05711	6.09053 6.00226
21HR	0.01206 0.01806	0.00161 0.00037	0.45576 0.41931	0.52667 0.53190	-1.33133 -1.51660	235.42642 228.69384	0.01173 0.02355	-0.00171 -0.00035	3.15684 1.34622	5.91735 5.84640
22HR	0.01904 0.01722	0.00044 0.00046	0.36809 0.40354	0.52604 0.54253	-1.79447 -1.70545	311.79517 241.12793	0.00536 0.00992	-0.00075 -0.00157	1.67351 1.62033	5.76744 5.63717
23HR	0.03722 -0.02923	-0.00038 -0.00275	0.72091 0.78476	0.54436 0.51194	-1.59293 -1.52324	237.43494 237.47095	0.06135 -0.05096	0.00035 -0.00406	1.55207 1.52344	5.60337 5.52780

2-24

	UW2	WT5	U16	M15	T15	D16	UK15	WT16	ST2	ST10
0HR	-0.34432	0.00498	1.72357	0.63169	0.18996	300.57786	-0.21229	0.00193	1.55073	5.44577
1HR	-0.23515	0.00592	1.61365	0.39540	-0.21436	292.22821	-0.03227	0.00544	1.55920	5.39055
2HR	-0.30737	0.00191	1.51669	0.62603	-0.60934	302.60600	-0.22107	-0.00182	1.49875	5.35193
3HR	-0.31523	0.00095	1.60066	0.61533	-0.70554	308.00757	-0.13331	-0.00377	1.33393	5.27357
4HR	-0.36466	0.00370	1.53377	0.60778	-1.16947	313.49463	-0.16967	-0.00442	1.30900	5.22775
5HR	-0.38690	0.01284	2.14193	0.63695	-1.43033	314.72412	-0.22235	0.00076	1.21929	5.17286
6HR	-0.31984	0.01433	2.56106	0.65141	-1.70534	292.66233	-0.31069	0.01070	1.15598	5.11782
7HR	-0.39348	0.01147	2.56019	0.59065	-2.15320	289.35205	-0.39284	0.01027	1.10676	5.06211
8HR	-0.47251	0.01350	2.73644	0.39042	-2.42840	283.43506	-0.45470	0.01267	1.04713	5.00418
9HR	-0.42158	0.00808	2.42674	0.36022	-2.66137	281.52568	-0.47739	0.01045	0.97716	4.94615
10HR	-0.45539	0.00630	1.78763	0.32503	-3.20653	278.80005	-0.36711	0.00266	0.89602	4.88689
11HR	-0.07979	-0.00707	1.16246	0.34735	-3.54227	261.82739	-0.11501	-0.01003	0.79716	4.84560
12HR	-0.05591	-0.00643	1.13205	0.35249	-3.95102	265.91504	-0.03159	-0.01158	0.80013	4.79002
13HR	-0.04024	-0.00224	0.80499	0.34554	-3.73032	311.37305	-0.05810	-0.00784	0.57513	4.73242
14HR	-0.15760	0.00880	1.06236	0.32013	-2.84132	285.64331	-0.13350	0.00495	0.55502	4.67289
15HR	-0.36019	0.03188	2.14830	0.61756	-1.64437	288.48666	-0.37341	0.02665	0.69900	4.60676
16HR	-0.45666	0.04623	2.90936	0.64252	-1.26844	235.33571	-0.46693	0.04098	0.96160	4.56487
17HR	-0.30934	0.06042	3.45498	0.83903	-0.94739	265.32642	-0.44569	0.04736	1.24737	4.53829
18HR	-0.33525	0.05607	3.42655	0.66713	-0.40602	237.35131	-0.39114	0.05433	1.55473	4.54700
19HR	-0.46567	0.07130	3.50421	0.84092	0.00439	239.58203	-0.42523	0.05954	1.88138	4.58951
20HR	-0.47706	0.07958	3.53200	0.64462	0.56135	279.70654	-0.46118	0.05126	2.25242	4.66075
21HR	-0.47573	0.08154	3.21322	0.64160	1.14437	291.51440	-0.44167	0.07311	2.69667	4.76493
22HR	-0.43323	0.09677	3.39896	0.85960	1.79650	293.40771	-0.44874	0.07366	3.14767	4.86135
23HR	-0.44053	0.03927	3.35760	0.72652	2.27676	297.85694	-0.39857	0.07322	3.38034	5.01736
24HR	-0.33102	0.08242	3.09449	0.65776	2.41047	309.23027	-0.26252	0.06856	3.33842	5.15631
25HR	-0.44563	0.08606	3.37493	0.66931	2.33357	285.79772	-0.49163	0.07761	4.29640	5.23995
26HR	-0.46649	0.09038	3.44712	0.71303	3.40633	296.53193	-0.31463	0.07357	4.63924	5.44413
27HR	-0.42725	0.07524	2.91562	0.83056	2.32073	305.10303	-0.35369	0.06347	5.70095	5.57769
28HR	-0.45351	0.07721	3.08694	0.73429	2.56620	309.91992	-0.35215	0.05896	4.76964	5.70566
29HR	-0.35344	0.05316	2.60274	0.70121	2.57249	310.61914	-0.27107	0.04073	4.73349	5.81251
30HR	-0.49373	0.06498	2.84952	0.70135	2.43364	309.13232	-0.32804	0.04142	4.54226	5.89457
31HR	-0.44665	0.05478	2.79298	0.69935	2.46327	310.93237	-0.32076	0.04212	4.41333	5.96646
32HR	-0.37403	0.04139	2.73040	0.67015	1.96776	302.32471	-0.33448	0.03440	4.26522	6.01519
33HR	-0.39681	0.02336	2.42810	0.66226	1.47344	299.46387	-0.32637	0.02353	4.01495	6.04128
34HR	-0.34400	0.00833	1.93691	0.62989	0.64435	297.83567	-0.39731	0.00940	3.71875	6.05136
35HR	-0.30265	-0.00088	1.95039	0.55647	-0.09313	284.70337	-0.33484	-0.00130	3.40644	6.04474
36HR	-0.37869	-0.00955	2.06496	0.57121	-0.55013	279.22314	-0.42403	0.00346	3.11062	6.01733
37HR	-0.37954	0.00742	2.00647	0.62493	-0.65153	288.71777	-0.35840	0.00319	2.85240	5.97434

2-23

	TA16	I	RH	S2						
18HR	4.84486	-3.10190	-9.17487	-3.43839	0.0	0.0	0.0	0.0	0.0	0.0
	2.61158	-0.03544	-5.26453	-0.37761	0.0	0.0	0.0	0.0	0.0	0.0
19HR	1.54932	-0.05403	-3.13011	-0.33323	0.0	0.0	0.0	0.0	0.0	0.0
	0.53627	-0.01550	-2.07617	-0.32073	0.0	0.0	0.0	0.0	0.0	0.0
20HR	1.60911	0.00517	-1.74839	-0.69717	0.0	0.0	0.0	0.0	0.0	0.0
	1.52953	-0.06250	-3.78144	-0.65044	0.0	0.0	0.0	0.0	0.0	0.0
21HR	0.74300	-0.06006	-4.48644	-0.65233	0.0	0.0	0.0	0.0	0.0	0.0
	0.46737	0.00544	-3.69417	-0.63467	0.0	0.0	0.0	0.0	0.0	0.0
22HR	0.30449	0.03922	-3.06922	-0.63039	0.0	0.0	0.0	0.0	0.0	0.0
	0.50044	0.03951	-3.16633	-0.65317	0.0	0.0	0.0	0.0	0.0	0.0
23HR	0.63911	0.09572	-2.39167	-0.62194	0.0	0.0	0.0	0.0	0.0	0.0
	1.93131	-0.01161	-1.64056	-0.62217	0.0	0.0	0.0	0.0	0.0	0.0

	TA16	I	RN	G2								
0HR	4.41937	0.02294	-3.13355	-0.59961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1HR	4.61513	-0.04361	-5.77850	-0.53094	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2HR	3.90555	-0.14422	-7.60472	-0.53273	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5.10447	-0.13373	-7.65567	-0.59767	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3HR	2.65435	0.00736	-7.89517	-0.59967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.76049	0.00444	-7.53461	-0.59933	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4HR	2.35473	-0.04583	-7.23089	-0.59922	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.13355	-0.08717	-7.39600	-0.59539	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5HR	1.82639	-0.03689	-7.24350	-0.59273	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.60255	-0.06233	-6.25389	-0.53985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6HR	1.47660	-0.02372	-6.21126	-0.53044	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.99075	-0.06183	-7.55350	-0.53294	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7HR	0.35791	0.42733	-7.28106	-0.538761	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.79602	3.82411	-5.61611	-0.59139	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8HR	1.36778	10.70622	-2.25094	-0.556411	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.04571	18.08409	3.06600	-0.55611	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9HR	3.50653	23.61560	3.69616	-0.52217	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4.14666	32.62309	14.05335	-0.50323	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10HR	4.43466	39.55769	19.61421	-0.44911	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4.86240	45.51546	22.95799	-0.44144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11HR	5.39935	43.81695	26.17666	-0.61022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5.92569	53.80150	29.02456	0.22969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12HR	6.74255	56.20755	30.72151	0.72394	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7.22213	57.45634	31.72641	1.05726	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13HR	7.13297	53.55621	29.46326	1.26356	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7.61275	55.49231	31.23099	1.32205	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14HR	7.33693	43.36064	25.83366	1.09664	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7.36071	43.55587	25.19360	1.21406	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15HR	7.35573	33.57036	18.76536	1.07500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7.23755	26.77344	10.12967	0.86222	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16HR	7.23262	26.99026	9.60500	0.55722	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7.23651	22.53943	5.69511	0.31539	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17HR	6.60037	14.50104	-0.34072	0.12750	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	6.08956	7.44717	-5.32289	-0.403860	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18HR	4.83206	1.67206	-7.95944	-0.25261	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.64198	0.01656	-3.63971	-0.44939	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.64320	-0.04267	-3.60977	-0.57144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.32324	-0.09039	-3.64099	-0.60228	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(3) 昭和60年2月25～26日(10分間平均値)

