

APPENDIX: STATION DATA AND RADIATION BUDGET RESULTS

ABBREVIATIONS:

TEMP: MONTHLY AVERAGE TEMPERATURE (°C)

N: TOTAL MONTHLY REAL SUNSHINE (hours)

QG: MONTHLY GLOBAL RADIATION (ly day^{-1})

RB: MONTHLY EFFECTIVE TERRESTRIAL RADIATION (ly day^{-1})

QN: MONTHLY NET RADIATION (ly day^{-1})

	TEMP	N	QG	RB	QN
RIO BRANCO - C	JAN 25.4	114	515	74	374
	FEB 25.5	94	524	71	385
	MAR 25.4	128	541	81	390
	APR 25.2	132	489	85	340
TROPICAL RAINFOREST	MAY 24.1	155	482	95	324
	JUN 24.1	173	438	105	276
ALBEDO = 0.13	JUL 23.7	215	519	120	332
	AUG 24.6	182	514	104	343
SUNSHINE (N) 1931/60	SEP 25.8	141	527	88	370
	OCT 25.7	164	565	93	399
MEASURED QG 1972/75	NOV 25.8	143	521	86	367
	DEC 25.6	118	515	75	373
	YEAR 25.1	1759	513	90	356

MACEIO - AL	JAN 26.5	281	485	134	264
	FEB 26.7	244	476	128	262
RESTINGA VEGETATION	MAR 26.6	240	442	120	242
	APR 26.1	216	400	117	211
	MAY 25.3	194	349	109	177
	JUN 24.3	186	329	110	160
ALBEDO = 0.18	JUL 23.7	199	339	113	165
	AUG 23.7	213	376	117	191
SUNSHINE (N) 1931/60	SEP 24.5	230	423	124	223
	OCT 25.3	268	464	131	249
ESTIMATED QG * 1931/60	NOV 25.9	282	484	137	260
* USING RECIFE	DEC 26.3	292	484	134	263
	YEAR 25.4	2845	421	123	222

CUPIXI - AP	JAN 22.5		269		
	FEB 22.1		305		
TROPICAL RAINFOREST	MAR 21.8		273		
	APR 21.4		270		
	MAY 21.5		261		
	JUN 21.5		280		
ALBEDO = 0.13	JUL 21.4		324		
	AUG 21.8		387		
	SEP 21.9		383		
	OCT 22.3		437		
ESTIMATED QG * 1961/70	NOV 22.9		354		
* USING METHOD INDIRECT	DEC 22.9		345		
	YEAR 22.0		324		

MACAPA - AP	JAN 26.3	165	272	94	145
	FEB 26.4	119	299	81	182
MANGROVE	MAR 26.1	90	265	67	166
	APR 26.3	112	223	76	120
	MAY 26.8	142	210	85	100
	JUN 26.7	192	322	105	178
ALBEDO = 0.12	JUL 27.5	229	327	115	173
	AUG 29.3	285	275	132	110
SUNSHINE (N) 1969/74	SEP 28.3	276	338	133	164
	OCT 26.3	296	410	137	224
MEASURED QG 1969/74	NOV 28.0	258	265	127	106
	DEC 27.3	221	291	113	143
	YEAR 27.3	2385	291	105	151

	TEMP	N	QG	RB	QN
BARCELOS - AM	JAN 26.1	170	427	95	276
	FEB 26.2	153	440	95	288
	MAR 26.3	165	436	94	285
MEADOW FOREST	APR 25.8	141	392	88	253
	MAY 25.6	153	380	91	240
	JUN 25.5	159	381	95	236
ALBEDO = 0.13	JUL 25.4	168	391	96	244
	AUG 26.0	176	423	98	270
SUNSHINE (N) 1931/60	SEP 26.0	192	477	106	309
	OCT 26.4	195	477	104	311
ESTIMATED QG * 1931/60	NOV 26.5	179	509	100	343
* USING MANAUS	DEC 26.6	177	432	97	279
	YEAR 26.0	2028	430	97	278

	JAN 25.8	172	440	96	287
BENJAMIN CONSTANT - AM	FEB 25.8	154	448	96	294
	MAR 25.9	165	436	94	285
	APR 25.8	155	408	93	262
TROPICAL RAINFOREST	MAY 25.6	158	378	93	236
	JUN 25.2	142	346	90	211
	JUL 25.1	162	372	95	229
ALBEDO = 0.13	AUG 25.8	174	412	98	260
	SEP 26.0	192	474	106	306
SUNSHINE (N) 1931/60	OCT 26.1	196	482	105	314
	NOV 26.2	181	463	101	302
ESTIMATED QG * 1931/60	DEC 26.0	180	447	98	291
* USING MANAUS	YEAR 25.8	2031	426	97	273

	JAN 25.2	124	370	80	242
COARI - AM	FEB 25.2	123	394	84	259
	MAR 25.4	105	343	73	225
MEADOW FOREST	APR 25.2	112	342	77	221
	MAY 25.3	174	400	99	249
	JUN 25.3	210	440	116	267
ALBEDO = 0.13	JUL 25.4	250	492	128	300
	AUG 26.0	249	519	125	327
SUNSHINE (N) 1931/60	SEP 26.0	217	513	116	330
	OCT 25.9	185	465	101	304
ESTIMATED QG * 1931/60	NOV 25.9	162	434	94	284
* USING MANAUS	DEC 25.6	145	394	86	257
	YEAR 25.5	2056	426	98	272