	U5	X5	T5	DE	U45	WT5	U2	X2	T2	B2
2-25										
20HR	0.93745	0.17708	-1.29807	93.61930	-0.02601	-0.00663	1.20907	0.23255	1.99527	445.19342
	0.95177	0.18075	-1.02660	75.51639	-0.02641	-0.01066	1.49373	0.23161	1.73720	455.95690
	0.71747	0.19350	-0.79607	85.53997	-0.02693	-0.00365	0.92635	0.23035	1.97513	472.30347
	1.08447	0.17777	-1.25273	103.53117	-0.02742	-0.00593	1.23073	0.23439	1.55353	473.51323
	0.99293	0.17199	-1.27313	59.98004	-0.02747	-0.01634	1.19637	0.23353	1.59756	444.51693
	0.65783	0.17123	-1.03113	33.60301	-0.02839	-0.01471	0.93643	0.23172	1.45650	437.52391
21HR										
	0.42493	0.17322	-1.15620	93.59729	0.00933	-0.00766	0.66637	0.25674	1.45420	441.41309
	0.41873	0.16947	-1.68127	123.64930	0.01580	-0.00326	0.35630	0.25533	1.33730	447.23950
	0.36690	0.18033	-3.23793	216.72032	0.02667	0.00006	0.24330	0.24717	0.91173	482.19019
	0.34980	0.17725	-4.19213	227.05009	0.07243	-0.00100	0.39637	0.23292	-0.11653	288.41846
	0.32645	0.17382	-4.51280	213.20713	0.02495	-0.00223	0.24627	0.24053	-0.20560	381.09863
	0.34012	0.18171	-4.04040	226.63521	0.01413	0.00030	0.27137	0.23019	-0.06860	443.23633
22HR										
	0.31413	0.17988	-3.91453	210.96609	0.01331	-0.00227	0.35960	0.24295	-0.20667	281.01439
	0.34733	0.17778	-4.17650	193.67332	0.01191	-0.00166	0.32635	0.25133	0.06737	413.00977
	0.24210	0.17705	-3.54020	159.23160	0.02395	0.00244	0.52423	0.26776	0.66140	437.71239
	0.31395	0.17446	-1.50373	140.10390	0.01901	-0.00213	0.50373	0.23052	1.39947	451.61830
	0.35343	0.16360	-0.85753	112.78439	0.02350	-0.00104	0.71483	0.24710	1.64093	459.15913
	0.67570	0.17338	-0.76327	101.29050	-0.00716	-0.00304	0.76570	0.26931	1.55073	454.06737
23HR										
	0.65690	0.17204	-1.30940	106.06499	-0.00234	-0.00227	0.84761	0.25283	1.41473	459.58667
	0.53335	0.17631	-1.45940	107.63359	0.00113	-0.00409	0.71520	0.26126	1.13660	458.36313
	0.35942	0.17335	-1.11660	91.63320	-0.00295	-0.00493	0.52053	0.26787	1.06140	442.86475
	0.70990	0.17935	-1.90300	165.26397	-0.00213	-0.00593	0.81533	0.29723	0.46067	363.72949
	0.50195	0.17403	-2.38073	248.20553	0.00934	-0.00778	0.50163	0.26349	-0.39267	251.50580
	0.69450	0.18209	-2.59720	234.50304	0.00435	-0.00161	0.74293	0.25664	-0.07533	251.03194

2-26

	U5	#5	T5	D5	UWS	#T5	U2	#2	T2	D2
3HR	0.42312	0.17235	-1.72940	273.25537	-0.00354	-0.00860	0.91613	0.23904	-0.41300	273.37524
	0.63590	0.16349	-1.76353	255.12917	-0.00399	-0.00425	0.70583	0.25492	-0.11560	257.50659
	0.29993	0.17906	-2.19360	191.42932	0.00504	-0.00209	0.35522	0.25322	-0.22653	197.90350
	0.35745	0.16156	-1.92627	331.35556	-0.00250	-0.00162	0.51353	0.20793	-0.27693	343.35865
	0.41395	0.16979	-1.99740	323.40433	-0.00194	-0.00217	0.38972	0.24613	-0.43937	343.71704
	0.43733	0.17139	-2.25353	252.45133	0.00735	-0.00011	0.25107	0.25107	-0.50660	276.79323
1HR	0.37467	0.17376	-3.37167	223.21507	0.00317	-0.00011	0.34533	0.25258	-1.03373	271.53076
	0.45897	0.18202	-4.11360	234.79911	0.01104	0.00241	0.50775	0.25430	-1.67800	269.99707
	0.25915	0.17307	-4.93487	225.12583	0.00801	0.00801	0.20553	0.23321	-2.15330	207.76500
	0.43915	0.17673	-4.54520	261.56256	0.01315	0.00271	0.47138	0.24300	-2.42687	279.57227
	0.26355	0.16383	-5.74580	174.37491	0.00332	0.00559	0.37417	0.23645	-2.42687	207.10161
	0.46202	0.16853	-5.20767	182.56651	0.00991	0.00297	0.50903	0.24250	-2.74730	146.00606
2HR	0.23713	0.15562	-5.33353	206.69212	0.01395	0.00214	0.40423	0.24602	-2.33907	223.04518
	0.31638	0.17339	-4.09220	203.43477	0.01033	0.00118	0.35833	0.23375	-2.72900	236.75481
	0.22172	0.17420	-4.45173	176.65133	0.00358	0.00078	0.21368	0.23595	-2.79727	208.30408
	0.27323	0.17417	-4.35653	164.17639	0.00748	0.00055	0.23623	0.23054	-2.45593	167.56558
	0.25343	0.17440	-3.65487	164.93031	0.00752	0.00036	0.23905	0.23641	-2.10193	100.15649
	0.28423	0.17794	-3.60150	214.73353	0.00757	0.00041	0.32223	0.24155	-1.94733	317.40552
3HR	0.451320	0.17825	-3.74673	267.42680	0.00465	0.00005	0.52147	0.24112	-1.95207	301.66357
	0.56550	0.17766	-3.65067	210.45050	0.00442	-0.00046	0.62702	0.24406	-2.09007	206.67235
	0.59977	0.17735	-3.67450	246.53149	0.00378	-0.00190	0.59875	0.23210	-2.11040	258.04853
	0.49862	0.17377	-3.66613	243.34392	0.00564	-0.00169	0.47820	0.23129	-2.06533	263.43433
	0.60705	0.17758	-3.76220	230.10750	0.00396	0.00102	0.60600	0.24391	-2.11373	243.53183
	0.52223	0.17310	-3.45327	262.21339	-0.00094	-0.00264	0.54262	0.24757	-2.00573	272.93384
4HR	0.49888	0.17089	-3.49233	257.32490	-0.01112	-0.00413	0.55755	0.22033	-2.03113	268.37793
	0.35137	0.17067	-3.54160	249.33995	0.00137	-0.00327	0.37377	0.23016	-2.05920	268.64795
	0.43893	0.17145	-3.77020	240.64934	0.00393	-0.00164	0.43323	0.23578	-2.14340	267.23540
	0.45747	0.17403	-4.02507	224.07397	0.00323	-0.00061	0.45162	0.23563	-2.25173	246.75917
	0.47303	0.17581	-4.10333	249.23070	0.00300	0.00039	0.53735	0.22763	-2.47460	273.87427
	0.36772	0.17470	-4.14653	252.98816	0.00942	-0.00093	0.33117	0.25300	-2.45833	235.12354
5HR	0.54545	0.17000	-4.11413	241.39378	0.00955	-0.00333	0.61415	0.23953	-2.51320	267.63379
	0.52632	0.17650	-4.09513	233.65234	-0.00006	-0.00528	0.51932	0.23307	-2.02633	258.75146
	0.52537	0.17913	-4.29200	263.37339	-0.00635	-0.00534	0.56000	0.23751	-2.76593	275.67749
	0.44543	0.16610	-4.26227	251.25269	-0.00020	-0.00432	0.51052	0.23544	-2.79213	277.32734
	0.45935	0.17074	-4.44123	279.17479	-0.00072	-0.00171	0.43673	0.25535	-2.85740	297.33545
	0.32316	0.17133	-4.44467	259.29517	0.01129	-0.00197	0.38293	0.24269	-2.86437	284.63477
6HR	0.53648	0.18223	-4.49280	269.89366	0.01251	-0.00310	0.64662	0.23309	-3.96120	305.93535
	0.39490	0.17949	-4.59000	302.36379	0.00117	-0.00292	0.46133	0.22427	-3.07533	313.23047
	0.37123	0.17201	-4.76400	231.42341	0.00641	-0.00234	0.61592	0.22312	-3.15913	273.57202
	0.48608	0.17857	-4.72340	242.09371	0.00703	-0.00092	0.54592	0.23312	-3.15847	260.49683
	0.32478	0.17344	-4.60150	243.76680	0.01214	-0.00138	0.53942	0.23304	-3.04213	276.77356
	0.41737	0.16957	-4.54653	237.64553	-0.00025	-0.00260	0.43675	0.21267	-2.97737	232.98413
7HR	0.52628	0.17739	-4.09573	260.95333	0.01111	-0.00131	0.91153	0.23799	-2.60713	281.38373
	0.70710	0.18467	-3.65913	299.03227	-0.00074	0.00015	0.73255	0.24353	-2.66673	307.35369
	0.70757	0.18212	-3.45940	273.50763	-0.00327	0.00338	0.69303	0.24142	-2.40790	303.59131
	0.07630	0.17694	-3.26693	306.13337	-0.00517	0.00713	0.93523	0.24599	-2.14527	309.39351
	0.52603	0.17973	-2.68450	303.46631	-0.00337	0.00667	0.50548	0.23300	-1.62250	313.14136
	0.79422	0.16930	-2.49413	259.14232	-0.00521	0.01293	0.53532	0.25766	-1.52915	304.12061

HR	US	#5	T5	35	JWS	RT5	U2	V2	T2	32
8HR	0.73013	0.17810	-2.25973	279.39769	-1.00983	0.01742	0.75405	0.29978	-1.29213	266.43333
	0.73450	0.16507	-1.50993	237.02919	-0.01310	0.02839	0.69955	0.25339	-0.38920	266.43214
	0.73433	0.17313	-1.41807	251.44333	-0.03113	0.03011	0.70197	0.25339	-0.47800	270.43313
	0.73115	0.16115	-1.17937	232.96313	-0.03199	0.03354	0.69773	0.25339	-0.13347	233.96399
	0.73570	0.17033	-0.50475	231.83959	-0.03493	0.04140	0.72066	0.25339	1.06700	234.96355
	0.93872	0.17719	0.32330	171.13992	1.03693	0.05134	0.72066	0.25339	1.06700	231.12494
9HR	0.65123	0.18923	0.64560	232.37305	0.00227	0.06023	0.67820	0.29779	1.43033	231.60254
	0.67190	0.16292	0.93937	235.66333	0.01115	0.05875	0.69755	0.19879	1.90313	237.33362
	0.93905	0.20006	1.68300	298.03347	0.00011	0.06103	1.05137	0.28264	2.36740	297.61519
	1.12612	0.17698	1.90387	262.71333	-0.05493	0.05666	1.24977	0.24918	2.04657	264.65233
	1.13833	0.20517	2.09240	245.33573	-0.00015	0.06146	1.20807	0.27827	2.73927	247.35988
	1.23933	0.18730	3.06373	300.32617	-0.00116	0.07020	1.32325	0.21936	2.64137	297.74951
10HR	1.17892	0.18021	2.34533	276.61932	-0.01131	0.07399	1.31798	0.29982	3.50240	276.60260
	1.16667	0.17733	3.19027	227.02939	-0.02427	0.08371	1.24965	0.26738	3.60680	226.65590
	0.64032	0.17597	2.28467	213.32713	-0.01168	0.09254	1.02510	0.27216	4.07727	217.32469
	1.39932	0.17618	3.94620	229.37613	-0.08849	0.09005	1.27127	0.33442	4.61607	227.52444
	1.06610	0.19594	4.04373	213.62036	-0.07733	0.08649	1.14950	0.28754	4.75667	214.29352
	0.95606	0.17560	4.23100	220.37626	-0.01990	0.09331	1.03733	0.25377	4.99220	220.55090
11HR	1.20643	0.19723	4.06353	172.06013	-0.04633	0.12143	1.43965	0.23564	5.61940	174.28580
	1.39532	0.13463	4.94827	180.12415	-0.12513	0.07165	1.29170	0.31962	5.64493	183.61252
	1.63143	0.19851	5.27313	179.07590	-0.17413	0.06823	1.76430	0.30236	5.11553	183.09955
	1.13215	0.13841	5.19740	163.01159	-0.03663	0.13435	1.30138	0.29420	5.95473	165.33331
	1.64073	0.19159	5.35600	229.33703	-0.01912	0.10370	2.01673	0.27416	5.27533	231.02719
	1.33965	0.13013	5.46413	210.16163	-0.17710	0.11601	1.72723	0.33332	6.03453	213.354561
12HR	1.64010	0.16033	5.38020	233.32031	-0.07717	0.13626	1.43965	0.21129	5.92553	228.90353
	1.16642	0.13507	5.71313	237.75522	-0.07211	0.13232	1.31715	0.23631	5.62533	235.94928
	1.67125	0.19575	5.97420	249.13687	-0.10923	0.11040	1.60117	0.33342	5.14313	246.74573
	1.35933	0.17699	5.00737	252.59449	-0.10282	0.10343	1.55773	0.24311	6.05447	256.03903
	1.01607	0.13540	5.36740	351.43266	-0.09943	0.08691	1.11027	0.29793	6.70037	249.25667
	1.71342	0.12667	5.24240	211.44991	-0.06336	0.05559	1.66317	0.31364	7.12547	225.425969
13HR	1.39693	0.20867	6.36700	230.97311	-0.15832	0.08160	1.55333	0.27743	6.97150	243.13763
	1.11773	0.16333	6.07833	223.31140	-0.08140	0.08681	1.32233	0.25137	5.92920	222.40709
	1.43212	0.13682	6.04140	204.33309	-0.06443	0.05552	1.69692	0.27355	7.34613	205.75047
	1.29636	0.19222	6.16380	241.99370	-0.11389	0.08223	1.45732	0.23623	6.86530	244.01329
	1.70416	0.17933	6.09437	233.82250	-0.09233	0.07303	2.05703	0.31742	7.56547	226.66329
	1.26550	0.13020	6.33140	207.59020	-0.01113	0.06373	1.43027	0.29759	7.45613	209.13029
14HR	1.19663	0.20173	6.43313	240.05133	-0.08331	0.05902	1.442970	0.30739	7.33130	247.44591
	0.91695	0.19741	6.17040	250.06037	-0.03610	0.06085	1.03362	0.29902	7.30440	263.23333
	1.33632	0.19011	6.26055	233.33691	-0.03324	0.04222	1.22247	0.30350	7.31975	234.930805
	1.05772	0.13736	6.13320	230.44310	-0.07249	0.04134	1.23317	0.27327	7.27337	230.35313
	1.32647	0.19440	5.14460	229.39650	-0.03660	0.03560	1.50762	0.29413	7.27337	226.73263
	1.00357	0.17755	5.93740	233.10925	-0.07443	0.03390	1.17572	0.27333	7.15873	236.32771
15HR	0.35633	0.13432	5.78430	223.03069	-0.07310	0.03131	1.13973	0.31129	7.46300	227.33522
	0.39097	0.13333	5.73933	173.03030	-0.06733	0.03193	1.13933	0.30360	7.33913	173.42137
	1.17733	0.19683	5.96073	193.44400	-0.06847	0.01323	1.37212	0.30431	7.31000	165.42703
	0.34653	0.14463	5.09913	231.35491	-0.03441	0.01122	1.97190	0.23390	7.07500	250.33253
	0.73133	0.17612	5.43273	209.47872	-0.03393	0.00571	0.73323	0.24357	7.02053	271.61767
	0.69917	0.13612	5.31540	227.47303	-0.01913	0.00340	1.03360	0.31011	7.21033	229.42773

2-26

	U6	W5	T5	D5	JR5	MT5	U6	M2	T2	D2
16HR	0.59587	0.18264	0.21507	215.71394	-0.01935	-0.00205	1.03532	0.22259	0.27567	230.29316
	0.24420	0.13115	4.43987	233.24447	-0.01399	-0.00392	1.02436	0.29690	0.33293	233.09773
	0.01149	0.17323	4.33633	313.19304	-0.03033	-0.00420	0.99399	0.23334	0.73320	314.14119
	0.03351	0.13341	4.23137	313.40341	-0.03049	-0.00497	0.99497	0.23093	0.54037	311.39397
	0.43702	0.19119	3.70120	233.47771	0.03547	0.00100	0.93132	0.27337	0.50330	236.74351
	0.20167	0.13244	2.33347	233.99777	0.01134	0.00117	0.94412	0.24713	0.39033	292.60395
17HR	0.19632	0.18432	1.94273	206.75330	0.00851	0.00062	0.21510	0.25610	4.71700	198.77464
	0.28412	0.16387	1.22900	183.42309	0.01034	0.00061	0.23455	0.25703	3.92367	225.86588
	0.30055	0.17425	0.37220	170.69122	0.00766	0.00086	0.30420	0.25392	3.42127	191.36758
	0.24697	0.17520	-0.16627	167.17140	0.01027	0.00066	0.27442	0.27061	3.17847	292.41431
	0.75145	0.13947	1.59650	71.45909	0.01637	-0.00116	1.06370	0.27208	4.46033	409.62398
	0.60653	0.18392	1.46237	123.13393	0.01433	-0.00401	0.86055	0.26859	4.11947	474.24756
16HR	0.62748	0.19085	1.17960	100.85339	-0.01610	-0.00716	1.12097	0.27331	3.85013	460.33911
	1.05432	0.13119	1.11930	82.60319	-0.03646	-0.01057	1.56993	0.29373	3.38133	433.27734
	1.30437	0.17650	1.38555	99.32343	-0.05574	-0.01541	1.99093	0.27957	4.23000	454.73193
	0.58632	0.18077	1.46733	119.13430	-0.00445	-0.01065	0.72353	0.27530	4.09073	478.04028
	0.70236	0.16635	0.82027	113.82330	0.02472	-0.00334	0.95327	0.27951	3.70247	476.74730
	0.62338	0.17423	0.72730	133.89639	0.03464	-0.00063	0.92237	0.26077	3.14060	454.96309
19HR	0.62792	0.17601	-0.31333	34.60609	0.00053	-0.00363	1.00718	0.27779	3.11567	438.02271
	0.62342	0.17617	0.37407	39.23399	-0.03030	-0.00245	0.83430	0.23263	3.00407	440.92529
	0.31732	0.17742	0.21927	86.50479	0.00640	-0.00368	1.04075	0.25199	3.02720	444.15063
	0.55563	0.17263	0.30193	95.33159	-0.03077	-0.00603	0.74332	0.26238	2.70420	449.49048
	0.49475	0.17383	-0.04100	107.38773	0.00070	-0.00274	0.71340	0.25736	2.70133	460.56911
	0.51737	0.17265	-0.03693	101.83719	-0.00233	-0.00299	0.64713	0.25135	2.49253	451.14232
20HR	0.75727	0.17500	-0.25200	102.76469	0.00033	-0.00423	0.98962	0.25706	3.05327	455.19324
	0.69413	0.17306	0.08667	104.64337	-0.01134	-0.00703	0.83370	0.23735	3.04113	460.90352
	0.65363	0.17392	0.11360	112.03690	-0.01385	-0.00490	1.16390	0.26435	2.77360	465.52393
	0.60732	0.17564	0.09140	133.00319	-0.03330	-0.00876	1.07350	0.26672	2.76360	459.34120
	0.75138	0.17402	0.11130	134.10300	-0.01033	-0.00622	1.03137	0.26395	2.71393	460.03613
	0.81643	0.17165	-0.03230	110.50126	-0.03673	-0.00595	1.04475	0.26310	2.54375	464.91650