	JAN 24.8	171	433	97	280
FORTE BOA - AM	FEB 24.9	153	443	97	288
	MAR 24.9	161	430	94	280
MEADOW FOREST	APR 24.8	155	412	94	264
	MAY 24.7	156	380	93	238
	JUN 24.5	158	374	96	229
ALBEDO = 0.13	JUL 24.3	167	384	98	236
	AUG 24.9	175	418	100	264
SUNSHINE (N) 1931/60	SEP 25.2	188	469	106	302
	OCT 25.3	188	468	103	304
ESTIMATED QG * 1931/60	NOV 25.3	176	451	101	291
* USING MANAUS	DEC 25.2	186	451	102	290
	YEAR 24.9	2034	426	98	272

	TEMP	N	QG	RB	3N
IAUARETE - AM	JAN 25.2	135	370	84	238
	FEB 25.2	112	367	80	239
	MAR 25.3	120	365	78	240
TROPICAL RAINFOREST	APR 25.1	105	338	75	219
	MAY 24.9	112	327	76	208
	JUN 24.4	109	315	77	197
ALBEDO = 0.13	JUL 24.1	120	330	80	207
	AUG 24.5	146	383	89	244
SUNSHINE (N) 1931/60	SEP 25.1	156	421	94	272
	OCT 25.3	146	400	88	260
ESTIMATED QG * 1931/60	NOV 25.5	142	390	88	251
* USING MANAUS	DEC 25.3	142	375	87	239
	YEAR 25.0	1545	365	83	235

	JAN 25.9	141	458	86	312
MANAUS - AM	FEB 25.8	112	353	79	228
	MAR 25.8	113	336	75	217
MEADOW FOREST	APR 25.8	112	320	77	201
	MAY 26.4	171	418	96	268
	JUN 26.6	200	422	110	257
ALBEDO = 0.13	JUL 26.9	244	493	123	306
	AUG 27.5	264	530	128	333
SUNSHINE (N) 1931/60	SEP 27.9	217	559	113	373
	OCT 27.7	204	459	105	294
MEASURED QG * 1976	NOV 27.3	176	432	98	278
* USING PYRANOMETER EPPLEY	DEC 26.7	152	380	88	243
	YEAR 26.7	2106	430	98	276

	JAN 27.0	158	415	90	271
PARINTINS - AM	FEB 26.6	122	390	83	256
	MAR 26.8	125	374	78	247
MEADOW FOREST	APR 26.8	135	381	85	246
	MAY 27.0	175	406	97	256
	JUN 27.0	198	430	108	266
ALBEDO = 0.13	JUL 27.2	220	457	113	285
	AUG 28.2	263	545	127	347
SUNSHINE (N) 1941/60	SEP 28.8	257	576	126	375
	OCT 29.0	250	564	119	372
ESTIMATED QG * 1941/60	NOV 28.3	200	489	106	319
* USING MANAUS	DEC 27.7	178	439	96	286
	YEAR 27.5	2281	456	102	294

	JAN 25.4	161	412	94	264
UAUPES - AM	FEB 25.5	156	443	97	288
	MAR 25.6	161	430	93	281
MEADOW FOREST	APR 25.3	145	400	89	259
	MAY 25.0	154	384	91	243
	JUN 24.5	149	370	92	230
ALBEDO = 0.13	JUL 24.3	165	390	96	243
	AUG 24.8	188	442	104	281
SUNSHINE (N) 1931/60	SEP 25.4	200	489	110	315
	OCT 25.6	191	469	104	304
ESTIMATED QG * 1931/60	NOV 25.9	182	454	102	293
* USING MANAUS	DEC 25.5	172	422	97	270
	YEAR 25.2	2024	425	97	273

	TEMP	N	QG	RB	QN
ALAGUINHAS - BA	JAN	26.1	239	542	
	FEB	26.2	185	499	
	MAR	25.9	202	468	
BUSH SAVANNA	APR	25.1	174	389	
	MAY	24.0	155	326	
	JUN	23.1	165	317	
ALBEDO = 0.27	JUL	22.6	183	351	
	AUG	23.0	174	397	
SUNSHINE (N) 1974/76	SEP	24.1	180	426	
	OCT	25.0	208	452	
ESTIMATED QG * 1974/76	NOV	25.4	216	508	
* USING SALVADOR	DEC	25.7	236	511	
	YEAR	24.7	2317	432	

	JAN	26.7	270	565	127	269
BARRA - BA	FEB	26.8	251	558	132	259
	MAR	26.6	256	504	126	227
CAATINGA	APR	26.4	278	468	141	187
	MAY	25.5	299	439	150	157
	JUN	24.5	304	434	159	145
ALBEDO = 0.30	JUL	24.1	319	452	161	155
	AUG	25.0	329	506	160	194
SUNSHINE (N) 1931/60	SEP	27.2	288	534	142	232
	OCT	28.6	285	568	132	266
ESTIMATED QG * 1945/55	NOV	27.5	245	520	120	244
* USING IRECE	DEC	26.4	242	518	118	245
	YEAR	26.3	3366	506	139	215