2-25

	UW2	WT5	U16	416	T16	D16	U416	WT16	512	3T10
20HR	-0.001577	-0.001040	1.431070	0.43357	-0.432647	447.31519	-0.03320	-0.001455	2.50300	5.77447
	-0.002539	-0.001142	1.44420	0.43630	-0.43730	456.12720	-0.14273	-0.02133	2.46450	5.72113
	0.001632	-0.000902	0.77442	0.39262	-0.39900	416.91406	-0.02222	-0.01712	2.45713	5.71322
	1.431130	1.431130	1.431130	1.431130	-0.43327	463.40132	-0.001130	-0.001130	2.39102	5.71300
	-0.001134	-0.001027	1.33773	0.43453	-0.43073	451.57337	-0.13304	-0.00204	3.05433	5.69467
	-0.003372	-0.001449	0.66173	0.43353	-0.43670	453.59321	-0.03543	-0.01646	3.31337	5.69367
21HR	-0.003436	-0.000912	0.63423	0.50713	-0.49200	423.99023	-0.06412	-0.01501	2.23227	5.63467
	-0.007022	-0.000831	0.35423	0.40553	-0.44693	457.30512	-0.01612	-0.00399	2.24040	5.60693
	-0.000133	-0.000345	0.30378	0.50774	-1.95127	334.21387	-0.00093	-0.00310	2.17940	5.57947
	0.003033	-0.00041	0.41955	0.51625	-2.33227	250.35229	0.01955	-0.01056	2.10555	5.56207
	0.003906	-0.00003	0.33953	0.51924	-2.18067	408.83740	-0.00150	-0.01350	2.03107	5.54113
	0.000644	-0.00136	0.32337	0.51319	-2.57353	459.65525	-0.01316	-0.00930	1.96327	5.51253
22HR	0.001792	0.00433	0.30502	0.51014	-3.13333	197.07561	0.00726	-0.00936	1.91293	5.43967
	0.00082	0.00420	0.30097	0.49390	-1.43313	75.35519	0.00065	-0.00589	1.83130	5.46727
	0.00137	0.00156	0.30637	0.49420	-0.93520	36.07149	-0.00476	-0.00454	1.85307	5.43127
	-0.000201	-0.00171	0.46632	0.49322	-0.82520	39.13370	-0.01077	-0.00423	1.83873	5.41267
	-0.00134	-0.00095	0.46640	0.49330	-0.49327	91.93500	-0.01139	-0.00459	1.83173	5.39937
	-0.004431	-0.00090	0.46405	0.49312	-0.44337	92.63879	-0.03334	-0.00609	1.83633	5.36953
23HR	-0.002636	-0.00437	0.79437	0.49354	-0.32640	94.75648	-0.03317	-0.00723	1.83527	5.34133
	-0.00292	-0.00351	0.66786	0.49352	-0.93173	93.61080	-0.03043	-0.00509	1.81933	5.31307
	-0.003233	-0.00022	0.37132	0.49370	-1.62267	31.69029	-0.04190	-0.00594	1.79100	5.29347
	0.001123	-0.00073	0.33412	0.50393	-1.97367	170.99542	-0.02247	-0.01057	1.76237	5.26200
	0.005329	-0.00124	0.78562	0.52343	-2.46353	240.60062	0.06147	-0.00597	1.73510	5.24507
	0.002732	0.00043	0.32517	0.52339	-3.74573	235.67123	0.00211	-0.00100	1.71733	5.23947

2-26-

	uW2	WT5	Uto	W16	T15	D16	UK16	WT16	ST2	ST10
0HR	-0.03572	-0.00169	1.14056	0.51556	-2.55995	266.40771	-0.00573	-0.00117	1.69713	5.21137
	-0.04703	0.00057	0.90315	0.53595	-4.06190	259.92236	-0.00200	-0.00237	1.59200	5.19095
	0.00762	0.00022	0.29220	0.52123	-1.22520	233.85059	0.01527	-0.00345	1.71173	3.17040
	0.00761	0.00193	0.50927	0.52234	-1.22927	335.05336	0.00340	0.00303	1.71757	5.15227
	-0.04576	0.00372	0.54330	0.54330	-1.57730	333.83076	0.00259	-0.00121	1.71940	5.13327
	0.00206	0.00005	0.40597	0.54245	-1.50040	253.60699	0.00717	-0.00125	1.72007	5.11447
	0.01290	-0.00049	0.27688	0.53330	-3.27313	245.17068	0.00980	0.00013	1.71720	5.09687
	0.02337	-0.00059	0.52556	0.53454	-4.07440	235.95917	-0.00263	-0.00130	1.66553	5.07933
	0.00234	0.00004	0.21933	0.53099	-4.28713	198.68929	-0.00423	-0.00342	1.61960	5.06533
	0.01195	0.00120	0.41136	0.54173	-5.97760	265.65720	-0.00078	0.00078	1.55813	5.04800
0.02221	0.00233	0.39997	0.51740	-4.77430	194.35756	0.01473	-0.00095	1.49467	5.02340	
0.01940	0.00124	0.33506	0.52110	-4.94293	155.40570	0.00056	-0.00061	1.42360	5.01240	
2HR	0.02225	0.00007	0.52412	0.52694	-4.73473	224.21602	0.01010	-0.00096	1.39967	4.99620
	0.02904	0.00530	0.46095	0.51653	-4.55127	232.36834	0.01790	-0.00131	1.36933	4.95033
	0.01475	0.00233	0.30142	0.51260	-4.41737	221.53200	0.00078	-0.00347	1.36687	4.93730
	0.01149	-0.00002	0.28412	0.50720	-4.33547	203.35944	0.00121	-0.00011	1.36267	4.93593
	0.00749	0.00003	0.24956	0.52221	-4.13550	279.49219	0.00666	-0.00054	1.36273	4.92020
	-0.00045	0.00006	0.23373	0.51645	-4.02093	297.03662	0.01107	0.00000	1.36733	4.90647
	-0.00814	0.00095	0.52272	0.52335	-3.93397	296.52002	-0.00322	-0.00116	1.35313	4.89013
	0.01286	-0.00187	0.69532	0.52760	-4.04640	211.47382	-0.00340	-0.00300	1.35320	4.87007
	-0.00706	-0.00122	0.79806	0.50619	-4.07833	259.73604	-0.01326	-0.00340	1.34513	4.85000
	-0.00525	0.00010	0.61943	0.50630	-4.00210	263.17505	0.00223	-0.00353	1.32413	4.82967
-0.01437	-0.00110	0.96645	0.53339	-4.06620	251.15393	-0.01725	-0.00150	1.29553	4.81380	
-0.00471	-0.00293	0.67160	0.52049	-4.01337	266.43071	0.00415	-0.00069	1.27975	4.80200	
4HR	-0.04076	-0.00081	0.91472	0.53270	-3.93397	261.22573	-0.00066	-0.00209	1.25327	4.73167
	-0.01223	-0.00167	0.71997	0.53371	-4.09113	267.93701	-0.05389	-0.00278	1.25350	4.77360
	0.00363	-0.00039	0.54603	0.54400	-4.07400	269.99305	-0.01605	-0.00270	1.24173	4.75200
	0.00948	-0.00003	0.65362	0.54233	-4.01513	256.45361	0.02446	-0.00022	1.22167	4.73893
	0.00363	-0.00071	0.62760	0.53851	-4.03700	275.99731	-0.00014	-0.00043	1.19153	4.72300
	0.00324	-0.00027	0.62650	0.53379	-4.00315	236.93970	0.00281	-0.00115	1.15833	4.70320
	0.00132	-0.00112	0.69023	0.53364	-4.04320	279.46973	-0.01497	-0.00207	1.12360	4.69127
	-0.00177	-0.00073	0.72200	0.52491	-4.03273	275.93701	-0.02573	-0.00141	1.09153	4.67430
	-0.00572	-0.00101	0.62910	0.52703	-4.07197	283.04712	-0.03177	-0.00198	1.07793	4.66160
	-0.00518	-0.00101	0.62738	0.53143	-4.01520	282.33618	-0.03434	-0.00174	1.05567	4.63747
0.01214	-0.00110	0.55063	0.53351	-4.03667	291.01626	-0.02928	-0.00183	1.02840	4.61860	
0.01495	-0.00027	0.50132	0.52052	-4.03140	285.23143	-0.03930	-0.00261	1.00933	4.60620	
6HR	-0.00079	-0.00070	0.533747	0.54419	-4.33033	297.92173	-0.02912	-0.00251	0.98687	4.59360
	-0.00376	-0.00001	0.48214	0.53297	-4.97673	307.52979	0.00366	-0.00137	0.95920	4.58347
	-0.01530	-0.00035	0.72037	0.54003	-3.00027	273.47510	0.00391	-0.00134	0.93373	4.56720
	-0.01530	-0.00163	0.64153	0.52694	-3.13200	260.12329	0.00462	-0.00132	0.91900	4.54773
	-0.03223	-0.00050	0.41965	0.51513	-3.04933	273.87061	-0.04976	-0.00163	0.89340	4.53033
	-0.00354	-0.00018	0.50475	0.53085	-4.99957	281.89297	-0.03930	-0.00114	0.89060	4.51613
	-0.02776	0.00133	0.51943	0.52459	-4.07213	279.46973	-0.05131	0.00002	0.89730	4.49967
	-0.00407	0.00019	0.60160	0.54433	-4.03293	301.42433	-0.04735	0.00251	0.91793	4.48247
	-0.07454	0.01590	0.62407	0.54433	-4.03447	293.60060	-0.01311	0.00481	0.94520	4.47193
	-0.15799	0.01309	0.75233	0.53831	-3.86353	275.59272	-0.00954	0.00304	1.00653	4.45460
-0.12574	0.01713	0.61125	0.56600	-3.04833	304.99556	-0.00740	0.00351	1.07427	4.43973	
-0.005172	0.01329	0.70953	0.53033	-3.33513	292.59730	-0.01310	0.01520	1.15367	4.42530	

	UK2	UK5	U15	U15	U15	T15	D15	JM15	ST2	ST10
9HR	-0.13527	0.02598	0.54045	-3.13130	232.43701	-0.09184	0.02330	1.20247	4.31190	
	-0.04319	0.02332	0.50437	-2.75902	257.69482	-0.11375	0.05255	1.39113	4.38937	
	-0.09496	0.02553	0.50537	-2.59913	253.85705	-0.03059	0.05091	1.55683	4.39133	
	-0.04554	0.02517	0.53517	-1.74227	293.16111	-0.04319	0.04377	1.71732	4.39317	
	-0.02820	0.05214	0.52900	-1.43572	275.44973	-0.09311	0.05352	1.89327	4.37927	
	-0.02592	0.05059	0.57637	-0.73522	260.64424	-0.05604	0.05254	2.07073	4.37107	
9HR	-0.03239	0.04907	0.53549	0.00013	270.81152	-0.09312	0.05595	2.25240	4.38253	
	-0.00939	0.05690	0.69420	0.42220	282.53374	-0.06913	0.06031	2.43973	4.39060	
	-0.03031	0.04509	1.25775	0.45730	262.90283	-0.14045	0.06160	2.62673	4.40193	
	-0.04073	0.05860	0.53020	0.84913	262.43628	-0.19013	0.06576	2.89140	4.41673	
	-0.09601	0.05325	0.59057	0.97691	270.05127	-0.16691	0.07011	3.06560	4.44027	
	-0.18552	0.05963	1.24292	0.92600	291.74194	-0.10300	0.06928	3.24633	4.46340	
10HR	-0.09451	0.06207	1.51600	1.17313	280.93481	-0.03233	0.06144	3.40927	4.49180	
	0.03462	0.06969	1.53442	1.80757	245.80275	-0.12310	0.04651	3.56940	4.52327	
	-0.05172	0.07577	1.21433	1.93333	241.16619	0.11716	0.07533	3.72637	4.53833	
	-0.04712	0.08490	1.34996	2.43827	252.19794	0.05909	0.06369	3.89827	4.59480	
	-0.05573	0.08425	1.17413	2.73873	214.06491	0.03949	0.05349	4.07073	4.62913	
	0.21213	0.08169	1.03933	3.91160	236.36694	0.25639	0.05650	4.24753	4.67420	
11HR	0.10129	0.07744	0.52275	3.41027	206.90451	0.01295	0.05322	4.39973	4.71813	
	-0.13773	0.07400	1.66625	3.25227	202.49631	-0.02917	0.05253	4.55853	4.76960	
	-0.20440	0.05786	1.65405	3.75467	204.05698	-0.15703	0.05703	4.67807	4.81453	
	-0.02812	0.10092	1.24957	3.77137	199.61920	-0.11126	0.06953	4.81893	4.86267	
	-0.09354	0.06683	2.20357	3.75560	234.63000	0.13257	0.07222	4.94587	4.91387	
	-0.12191	0.06922	1.45327	4.02437	222.82370	0.06310	0.07200	5.09367	4.96553	
12HR	-0.04466	0.03193	0.58340	4.03673	228.19588	0.02998	0.03441	5.22140	5.01747	
	-0.15946	0.05763	1.56722	4.07733	239.22171	0.07032	0.07491	5.32547	5.07193	
	-0.17095	0.05736	1.56603	4.12440	244.79906	-0.11610	0.06310	5.45307	5.12650	
	-0.16050	0.03492	1.59615	4.23320	249.14066	-0.03043	0.06414	5.53627	5.17607	
	-0.19331	0.05717	1.29467	4.39273	255.36317	-0.23955	0.06203	5.64730	5.22953	
	-0.21433	0.07447	2.06690	4.34547	231.97760	0.03673	0.09070	5.75980	5.28253	
13HR	-0.35006	0.09315	2.10673	4.01447	255.23727	-0.07791	0.07729	5.84077	5.33647	
	-0.13366	0.10591	1.50790	4.07143	228.24734	-0.08323	0.07405	5.92813	5.39293	
	-0.06443	0.09009	1.85935	5.28740	209.13741	-0.15719	0.07589	5.99633	5.44173	
	-0.16050	0.03182	1.57635	4.64720	243.65142	-0.15012	0.07109	6.04153	5.49573	
	-0.13652	0.03271	2.09573	4.83220	241.67079	0.03261	0.04883	6.10527	5.54767	
	-0.17156	0.04635	1.82512	4.80327	222.30103	0.02010	0.05119	6.15367	5.59127	
14HR	-0.19422	0.05375	2.07207	4.03033	254.03437	-0.13904	0.05677	6.19500	5.64960	
	0.01303	0.06317	1.13443	4.09740	255.54050	0.05937	0.04312	6.23317	5.69640	
	-0.07056	0.04797	1.64237	4.07680	247.54320	0.07157	0.04110	6.25757	5.74047	
	-0.11103	0.05181	1.80955	4.39300	231.67905	0.03705	0.03920	6.27193	5.78907	
	-0.05206	0.04053	1.55319	4.26300	232.19183	0.05913	0.03067	6.28600	5.83767	
	-0.05375	0.04603	1.05953	5.03340	245.57210	-0.11392	0.03314	6.21800	5.87940	
15HR	-0.13210	0.03524	1.03323	5.09900	223.93439	-0.13033	0.02509	6.17340	5.91993	
	-0.12470	0.03790	1.15943	5.03500	176.40135	-0.03119	0.01955	6.11473	5.96413	
	-0.07116	0.03226	1.59437	4.03947	184.73429	-0.02271	0.01166	6.02333	6.01220	
	-0.14151	0.02339	1.24465	4.33223	249.94525	0.05966	0.01419	5.94333	6.06113	
	-0.09449	0.01361	1.02953	4.70540	257.18210	0.01233	0.01505	5.87893	6.07580	
	-0.03392	0.00760	1.25433	4.17913	250.65379	0.04471	0.00410	5.80267	6.11453	

	Ux2	WT5	UT6	WT6	T16	Q16	Ux16	WT16	ST2	ST19
2-Cb										
16HR	0.00959 -0.06276 -0.00884 -0.00883 -0.00557 0.00650	0.00534 -0.00025 -0.00275 -0.00449 -0.00310 0.00050	1.24070 1.14842 1.10335 3.32230 3.00449 0.00557	0.57059 0.55553 0.55072 0.51111 0.50304 0.53341	4.63227 4.59727 4.45320 3.81346 3.73077 3.95523	240.43326 230.43316 221.03136 226.63959 219.53033 137.92079	-0.00712 -0.01091 -0.03716 0.01376 -0.00330 -0.00770	-0.00018 -0.00076 0.00087 -0.00041 -0.00822 -0.00101	5.73913 5.80527 5.50653 5.40113 5.20960 5.11260	6.15227 6.15529 6.17393 6.19447 6.20730 6.22107
17HR	0.01162 0.00648 0.00208 0.01340 0.02708 -0.01576	0.00029 0.00047 0.00099 0.00051 -0.00534 -0.01377	0.27917 0.25625 0.41980 0.35672 0.86235 0.55658	0.53662 0.53552 0.53650 0.53235 0.57656 0.54259	2.53340 1.81127 2.97730 3.53133 3.05973 1.75893	207.05664 216.45259 186.15143 256.52661 405.99072 494.67212	0.00237 0.00709 -0.00053 0.02091 0.05763 0.09722	-0.00100 0.00040 -0.00070 0.00020 0.00614 -0.00568	5.07607 4.94520 4.79353 4.63173 4.46387 4.31840	6.23147 6.24853 6.25420 6.25673 6.25853 6.25833
18HR	-0.02957 -0.04156 -0.04906 -0.03376 -0.00929 0.02793	-0.00962 -0.01290 -0.01948 -0.01024 -0.00519 -0.00092	0.71928 1.18837 1.32490 0.48570 0.79715 0.69300	0.53093 0.52779 0.52504 0.51193 0.50083 0.51090	1.56903 1.62193 1.47180 1.75333 1.46740 0.68337	468.54346 435.72144 449.56323 483.46167 476.46167 457.47310	-0.04350 -0.07396 -0.13031 -0.03046 -0.04049 -0.02727	-0.01239 -0.01597 -0.01943 -0.01444 -0.01477 -0.01034	4.19807 4.09693 4.02493 3.96607 3.90633 3.83030	6.24760 6.24020 6.22987 6.21540 6.20367 6.19273
19HR	0.02292 -0.00415 -0.03403 -0.04078 -0.01233 -0.02384	-0.00444 -0.00529 -0.00683 -0.00654 -0.00386 -0.00327	0.76917 0.62277 0.94630 0.69932 0.69333 0.69222	0.51825 0.47764 0.50365 0.49356 0.51509 0.50653	0.85127 0.80233 0.86520 0.43200 0.45020 0.56207	442.33008 448.45190 449.36133 482.56567 484.11987 454.84009	-0.02060 -0.02527 -0.04760 -0.02543 -0.03635 -0.03153	-0.00595 -0.00749 -0.00689 -0.00675 -0.00916 -0.00953	3.74387 3.65033 3.56353 3.46367 3.40353 3.32200	6.17767 6.16207 6.13980 6.12253 6.10360 6.08373
20HR	-0.01104 -0.00355 -0.05929 -0.05739 -0.05212 -0.02637	-0.00443 -0.00953 -0.00615 -0.00723 -0.00844 -0.00596	1.03715 0.82572 1.06135 1.13723 1.00470 1.07737	0.51275 0.51462 0.51174 0.51922 0.50759 0.49455	0.65133 0.72000 0.74700 0.66840 0.62113 0.56153	454.57715 461.50259 465.59014 461.29028 461.70254 468.43656	-0.01946 -0.03153 -0.03966 -0.03031 -0.04107 -0.03545	-0.00597 -0.00980 -0.00864 -0.01152 -0.01069 -0.00994	3.25327 3.18820 3.15507 3.12447 3.10730 3.08335	6.06273 6.04307 6.02340 5.99607 5.97367 5.95147