	JAN	24.9	242	541	120	259
BARREIRAS - BA	FEB	25.0	193	519	112	251
	MAR	24.8	236	485	122	218
CAATINGA	APR	24.3	234	482	127	210
	MAY	23.2	257	428	139	161
	JUN	22.1	288	435	158	147
ALBEDO = 0.30	JUL	21.8	291	435	156	149
	AUG	23.0	310	496	158	189
SUNSHINE (N) 1974/76	SEP	24.6	261	497	136	212
	OCT	25.3	183	445	101	211
MEASURED QG 1974/76	NOV	25.0	183	471	102	228
	DEC	24.8	232	505	116	238
	YEAR	24.1	2910	478	129	206

	JAN	24.8	254	537	123	253
BOM JESUS DA LAPA - BA	FEB	24.9	224	504	123	230
	MAR	24.6	242	493	124	221
CAATINGA	APR	23.9	234	429	128	172
	MAY	22.7	270	397	144	134
	JUN	21.5	273	380	152	114
ALBEDO = 0.30	JUL	21.2	291	407	155	130
	AUG	22.3	301	458	155	166
SUNSHINE (N) 1969/77	SEP	23.8	264	476	138	195
	OCT	24.6	205	454	108	210
MEASURED QG 1969/77	NOV	24.6	195	465	106	220
	DEC	24.5	251	477	122	212
	YEAR	23.6	3004	456	132	188

	TEMP	N	QG	RB	QN
CAETITE - BA	JAN 22.0	208	604	127	296
	FEB 22.3	206	570	125	274
CAATINGA	MAR 22.4	208	524	132	235
	APR 21.6	205	455	121	198
	MAY 20.4	222	408	139	147
	JUN 19.2	221	421	141	154
ALBEDO = 0.30	JUL 18.7	234	408	139	147
	AUG 19.5	262	490	150	193
SUNSHINE (N) 1931/60	SEP 21.6	244	522	137	228
	OCT 22.8	225	454	112	206
MEASURED QG 1974/76	NOV 22.2	164	497	106	242
	DEC 22.1	177	577	116	288
	YEAR 21.2	2576	494	129	217

CANAVIEIRAS - BA	JAN 26.4	254	547		
	FEB 26.5	221	532		
CAATINGA	MAR 26.1	236	494		
	APR 25.0	195	399		
	MAY 23.6	205	358		
	JUN 22.5	204	338		
ALBEDO = 0.30	JUL 21.9	205	361		
	AUG 22.3	220	405		
SUNSHINE (N) 1974/76	SEP 23.4	207	458		
	OCT 24.5	180	442		
ESTIMATED QG * 1974/76	NOV 25.2	168	461		
* USING ILHEUS E SALVADOR	DEC 25.8	242	535		
	YEAR 24.4	2537	444		

CARAVELAS - BA	JAN 25.5	285	577	130	343
	FEB 25.7	232	554	125	329
RESTINGA VEGETATION	MAR 25.4	232	467	118	265
	APR 24.5	225	406	124	209
	MAY 22.9	211	354	121	169
	JUN 21.7	195	314	121	136
ALBEDO = 0.18	JUL 20.8	211	335	126	149
	AUG 21.2	236	385	132	184
SUNSHINE (N) 1974/76	SEP 22.2	201	408	116	219
	OCT 23.5	177	408	100	235
MEASURED QG 1974/76	NOV 24.2	168	438	95	264
	DEC 23.0	229	539	115	327
	YEAR 23.6	2602	432	119	236

CIPD - BA	JAN 26.1	260	551		
	FEB 26.2	218	526		
CAATINGA	MAR 25.9	223	496		
	APR 25.4	186	410		
	MAY 24.4	174	353		
	JUN 23.5	171	331		
ALBEDO = 0.30	JUL 23.0	186	355		
	AUG 23.5	208	414		
SUNSHINE (N) 1974/76	SEP 24.6	210	464		
	OCT 25.4	236	501		
ESTIMATED QG * 1974/76	NOV 25.6	246	528		
* SALVADOR, M. SANTO, PROPRIA	DEC 25.8	267	544		
	YEAR 25.0	2585	456		

	TEMP	N	GG	RB	QN
CRUZ DAS ALMAS - BA	JAN 25.9	236	539		
	FEB 26.0	190	506		
BUSH SAVANNA	MAR 25.7	220	486		
	APR 25.1	174	390		
	MAY 24.0	161	331		
ALBEDO = 0.27	JUN 22.9	165	317		
	JUL 22.4	161	334		
SUNSHINE (N) 1974/76	AUG 23.1	180	401		
	SEP 24.5	171	416		
ESTIMATED GG * 1974/76	OCT 25.3	189	434		
* USING SALVADOR	NOV 25.4	189	480		
	DEC 25.5	223	498		
	YEAR 24.7	2259	428		

GUARATINGA - BA	JAN 24.9	245	529	119	341
	FEB 25.0	179	497	105	327
ATLANTIC RAINFOREST	MAR 24.6	195	446	107	281
	APR 23.4	189	401	112	237
	MAY 21.8	189	326	114	170
ALBEDO = 0.13	JUN 20.6	180	316	116	159
	JUL 20.1	174	324	110	172
SUNSHINE (N) 1974/76	AUG 20.8	202	381	120	211
	SEP 22.2	171	385	105	230
MEASURED GG 1974/76	OCT 23.3	146	391	89	251
	NOV 23.8	138	406	86	267
	DEC 24.3	192	481	102	316
	YEAR 22.9	2200	407	107	247