2-25

	TA16	I	RN	SE							
20HR	2.156750	0.00333	-0.15050	-0.00733	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.175527	-0.07433	-0.506507	-0.01067	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.60017	-0.05833	-0.22883	-0.01867	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.133500	-0.04617	-0.33483	-0.01817	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.00673	-0.01333	-0.34833	-0.01117	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.138607	-0.00850	-0.30850	-0.01733	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21HR	2.164107	-0.02317	-5.14650	-0.00733	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.47727	-0.07283	-5.17017	-0.01133	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.70247	-0.04817	-4.65400	-0.00800	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.65980	0.00423	-4.86117	-0.01250	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.97567	-0.00867	-4.59417	-0.01867	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.63047	-0.02000	-5.36600	-0.02667	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22HR	0.71500	0.00947	-3.33550	-0.02500	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.53620	0.03317	-2.36800	-0.02033	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.99067	0.12300	-2.28433	-0.02050	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.29227	0.10300	-1.39133	-0.01350	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.46237	0.00933	-2.32483	-0.00300	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2.49093	0.00200	-3.13000	-0.00067	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23HR	2.11553	-0.01850	-4.95200	-0.00033	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.63827	-0.03450	-4.04500	-0.00483	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.99700	0.01700	-5.06550	-0.00917	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.52973	-0.03137	-3.68917	-0.00955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.84947	-0.01750	-3.97433	-0.00917	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.40430	-0.10883	-3.42250	-0.00953	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2-26

	TA16	I	ER	Q2	ER	Q2	ER	Q2	ER	Q2
6HR	0.59740	19.15984	0.54500	-3.54100	0.0	0.0	0.0	0.0	0.0	0.0
	0.74327	22.31583	3.07807	-2.42717	0.0	0.0	0.0	0.0	0.0	0.0
	1.12150	24.47000	6.15003	-1.90003	0.0	0.0	0.0	0.0	0.0	0.0
	1.58240	25.73700	10.27903	-1.52103	0.0	0.0	0.0	0.0	0.0	0.0
	2.11953	26.22600	12.31207	-1.10000	0.0	0.0	0.0	0.0	0.0	0.0
	2.66247	26.65700	14.16634	-0.99407	0.0	0.0	0.0	0.0	0.0	0.0
9HR	3.22273	33.42667	12.98117	-0.23450	0.0	0.0	0.0	0.0	0.0	0.0
	3.59600	32.32365	14.04700	-0.26117	0.0	0.0	0.0	0.0	0.0	0.0
	4.02020	32.63732	14.30050	-0.10567	0.0	0.0	0.0	0.0	0.0	0.0
	4.47340	32.43550	14.49117	0.02293	0.0	0.0	0.0	0.0	0.0	0.0
	4.43913	35.23715	16.58217	0.20157	0.0	0.0	0.0	0.0	0.0	0.0
	4.43633	33.34500	14.61150	0.36750	0.0	0.0	0.0	0.0	0.0	0.0
10HR	5.02240	37.88982	17.07233	0.95083	0.0	0.0	0.0	0.0	0.0	0.0
	5.51250	40.69432	18.79716	0.70000	0.0	0.0	0.0	0.0	0.0	0.0
	5.73287	42.00768	19.41463	0.28450	0.0	0.0	0.0	0.0	0.0	0.0
	6.25613	43.97099	20.37717	1.03150	0.0	0.0	0.0	0.0	0.0	0.0
	6.47453	41.68750	19.59917	1.16600	0.0	0.0	0.0	0.0	0.0	0.0
	6.61157	43.74300	20.76062	1.35900	0.0	0.0	0.0	0.0	0.0	0.0
11HR	7.01707	42.62715	20.20264	1.52400	0.0	0.0	0.0	0.0	0.0	0.0
	7.05100	44.09732	20.39417	1.63917	0.0	0.0	0.0	0.0	0.0	0.0
	7.43753	48.00461	23.51333	1.76117	0.0	0.0	0.0	0.0	0.0	0.0
	7.66813	45.66333	21.32167	1.57367	0.0	0.0	0.0	0.0	0.0	0.0
	8.11047	52.15150	24.96663	1.93250	0.0	0.0	0.0	0.0	0.0	0.0
	8.33107	50.69333	24.80450	2.04717	0.0	0.0	0.0	0.0	0.0	0.0
12HR	8.12753	44.68033	20.67360	2.11433	0.0	0.0	0.0	0.0	0.0	0.0
	8.23633	45.47949	21.35633	2.19200	0.0	0.0	0.0	0.0	0.0	0.0
	8.34227	42.10910	19.61150	2.22433	0.0	0.0	0.0	0.0	0.0	0.0
	8.71200	47.73750	23.29033	2.23600	0.0	0.0	0.0	0.0	0.0	0.0
	8.80020	45.06700	19.93117	2.21667	0.0	0.0	0.0	0.0	0.0	0.0
	8.69467	40.91943	18.53750	2.22367	0.0	0.0	0.0	0.0	0.0	0.0
13HR	8.86293	42.25768	24.81765	2.20097	0.0	0.0	0.0	0.0	0.0	0.0
	8.80740	42.73082	19.40799	2.21633	0.0	0.0	0.0	0.0	0.0	0.0
	9.31387	41.44000	18.89563	2.23117	0.0	0.0	0.0	0.0	0.0	0.0
	9.34760	35.83348	15.04284	2.23633	0.0	0.0	0.0	0.0	0.0	0.0
	9.09027	34.55167	14.94217	2.19367	0.0	0.0	0.0	0.0	0.0	0.0
	8.86515	30.73291	12.76055	2.12967	0.0	0.0	0.0	0.0	0.0	0.0
14HR	9.04580	29.16849	11.92333	2.06000	0.0	0.0	0.0	0.0	0.0	0.0
	8.83187	25.34016	10.18417	1.85950	0.0	0.0	0.0	0.0	0.0	0.0
	8.94167	25.20100	9.01017	1.99333	0.0	0.0	0.0	0.0	0.0	0.0
	8.93360	22.88917	7.54650	1.81567	0.0	0.0	0.0	0.0	0.0	0.0
	8.91000	21.09332	5.23367	1.72233	0.0	0.0	0.0	0.0	0.0	0.0
	8.71100	19.83933	5.04467	1.64100	0.0	0.0	0.0	0.0	0.0	0.0
15HR	8.63047	19.05666	4.70967	1.55000	0.0	0.0	0.0	0.0	0.0	0.0
	8.60827	17.01460	3.42700	1.44300	0.0	0.0	0.0	0.0	0.0	0.0
	8.70957	15.53133	2.46933	1.32950	0.0	0.0	0.0	0.0	0.0	0.0
	8.78240	14.03350	1.28417	1.23633	0.0	0.0	0.0	0.0	0.0	0.0
	8.74000	12.21934	0.13433	0.13350	0.0	0.0	0.0	0.0	0.0	0.0
	8.58327	10.10433	-1.11917	0.34763	0.0	0.0	0.0	0.0	0.0	0.0

2-26

	TA16	I	RN	SE						
16HR	5.53507	7.99353	-2.10233	0.67333	0.0	0.0	0.0	0.0	0.0	0.0
	5.57573	7.53933	-1.90467	0.74900	0.0	0.0	0.0	0.0	0.0	0.0
	4.19387	6.04050	-2.60700	0.64997	0.0	0.0	0.0	0.0	0.0	0.0
	7.55413	4.73917	-2.97933	0.55350	0.0	0.0	0.0	0.0	0.0	0.0
	7.44930	4.13417	-3.74933	0.44997	0.0	0.0	0.0	0.0	0.0	0.0
	5.89807	3.05533	-5.21950	0.35997	0.0	0.0	0.0	0.0	0.0	0.0
17HR	0.94753	2.33500	-3.04117	0.27233	0.0	0.0	0.0	0.0	0.0	0.0
	5.26240	1.39817	-4.43317	0.16917	0.0	0.0	0.0	0.0	0.0	0.0
	4.82293	0.45200	-4.93350	0.07333	0.0	0.0	0.0	0.0	0.0	0.0
	3.71620	-0.02833	-4.84100	-0.03033	0.0	0.0	0.0	0.0	0.0	0.0
	5.17953	0.08967	-5.32033	-0.07617	0.0	0.0	0.0	0.0	0.0	0.0
	4.86533	0.05283	-5.12417	-0.16963	0.0	0.0	0.0	0.0	0.0	0.0
18HR	4.78693	-0.17400	-5.09633	-0.27917	0.0	0.0	0.0	0.0	0.0	0.0
	4.57453	-0.02000	-5.81117	-0.35883	0.0	0.0	0.0	0.0	0.0	0.0
	4.74753	-0.07533	-5.89567	-0.39833	0.0	0.0	0.0	0.0	0.0	0.0
	4.81350	-0.05900	-5.08333	-0.40500	0.0	0.0	0.0	0.0	0.0	0.0
	4.59347	-0.04317	-5.13450	-0.43050	0.0	0.0	0.0	0.0	0.0	0.0
	3.35067	-0.03433	-4.82617	-0.46500	0.0	0.0	0.0	0.0	0.0	0.0
19HR	3.65640	-0.05617	-4.70167	-0.50117	0.0	0.0	0.0	0.0	0.0	0.0
	3.87673	-0.01300	-5.11000	-0.51617	0.0	0.0	0.0	0.0	0.0	0.0
	3.55647	-0.07600	-5.25733	-0.57317	0.0	0.0	0.0	0.0	0.0	0.0
	3.37713	-0.05633	-5.14633	-0.59900	0.0	0.0	0.0	0.0	0.0	0.0
	3.43347	-0.04600	-4.93567	-0.60100	0.0	0.0	0.0	0.0	0.0	0.0
	3.23053	-0.01300	-4.87163	-0.60633	0.0	0.0	0.0	0.0	0.0	0.0
20HR	3.27273	-0.02633	-4.78267	-0.61733	0.0	0.0	0.0	0.0	0.0	0.0
	3.39533	-0.02667	-4.46467	-0.61767	0.0	0.0	0.0	0.0	0.0	0.0
	3.47100	0.02550	-4.36333	-0.61300	0.0	0.0	0.0	0.0	0.0	0.0
	3.38900	-0.02300	-4.24050	-0.61317	0.0	0.0	0.0	0.0	0.0	0.0
	3.41730	-0.05483	-4.07763	-0.60933	0.0	0.0	0.0	0.0	0.0	0.0
	3.31530	-0.10733	-4.21000	-0.60500	0.0	0.0	0.0	0.0	0.0	0.0

(4) 昭和60年2月25～26日(30分間平均値)

	U5	W5	T5	D5	UM5	WT5	J2	W2	T2	D2
2-25										
20HR	0.56922 0.66481	0.13246 0.17368	-1.10624 -1.22233	79.00703 94.13761	-0.26290 -0.03536	-0.00936 -0.01233	1.21621 1.14137	0.29452 0.26319	1.69920 1.60564	455.47996 446.93649
21HR	0.51352 0.33379	0.17521 0.17925	-1.95647 -0.84644	143.23722 122.29741	0.11137 0.11717	-0.00301 -0.00531	0.44229 0.51490	0.44975 0.45131	1.82791 -0.13094	456.74751 364.85122
22HR	0.50126 0.49836	0.17624 0.16968	-3.67711 -1.04151	187.93645 118.05956	0.81222 0.00172	-0.00049 -0.00207	0.44349 0.66124	0.25407 0.25531	0.18037 1.55371	377.24565 454.94849
23HR	0.51722 0.63545	0.17397 0.17649	-1.29220 -2.29364	101.68354 222.65152	-0.00152 0.00124	-0.00376 -0.00510	0.69446 0.70673	0.26059 0.27246	1.21098 -0.10251	453.77979 236.77222
2-26										
0HR	0.56634 0.39476	0.17247 0.16756	-1.56634 -2.05907	233.95792 303.13721	-0.09115 0.08246	-0.00498 -0.00130	0.66003 0.42136	0.24903 0.23506	-0.26671 -0.40347	252.59579 321.45459
1HR	0.36426 0.43824	0.17792 0.16375	-4.14054 -5.15622	223.44031 226.26333	0.09331 0.09346	0.00344 0.00375	0.55132 0.33406	0.24573 0.24132	-1.62184 -2.73532	249.76437 219.38334
2HR	0.27908 0.27031	0.17097 0.17351	-4.32532 -3.37440	193.69294 181.23061	0.01106 0.00753	0.00107 0.00044	0.32503 0.25534	0.24090 0.23667	-2.73544 -2.16840	222.70135 195.04257
3HR	0.55949 0.54264	0.17793 0.17482	-3.69053 -3.62786	241.46699 245.66935	0.00393 0.00455	-0.00077 -0.00176	0.58174 0.57347	0.23910 0.24092	-2.05084 -2.06160	255.46153 259.96655
4HR	0.42979 0.43231	0.17100 0.17485	-3.60157 -4.09231	249.18390 242.09716	-0.00037 0.00067	-0.00301 -0.00022	0.44813 0.42994	0.23542 0.24044	-2.07791 -2.39489	263.10376 268.58545
5HR	0.55330 0.40939	0.17521 0.16936	-4.16909 -4.37315	252.66198 266.55420	0.00104 0.00345	-0.00465 -0.00267	0.59826 0.46323	0.23370 0.24449	-2.63615 -2.34147	271.66750 286.49927
6HR	0.50154 0.40931	0.17791 0.17386	-4.61560 -4.53791	251.23730 251.23341	0.00670 0.00631	-0.00273 -0.00163	0.57932 0.45099	0.23034 0.22795	-3.03855 -3.03682	297.59595 273.41992
7HR	0.67365 0.73285	0.18139 0.17522	-3.79742 -2.86695	289.13774 299.57933	-0.00747 -0.02992	0.00104 0.00960	0.75160 0.78701	0.23215 0.25368	-2.63449 -1.76567	297.42456 308.98574
8HR	0.73652 0.77462	0.17110 0.17641	-1.32724 -0.36667	279.15166 273.36037	-0.01799 -0.01339	0.02463 0.04263	0.60822 0.80107	0.26036 0.26672	-0.36538 0.50327	281.80469 279.49829
9HR	0.82739 1.16726	0.18407 0.18932	1.09009 2.02133	236.94653 268.78333	0.00491 -0.01886	0.05900 0.06351	0.87567 1.26036	0.25907 0.25104	1.90029 2.67260	289.08545 269.92261
10HR	1.07620 1.03317	0.17801 0.17958	3.10670 4.09031	241.30551 221.35322	-0.05574 -0.06206	0.08441 0.09082	1.19764 1.16940	0.27972 0.30333	3.31349 4.79164	240.21431 220.79962
11HR	1.34439 1.43952	0.19341 0.18673	4.96731 5.51354	177.29663 200.35344	-0.11524 -0.09424	0.10366 0.10502	1.63672 1.63096	0.24971 0.30106	5.60995 6.03850	180.33253 203.30261

2-26

	U5	W5	T5	Q5	U45	WTS	U2	42	T2	Q2
12HR	1.82259 1.36523	0.19006 0.13702	5.59351 5.77355	239.25536 239.64227	-0.07995 -0.09071	0.10633 0.03093	1.43162 1.45549	0.27774 0.23350	5.23039 5.75019	257.20120 245.52820
15HR	1.30623 1.41202	0.19489 0.12481	6.26831 6.39689	222.47354 204.27403	-0.13087 -0.11732	0.03531 0.07570	1.452039 1.55430	0.26752 0.30942	7.02233 7.21136	223.77512 219.67033
14HR	1.45197 1.12925	0.19682 0.13654	6.26488 6.07130	245.53780 233.08192	-0.05882 -0.07119	0.03403 0.03551	1.42359 1.53217	0.30337 0.26936	7.31830 7.23497	246.52072 231.98775
15HR	1.04837 0.82538	0.18902 0.18532	5.91349 5.55975	186.98752 249.42174	-0.06255 -0.04098	0.02382 0.00673	1.21407 0.94624	0.30796 0.28036	7.47735 7.10202	188.73333 252.52673
16HR	0.65151 0.35206	0.18034 0.18435	5.01375 3.61244	216.55047 223.26299	-0.02839 0.00034	-0.00341 -0.00158	1.00472 0.41740	0.28754 0.27820	5.37225 5.96906	219.57693 217.15225
17HR	0.26099 0.53505	0.13148 0.18237	1.13131 0.96447	106.95746 125.60474	0.00364 0.01372	0.00070 -0.00151	0.25123 0.69022	0.23739 0.27043	4.02054 3.91942	205.34285 592.09535
18HR	1.06242 0.83319	0.13955 0.12047	1.22331 0.77200	94.97066 114.61674	-0.03377 0.00137	-0.01105 -0.00300	1.40363 0.67039	0.23357 0.27369	4.01352 3.67127	451.11621 469.91772
19HR	0.69048 0.52255	0.17654 0.17310	-0.00833 -0.04200	37.65322 102.12035	0.00216 -0.00072	-0.00326 -0.00392	0.97748 0.70129	0.27351 0.25754	3.04693 2.63269	441.03271 453.74072
20HR	0.77158 0.79506	0.17300 0.17544	-0.01724 0.03660	106.49730 105.60243	-0.00349 -0.01342	-0.00561 -0.00765	1.01641 1.05037	0.25976 0.28626	2.68940 2.67442	460.54175 461.44800

2-25

	UX2	XT5	UT6	XT6	T15	D16	UW16	ATT16	ST2	ST10
20HR	-0.00031	-0.000923	1.04315	0.51039	-0.47779	433.45215	-0.00607	-0.01770	2.46291	5.75193
21HR	-0.00525	-0.01415	1.06700	0.51415	-1.52267	450.05635	-0.00739	-0.01634	2.35492	5.66311
22HR	-0.00542	-0.00696	0.43077	0.49350	-1.15700	406.63643	-0.02772	-0.00903	2.23402	5.60702
22HR	0.00691	0.00092	0.55166	0.51971	-2.35515	372.94185	0.00129	-0.01132	2.02692	5.53357
23HR	0.00744	0.00337	0.37012	0.50039	-1.51322	119.50075	0.00123	-0.00656	1.85427	5.46613
23HR	-0.00932	-0.00585	0.59842	0.49632	-0.55811	91.25243	-0.01917	-0.00501	1.83567	5.39069
23HR	-0.00966	-0.00619	0.60802	0.49292	-0.94027	90.02219	-0.03854	-0.00670	1.81620	5.31762
23HR	0.00070	-0.00219	0.84650	0.52910	-2.23092	215.78233	0.01170	-0.00585	1.73900	5.24551