ILHEUS - BA	JAN 25.9	252	543	119	326
	FEB 26.1	224	520	119	307
RESTINGA VEGETATION	MAR 25.9	218	500	120	290
	APR 25.2	201	402	109	221
	MAY 23.8	210	362	114	183
ALBEDO = 0.18	JUN 22.7	191	343	120	161
	JUL 22.0	198	349	114	172
SUNSHINE (N) 1931/60	AUG 22.4	220	410	122	214
	SEP 23.4	210	486	120	279
MEASURED GG 1974/76	OCT 24.4	223	463	106	274
	NOV 24.9	194	490	102	300
	DEC 25.5	227	552	124	329
	YEAR 24.4	2568	452	116	255

IRECE - BA	JAN 23.4	270	537	133	243
	FEB 23.5	232	507	130	225
CAATINGA	MAR 23.2	248	491	129	215
	APR 22.6	237	439	131	176
	MAY 21.5	232	375	130	133
ALBEDO = 0.30	JUN 20.5	207	404	126	157
	JUL 20.2	267	403	147	135
SUNSHINE (N) 1974/76	AUG 21.4	291	475	154	179
	SEP 22.9	270	523	144	222
MEASURED GG 1974/76	OCT 23.7	245	503	127	225
	NOV 23.5	228	515	121	240
	DEC 23.2	264	547	130	253
	YEAR 22.5	2991	477	134	200

	TEMP	N	QG	RB	QN
ITIRUCU - BA	JAN 22.7	189	501		
	FEB 22.8	162	483		
BUSH SAVANNA	MAR 22.3	161	439		
	APR 21.4	150	374		
	MAY 20.0	121	306		
	JUN 19.0	162	320		
ALBEDO = 0.30	JUL 18.6	143	322		
	AUG 19.7	136	359		
SUNSHINE (N) 1974/76	SEP 21.1	150	411		
	OCT 22.1	130	382		
ESTIMATED QG * 1974/76	NOV 22.3	132	432		
* USING SALVADOR E CAETITE	DEC 22.4	198	491		
	YEAR 21.2	1834	402		

ITUACU - BA	JAN 23.9	254	580		
	FEB 23.9	240	561		
CAATINGA	MAR 23.5	220	505		
	APR 22.5	186	421		
	MAY 21.1	189	370		
	JUN 20.1	198	354		
ALBEDO = 0.30	JUL 19.7	174	350		
	AUG 20.6	220	435		
SUNSHINE (N) 1974/76	SEP 21.8	219	491		
	OCT 22.8	174	438		
ESTIMATED QG * 1974/76	NOV 23.2	174	484		
* USING SALVADOR E CAETITE	DEC 23.5	248	561		
	YEAR 22.2	2496	463		

JUAZEIRO - BA	JAN 25.5	235	504	114	239
	FEB 25.6	210	528	118	252
CAATINGA	MAR 25.5	210	492	114	230
	APR 25.3	235	472	125	205
	MAY 24.4	235	435	118	187
	JUN 23.5	220	402	121	160
ALBEDO = 0.30	JUL 23.2	215	424	126	171
	AUG 24.0	235	491	140	204
SUNSHINE (N) 1969/71	SEP 25.4	240	551	138	248
	OCT 26.1	265	568	133	265
MEASURED QG 1967/71	NOV 25.7	230	536	119	256
	DEC 25.4	235	490	111	232
	YEAR 25.0	2765	491	123	221

LENCOIS - BA	JAN 24.7	211	537	110	282
	FEB 24.8	179	540	107	287
BUSH SAVANNA	MAR 24.5	186	496	104	258
	APR 23.8	174	442	105	218
	MAY 22.6	149	368	96	173
	JUN 21.6	159	342	103	147
ALBEDO = 0.27	JUL 21.2	152	347	99	154
	AUG 22.1	183	413	109	192
SUNSHINE (N) 1974/76	SEP 23.5	177	444	104	220
	OCT 24.3	127	403	81	213
MEASURED QG 1974/76	NOV 24.4	129	424	82	228
	DEC 24.4	174	498	96	268
	YEAR 23.5	2000	438	100	220

		TEMP	N	QG	RB	QN
MANDACARU - BA		JAN	25.0	439		
		FEB	25.1	448		
		MAR	24.8	429		
	CAATINGA	ABR	24.4	436		
		MAY	23.6	386		
		JUN	22.8	368		
	ALBEDO = 0.30	JUL	22.4	398		
		AGO	23.0	448		
		SET	24.1	495		
		OCT	24.9	493		
	MEASURED QG	NOV	24.9	474		
	1967/73	DEZ	24.9	420		
		ANO	24.2	436		
MONTE SANTO - BA		JAN	25.4	217	493	
		FEB	25.5	204	486	
		MAR	25.1	226	456	
	CAATINGA	APR	24.1	189	377	
		MAY	22.4	158	318	
		JUN	21.1	153	307	
	ALBEDO = 0.30	JUL	20.2	174	322	
		AUG	20.5	183	381	
	SUNSHINE (N)	SEP	22.3	186	435	
	1974/76	OCT	24.0	223	495	
	MEASURED QG	NOV	24.9	222	493	
	1974/76	DEC	25.3	236	488	
		YEAR	23.4	2371	421	
MORRO DO CHAPEU - BA		JAN	22.1	208	494	
		FEB	22.2	179	477	
		MAR	21.8	180	444	
	CAATINGA	APR	21.2	171	385	
		MAY	20.0	158	337	
		JUN	19.0	171	345	
	ALBEDO = 0.30	JUL	18.8	161	330	
		AUG	20.1	198	417	
	SUNSHINE (N)	SEP	21.6	180	432	
	1974/76	OCT	22.4	161	413	
	ESTIMATED QG *	NOV	22.3	162	456	
	1974/76	DEC	22.0	205	486	
	* USING IRECE	YEAR	21.1	2134	418	
PARATINGA - BA		JAN	25.8	238	543	118
		FEB	25.7	243	521	130
		MAR	25.8	219	491	114
	CAATINGA	APR	25.9	260	448	135
		MAY	25.1	281	406	144
		JUN	24.4	277	399	149
	ALBEDO = 0.30	JUL	24.3	280	402	147
		AUG	25.6	305	443	151
	SUNSHINE (N)	SEP	27.5	252	477	128
	1931/60	OCT	28.3	247	514	119
	ESTIMATED QG *	NOV	26.4	203	497	107
	1952/62	DEC	25.6	224	508	112
	* USING BCM JESUS DA LAPA	YEAR	25.9	3029	471	130

	TEMP	N	QG	RB	QN
PAULO AFONSO - BA	JAN 25.9	273	534	130	244
	FEB 26.0	224	517	123	239
CAATINGA	MAR 25.9	229	480	117	219
	APR 25.6	219	444	119	192
	MAY 24.7	180	370	104	155
ALBEDO = 0.30	JUN 23.8	168	336	104	131
	JUL 23.5	158	341	97	142
SUNSHINE (N) 1974/76	AUG 24.0	236	437	126	180
	SEP 25.2	225	458	121	200
MEASURED QG 1974/76	OCT 25.9	273	524	132	235
	NOV 25.9	264	534	131	243
	DEC 25.7	282	537	133	243
	YEAR 25.2	2731	459	120	202

SALVADOR - BA	JAN 26.2	257	519	122	335
	FEB 26.6	228	498	123	315
URBAN AREA	MAR 26.6	221	484	120	306
	APR 26.0	198	383	109	228
	MAY 24.9	180	316	100	178
ALBEDO = 0.12	JUN 24.1	192	298	109	153
	JUL 23.3	187	329	110	180
SUNSHINE (N) 1931/60	AUG 23.3	212	388	109	232
	SEP 23.9	208	444	122	269
MEASURED QG 1969/74	OCT 24.8	232	450	115	281
	NOV 25.2	216	494	116	319
	DEC 25.7	241	516	122	332
	YEAR 25.0	2572	427	115	261

SAO GONCALO DE CAMPOS - BA	JAN 25.5	251	472	122	223
	FEB 25.6	219	463	121	217
BUSH SAVANNA	MAR 25.3	225	431	117	198
	APR 24.6	189	378	106	168
	MAY 23.4	161	322	99	136
ALBEDO = 0.27	JUN 22.4	166	307	106	118
	JUL 21.9	165	311	104	123
SUNSHINE (N) 1926/42	AUG 22.5	191	355	111	148
	SEP 23.7	200	402	114	179
ESTIMATED QG * 1926/42	OCT 24.6	231	444	118	206
* USING RECIFE	NOV 24.9	220	455	115	217
	DEC 25.2	242	465	119	220
	YEAR 24.1	2460	400	113	179

SENHOR DO BONFIM - BA	JAN 24.4	226	494		
	FEB 24.5	179	460		
CAATINGA	MAR 24.3	205	460		
	APR 23.9	159	364		
	MAY 22.9	146	321		
ALBEDO = 0.30	JUN 21.9	144	294		
	JUL 21.6	146	309		
SUNSHINE (N) 1974/76	AUG 22.6	186	362		
	SEP 24.0	177	409		
ESTIMATED QG * 1974/76	OCT 24.7	192	446		
* USING MONTE SANTO	NOV 24.5	195	452		
	DEC 24.3	239	496		
	YEAR 23.6	2194	406		

	TEMP	N	QG	RB	QN
SERRINHA - BA	JAN 25.1	232	517		
	FEB 25.3	202	498		
CAATINGA	MAR 25.0	214	474		
	APR 24.4	183	393		
	MAY 23.3	149	318		
	JUN 22.3	156	306		
ALBEDO = 0.30	JUL 21.9	186	347		
	AUG 22.5	186	382		
SUNSHINE (N) 1974/76	SEP 23.8	189	429		
	OCT 24.7	211	460		
ESTIMATED QG * 1974/76	NOV 24.8	219	490		
* USING SALVADOR, M. SANTO	DEC 24.9	267	529		
	YEAR 24.0	2394	429		