2-26

	UX2	XT5	UT6	XT6	T15	D16	UW16	ATT16	ST2	ST10
0HR	-0.02505	-0.00028	0.77863	0.52352	-2.23264	244.03350	-0.00748	-0.00134	1.73229	5.19106
1HR	-0.01223	0.00171	0.42279	0.53902	-2.59575	312.55254	0.00442	-0.00031	1.71898	5.13320
2HR	0.01237	-0.00035	0.54027	0.53394	-3.57829	226.60634	0.00330	-0.00155	1.67404	5.06051
2HR	0.01705	-0.00159	0.33215	0.53371	-0.77174	295.14027	0.00499	0.00032	1.65350	5.00960
3HR	0.02252	0.00257	0.42416	0.51975	-4.5842	226.04203	0.00959	-0.00092	1.59529	4.97373
3HR	0.00617	0.00003	0.25709	0.51529	-4.13046	259.96265	0.00626	-0.00025	1.56424	4.92067
4HR	-0.00073	-0.00101	0.67262	0.53540	-6.02009	255.91069	-0.00631	-0.00052	1.53382	4.87006
4HR	-0.02078	-0.00131	0.75316	0.52692	-4.02809	260.26973	-0.00132	-0.00090	1.49980	4.81682
5HR	-0.01637	-0.00092	0.72758	0.53682	-6.04886	266.30884	-0.02667	-0.00351	1.45293	4.76909
5HR	0.00712	-0.00033	0.60664	0.53936	-4.52375	273.46411	0.00898	-0.00061	1.49051	4.72238
6HR	-0.01806	-0.00097	0.74712	0.52966	-6.58700	279.61787	-0.02416	-0.00192	1.09769	4.67589
6HR	-0.01612	-0.00080	0.57096	0.53051	-6.80429	286.26196	-0.02642	-0.00266	1.03113	4.62075
7HR	-0.01688	-0.00025	0.58017	0.54174	-4.99577	294.50879	-0.00651	-0.00191	0.95993	4.58209
7HR	-0.02752	-0.00070	0.53864	0.52679	-5.05213	271.76221	-0.02815	-0.00136	0.90267	4.53206
8HR	-0.05006	0.00583	0.68672	0.54608	-4.55953	293.20332	-0.03902	0.00238	0.92131	4.48635
8HR	-0.11183	0.01817	0.65771	0.55210	-3.59813	297.70215	-0.03811	0.01028	1.07982	4.44004
9HR	-0.06271	0.02706	0.67303	0.53610	-2.60624	267.83301	-0.07139	0.02532	1.40338	4.40260
9HR	-0.05246	0.04597	0.62237	0.57995	-1.51235	268.83154	-0.06914	0.04968	1.89667	4.38140
9HR	-0.02436	0.04902	0.91663	0.57704	0.30024	274.09937	-0.10090	0.06033	2.48695	4.39169
9HR	-0.10742	0.05716	1.26301	0.57637	0.60002	274.74316	-0.15562	0.06771	3.08778	4.44080
10HR	-0.03057	0.06918	1.35512	0.57617	1.64471	265.30859	-0.01294	0.06109	3.56851	4.52447
10HR	0.03642	0.09361	1.18798	0.50001	2.69620	234.20984	0.12832	0.06023	4.07217	4.63271
11HR	-0.00986	0.07977	1.62342	0.51100	3.51320	204.43884	-0.07108	0.06153	4.53811	4.76742
11HR	-0.01650	0.09233	1.63075	0.54815	3.54411	218.99097	0.02814	0.07293	4.95455	4.91402

2-26

	Jk2	WT5	U16	WT6	T15	D16	UW16	MT16	ST2	ST10
12HR	-0.12769 -0.15034	0.07897 0.07852	1.56474 1.65257	0.55770 0.53763	4.19622 4.40713	237.43555 245.49380	-0.02511 -0.03844	0.07321 0.06229	5.32764 5.64795	5.07197 5.22937
13HR	-0.22105 -0.15436	0.09839 0.06679	1.75801 1.63640	0.57142 0.57610	4.07533 4.35733	230.23731 235.39774	-0.01045 -0.03572	0.07300 0.06037	5.02231 5.10006	5.09337 5.34422
14HR	-0.09052 -0.08364	0.05486 0.03946	1.63295 1.41076	0.59738 0.57729	4.82138 4.99850	252.33936 236.88110	-0.01937 -0.01092	0.04700 0.05141	5.22356 6.24864	5.09555 5.33537
15HR	-0.11005 -0.09131	0.03047 0.01486	1.35925 1.17619	0.55905 0.58650	5.17135 4.30532	195.05695 252.58698	-0.05233 0.05551	0.02097 0.01114	6.10548 5.87477	5.96209 6.07362
16HR	-0.04651 -0.01097	0.00077 -0.00202	1.16215 0.53273	0.56161 0.51232	4.56034 3.67337	230.64922 211.03615	-0.01840 -0.00593	-0.00354 -0.00136	5.60698 5.29973	6.15546 6.20771
17HR	0.00939 0.00790	0.00058 -0.00637	0.31834 0.59255	0.53638 0.55030	1.70739 1.32340	203.23021 369.06323	0.00297 0.05859	-0.00343 0.00022	4.94020 4.47133	6.24473 6.25780
18HR	-0.04017 0.00733	-0.01400 -0.00545	1.07635 0.65662	0.52793 0.51456	1.70249 1.36930	451.27612 472.46606	-0.00259 -0.03274	-0.01633 -0.01335	4.10564 3.90106	6.23922 6.20395
19HR	-0.00509 -0.02555	-0.00552 -0.00522	0.36608 0.69496	0.50651 0.50675	0.77293 0.45032	446.21435 457.17505	-0.03122 -0.03111	-0.00768 -0.00346	3.65257 3.40307	6.15984 6.10335
20HR	-0.04023 -0.04529	-0.00672 -0.00738	0.97494 1.07317	0.51477 0.50639	0.61316 0.63339	460.93999 463.81055	-0.03023 -0.03705	-0.00316 -0.01055	3.19634 3.10693	6.04306 5.97373

	TA16	I	RN	G2				
2-25								
20HR	2.52734	-0.02144	-0.24607	-0.01123	0.0	0.0	0.0	0.0
	2.53333	-0.02333	-0.40313	-0.01347	0.0	0.0	0.0	0.0
21HR	3.27350	-0.05039	-0.15939	-0.00909	0.0	0.0	0.0	0.0
	3.73331	-0.00828	-0.54711	-0.01794	0.0	0.0	0.0	0.0
22HR	1.41426	0.05528	-2.47928	-0.02144	0.0	0.0	0.0	0.0
	2.41535	0.03794	-2.51539	-0.00622	0.0	0.0	0.0	0.0
23HR	2.01493	-0.01200	-4.02317	-0.03394	0.0	0.0	0.0	0.0
	0.92300	-0.06933	-3.42900	-0.09750	0.0	0.0	0.0	0.0

	TA16	I	RN	G2				
2-26								
0HR	0.24538	0.07517	-1.52722	-0.08594	0.0	0.0	0.0	0.0
	0.75155	-0.00767	-1.78755	-0.05841	0.0	0.0	0.0	0.0
1HR	-0.53513	-0.03997	-4.12735	-0.09933	0.0	0.0	0.0	0.0
	-1.53002	0.05233	-3.21300	-0.05100	0.0	0.0	0.0	0.0
2HR	-1.57227	0.04300	-1.95350	-0.02539	0.0	0.0	0.0	0.0
	-0.93613	0.04222	-1.50028	-0.051039	0.0	0.0	0.0	0.0
3HR	-0.74538	0.03378	-2.52272	-0.050035	0.0	0.0	0.0	0.0
	-0.67267	-0.00811	-2.69311	-0.04950	0.0	0.0	0.0	0.0
4HR	-0.67667	0.04294	-3.18839	-0.04923	0.0	0.0	0.0	0.0
	-0.92239	0.02400	-3.61369	-0.04966	0.0	0.0	0.0	0.0
5HR	-1.14344	0.03683	-3.38803	-0.049633	0.0	0.0	0.0	0.0
	-1.39162	0.06278	-3.34917	-0.049533	0.0	0.0	0.0	0.0
6HR	-1.60202	0.03061	-3.60639	-0.049344	0.0	0.0	0.0	0.0
	-1.71209	2.97222	-2.51005	-0.04891	0.0	0.0	0.0	0.0
7HR	-1.18691	3.69672	0.46900	-0.047194	0.0	0.0	0.0	0.0
	-0.30691	13.76849	3.49339	-0.04691	0.0	0.0	0.0	0.0
8HR	0.65416	20.93387	7.95733	-0.046700	0.0	0.0	0.0	0.0
	2.03980	28.52409	12.31944	-0.039533	0.0	0.0	0.0	0.0
9HR	5.63717	31.79605	13.74886	-0.03711	0.0	0.0	0.0	0.0
	4.36295	33.67253	15.22827	0.19933	0.0	0.0	0.0	0.0
10HR	5.42202	40.19727	18.42810	0.78173	0.0	0.0	0.0	0.0
	6.44744	43.20049	20.55237	1.19567	0.0	0.0	0.0	0.0
11HR	7.20186	44.90974	21.56894	1.64611	0.0	0.0	0.0	0.0
	7.07922	48.33804	23.76462	1.95111	0.0	0.0	0.0	0.0

2-26

	TA16	I	RN	G2						
12HR	3.30234 3.59395	44.05299 45.90799	20.54733 20.62633	2.17772 2.22673	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
13HR	3.95133 3.96773	44.34549 33.75764	21.04050 14.44650	2.20322 2.17322	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
14HR	8.96311 8.86953	27.06937 21.13060	10.31455 6.27394	1.92061 1.72633	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
15HR	8.69160 3.59339	17.20905 12.12572	3.56417 0.09644	1.43517 1.10322	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
16HR	8.36922 7.37966	7.20739 3.98622	-2.20467 -2.98622	0.75733 0.43694	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
17HR	5.25762 4.53768	1.39505 0.03806	-4.33594 -5.09517	0.17173 -0.05678	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
18HR	4.71033 4.48591	-0.09644 -0.04550	-3.76772 -5.01467	-0.25594 -0.44017	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
19HR	3.70396 3.36371	-0.03172 -0.04011	-3.02633 -4.98461	-0.53033 -0.60211	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
20HR	3.37969 3.44086	-0.01000 -0.06139	-4.52522 -4.17611	-0.61517 -0.60933	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0