VITORIA DA CONQUISTA - BA	JAN 21.6		475		
	FEB 21.7		448		
CAATINGA	MAR 21.2		465		
	APR 20.1		373		
	MAY 18.5		318		
	JUN 17.4		295		
ALBEDO = 0.30	JUL 17.1		304		
	AUG 18.4		415		
	SEP 20.0		347		
	OCT 21.1		368		
MEASURED QG 1975/77	NOV 21.2		403		
	DEC 21.2		462		
	YEAR 19.9		389		

BARBALHA - CE	JAN 25.5	220	561	113	280
	FEB 25.6	172	472	103	227
CAATINGA	MAR 25.6	176	432	99	203
	APR 25.6	190	401	107	174
	MAY 24.9	230	342	122	117
	JUN 24.1	224	322	125	100
ALBEDO = 0.30	JUL 23.8	232	313	125	94
	AUG 24.6	290	424	145	152
SUNSHINE (N) 1973/75	SEP 25.9	275	515	138	223
	OCT 26.5	266	583	129	279
MEASURED QG 1973/75	NOV 26.0	257	588	128	284
	DEC 25.5	248	566	122	274
	YEAR 25.3	2780	460	121	201

CRATEUS - CE	JAN 25.7	184	409	100	186
	FEB 25.7	158	441	97	212
CAATINGA	MAR 25.7	162	403	93	189
	APR 25.7	140	361	88	165
	MAY 25.3	188	379	105	160
	JUN 24.7	209	384	117	152
ALBEDO = 0.30	JUL 24.4	227	434	121	183
	AUG 24.9	296	513	145	214
SUNSHINE (N) 1973/74	SEP 25.8	261	517	133	229
	OCT 26.3	268	535	130	245
MEASURED QG 1973/74	NOV 26.1	255	499	128	221
	DEC 25.8	211	441	109	200
	YEAR 25.5	2559	443	114	196

		TEMP	N	GG	RB	QN
	JAN	27.2	238	429	115	263
FORTALEZA - CE	FEB	27.2	188	376	102	229
	MAR	26.8	166	327	92	196
URBAN AREA	APR	26.8	169	319	88	193
	MAY	26.7	222	414	115	249
	JUN	26.1	234	376	123	208
ALBEDO = 0.12	JUL	26.0	266	394	121	226
	AUG	26.0	288	486	143	285
SUNSHINE (N) 1931/60	SEP	26.4	278	543	145	333
	OCT	26.8	292	548	143	339
MEASURED GG 1972/74	NOV	26.9	275	521	143	315
	DEC	27.2	266	487	130	299
	YEAR	26.7	2882	435	122	261

GUARAMIRANGA - CE	JAN	21.3	176	359	103	148
	FEB	21.2	128	320	92	132
CAATINGA	MAR	20.9	116	281	82	115
	APR	20.8	123	282	86	111
	MAY	20.4	150	292	97	107
ALBEDO = 0.30	JUN	19.7	167	306	107	107
	JUL	19.6	210	357	122	128
	AUG	19.9	239	416	131	160
SUNSHINE (N) 1931/60	SEP	20.4	236	447	132	181
	OCT	20.8	234	444	127	184
ESTIMATED GG * 1931/60	NOV	21.1	216	425	122	176
* USING FORTALEZA	DEC	21.3	207	397	115	163
	YEAR	20.6	2202	361	110	143

IGUATU - CE	JAN	28.4	220	475	108	225
	FEB	27.4	172	449	100	214
CAATINGA	MAR	26.6	180	431	99	203
	APR	26.3	202	435	110	195
	MAY	26.0	241	433	124	179
ALBEDO = 0.30	JUN	25.8	234	413	124	165
	JUL	26.0	264	441	132	177
	AUG	27.0	289	497	139	209
SUNSHINE (N) 1931/60	SEP	28.2	276	528	134	236
	OCT	29.0	270	529	126	244
ESTIMATED GG * 1931/60	NOV	29.2	246	511	119	239
* USING POMBAL	DEC	29.1	241	495	115	232
	YEAR	27.4	2835	470	119	210

JAGUARJANA - CE	JAN	26.9	245	381	120	192
	FEB	27.0	223	367	121	180
RESTINGA VEGETATION	MAR	26.9	218	354	112	178
	APR	26.9	196	350	106	181
	MAY	26.6	265	354	131	159
ALBEDO = 0.18	JUN	26.1	255	341	132	148
	JUL	25.7	257	375	130	178
	AUG	25.7	270	426	134	215
SUNSHINE (N) 1969/73	SEP	26.3	304	456	148	226
	OCT	26.9	318	481	147	247
MEASURED GG 1969/73	NOV	27.0	292	489	140	261
	DEC	27.0	322	466	147	235
	YEAR	26.6	3165	403	131	200

	TEMP	N	QG	RB	QN
MONDUBIM - CE	JAN 26.8	230	435	116	228
	FEB 26.9	179	398	104	210
	MAR 26.8	160	342	92	178
GRASSLANDS	APR 26.9	153	324	90	166
	MAY 26.6	206	363	110	177
	JUN 26.2	247	407	128	194
ALBEDO = 0.21	JUL 25.8	273	435	135	209
	AUG 25.8	312	511	149	255
SUNSHINE (N) 1920/30	SEP 26.4	287	519	141	269
	OCT 26.9	293	526	139	277
ESTIMATED QG * 1920/30	NOV 27.0	287	527	139	277
* USING FORTALEZA	DEC 26.9	270	483	129	253
	YEAR 26.6	2897	439	123	224

	JAN 27.0		413		
MORADA NOVA - CE	FEB 27.1		397		
	MAR 27.0		398		
GRASSLANDS	APR 27.1		380		
	MAY 26.6		347		
	JUN 25.9		373		
ALBEDO = 0.21	JUL 25.5	196	371		
	AUG 25.8	268	430		
SUNSHINE (N) 1974/75	SEP 26.7	276	465		
	OCT 27.2	282	493		
MEASURED QG 1974/75	NOV 27.2	280	448		
	DEC 27.0	234	427		
	YEAR 26.7		412		

	JAN 29.0	232	392	109	165
QUIXERAMOBIM - CE	FEB 28.4	198	459	112	209
	MAR 27.6	202	407	111	174
CAATINGA	APR 27.1	206	407	109	176
	MAY 26.7	230	413	120	169
	JUN 26.5	234	362	119	134
ALBEDO = 0.30	JUL 26.9	266	381	131	136
	AUG 27.7	296	441	132	177
SUNSHINE (N) 1931/60	SEP 28.3	283	473	140	191
	OCT 28.6	294	508	133	223
MEASURED QG 1970/74	NOV 28.7	262	473	129	202
	DEC 29.1	257	459	125	196
	YEAR 27.9	2960	431	123	179

	JAN 28.7	186	482	105	232
SOBRAL - CE	FEB 27.9	156	519	108	255
	MAR 26.7	152	442	96	213
CAATINGA	APR 26.9	159	529	96	274
	MAY 26.9	189	406	108	176
	JUN 27.3	201	399	117	162
ALBEDO = 0.30	JUL 27.6	233	417	121	171
	AUG 28.1	262	454	129	189
SUNSHINE (N) 1931/60	SEP 28.7	253	509	134	222
	OCT 29.0	250	504	130	223
MEASURED QG 1969/73	NOV 29.1	220	486	128	212
	DEC 28.9	204	461	121	202
	YEAR 28.0	2465	467	116	211

		TEMP	N	QG	RB	QN
BRASILIA - DF	JAN	21.5	184	382	103	233
	FEB	21.6	148	363	97	222
URBAN AREA	MAR	21.3	185	383	107	230
	APR	20.5	204	363	122	197
ALBEDO = 0.12	MAY	18.8	243	358	141	174
	JUN	17.4	255	315	154	123
SUNSHINE (N) 1965/75	JUL	17.3	268	384	155	183
	AUG	19.4	272	404	150	206
MEASURED QG 1965/75	SEP	21.7	216	372	123	204
	OCT	22.5	162	334	96	198
	NOV	21.9	150	358	92	223
	DEC	21.3	145	391	88	256
	YEAR	20.4	2432	367	119	204

SAO MATEUS - ES	JAN	26.1	260	379	121	205
	FEB	26.2	227	391	121	215
SUBTROPICAL FOREST	MAR	25.7	204	330	108	176
	APR	24.2	213	272	120	114
ALBEDO = 0.14	MAY	22.5	212	247	123	89
	JUN	21.2	198	215	123	62
SUNSHINE (N) 1972/75	JUL	20.6	206	239	124	82
	AUG	21.1	220	275	127	110
MEASURED QG 1972/75	SEP	22.4	154	275	97	140
	OCT	23.6	131	279	83	157
	NOV	24.4	148	326	88	192
	DEC	25.3	192	362	99	212
	YEAR	23.6	2365	299	111	146

VITORIA - ES	JAN	25.7	236	380	114	198
	FEB	26.0	225	376	120	188
RESTINGA VEGETATION	MAR	25.7	217	329	112	158
	APR	24.3	196	280	113	117
ALBEDO = 0.18	MAY	22.9	213	247	124	79
	JUN	21.9	206	226	127	58
SUNSHINE (N) 1931/60	JUL	21.0	202	229	122	66
	AUG	21.4	225	272	129	94
ESTIMATED QG * 1931/60	SEP	22.2	177	290	106	132
	OCT	23.0	165	313	95	162
* USING SAO MATEUS	NOV	23.7	148	325	89	178
	DEC	24.7	170	342	92	188
	YEAR	23.5	2380	301	112	135

ARAGARCAS - GO	JAN	25.1	173	379	94	243
	FEB	25.2	175	399	103	252
ANNUAL CROP	MAR	24.9	184	367	102	225
	APR	24.1	231	387	127	217
ALBEDO = 0.11	MAY	22.6	262	368	143	185
	JUN	21.3	262	351	149	163
SUNSHINE (N) 1970/74	JUL	21.0	280	369	153	175
	AUG	22.7	257	384	138	204
ESTIMATED QG * 1970/74	SEP	24.6	174	344	101	205
	OCT	25.3	187	380	102	236
* USING BRASILIA	NOV	25.0	176	387	98	246
	DEC	24.9	164	367	90	237
	YEAR	23.9	2525	374	117	216

	TEMP	N	QG	RB	QN
CATALAO - GO	JAN 22.3	183	394	100	251
	FEB 22.6	171	394	104	247
	MAR 22.3	207	389	115	231
ANNUAL CROPS	APR 21.4	236	386	135	209
	MAY 19.8	264	359	149	171
	JUN 18.8	268	344	159	147
ALBEDO = 0.11	JUL 18.7	284	360	160	160
	AUG 20.9	288	405	155	205
SUNSHINE (N) 1931/60	SEP 22.7	226	397	125	228
	OCT 23.0	205	399	111	244
ESTIMATED QG * 1931/60	NOV 22.6	181	394	103	248
* USING BRASILIA	DEC 22.1	160	366	92	234
	YEAR 21.4	2673	382	126	215

	JAN 22.0	180	388	101	244
FORMOSA - GO	FEB 22.1	159	378	101	235
	MAR 21.9	187	370	108	221
ANNUAL CROPS	APR 21.5	222	380	127	211
	MAY 20.1	270	377	150	186
	JUN 19.0	280	370	161	168
ALBEDO = 0.11	JUL 18.9	298	387	164	180
	AUG 20.7	303	431	159	225
SUNSHINE (N) 1931/60	SEP 22.8	236	415	129	240
	OCT 22.9	201	396	109	243
ESTIMATED QG * 1931/60	NOV 21.9	143	345	89	218
* USING BRASILIA	DEC 21.6	135	334	85	212
	YEAR 21.3	2614	381	124	215

	JAN 22.8	177	385	98	245
GOIANIA - GO	FEB 23.0	162	382	101	239
	MAR 22.8	188	370	107	222
ANNUAL CROPS	APR 22.2	232	386	130	214
	MAY 20.4	267	368	148	180
	JUN 18.9	275	359	160	160
ALBEDO = 0.11	JUL 18.8	288	373	162	170
	AUG 21.2	299	422	158	218
SUNSHINE (N) 1931/60	SEP 23.2	211	384	119	223
	OCT 23.6	207	401	111	246
ESTIMATED QG * 1931/60	NOV 23.0	178	389	101	245
* USING BRASILIA	DEC 22.7	161	366	93	233
	YEAR 21.9	2645	382	124	216

	JAN 23.8				
GOIAS - GO	FEB 23.9				
	MAR 24.1				
WOODED SAVANNA (CERRADO)	APR 24.2				
	MAY 22.9				
	JUN 21.7	274	361		
ALBEDO = 0.19	JUL 21.3	291	378		
	AUG 23.1	266	393		
SUNSHINE (N) 1974	SEP 25.0	216	391		
	OCT 24.9				
ESTIMATED QG * 1974	NOV 24.3				
* USING BRASILIA	DEC 23.8				
	YEAR 23.6				

	TEMP	N	QG	RB	QN	
PIRENOPOLIS - GO	JAN	22.6	170	376	96	239
	FEB	22.5	152	369	97	231
	MAR	22.5	182	364	104	220
ANNUAL CROPS	APR	22.2	221	377	126	210
	MAY	20.7	265	371	146	184
	JUN	19.4	276	364	159	165
ALBEDO = 0.11	JUL	19.4	291	379	162	175
	AUG	21.6	291	418	153	219
SUNSHINE (N) 1931/60	SEP	23.4	215	390	120	227
	OCT	23.4	183	375	103	231
ESTIMATED QG * 1931/60	NOV	22.6	158	364	94	230
* USING BRASILIA	DEC	22.3	124	321	80	206
	YEAR	21.9	2528	372	120	211

PORTO NACIONAL - GO	JAN	25.3	164	363	94	229
	FEB	25.3	137	350	89	223
	MAR	25.4	150	335	89	209
ANNUAL CROPS	APR	26.0	202	363	113	210
	MAY	25.8	277	369	141	187
	JUN	24.8	292	380	154	184
ALBEDO = 0.11	JUL	24.8	315	400	159	197
	AUG	26.4	314	434	153	233
SUNSHINE (N) 1931/60	SEP	27.9	239	411	124	242
	OCT	27.0	196	383	104	237
ESTIMATED QG * 1931/60	NOV	25.9	156	358	92	227
* USING CAROLINA	DEC	25.5	149	347	88	221
	YEAR	25.8	2591	374	117	217

BARRA DO COROA - MA	JAN	25.7	180	384	93	245
	FEB	25.6	154	387	93	248
	MAR	25.5	172	380	88	246
GALLERY FOREST	APR	25.6	194	365	92	229
	MAY	25.2	235	373	113	215
	JUN	24.6	268	368	131	193
ALBEDO = 0.12	JUL	24.3	297	388	140	201
	AUG	25.6	292	416	132	234
SUNSHINE (N) 1931/60	SEP	27.7	241	405	111	245
	OCT	27.9	214	402	100	254
MEASURED QG 1970/74	NOV	27.3	194	384	94	244
	DEC	26.5	193	381	96	239
	YEAR	26.0	2634	386	107	233

CAROLINA - MA	JAN	25.6	92	344	95	208
	FEB	25.6	99	345	92	212
	MAR	25.8	104	343	89	213
GALLERY FOREST	APR	26.1	128	335	108	187
	MAY	26.4	173	364	128	192
	JUN	26.1	215	371	144	182
ALBEDO = 0.12	JUL	26.3	245	392	143	202
	AUG	27.7	252	415	139	226
SUNSHINE (N) 1931/60	SEP	28.3	172	403	110	245
	OCT	27.1	158	350	94	214
MEASURED QG 1969/75	NOV	26.4	126	353	94	217
	DEC	26.1	96	351	95	214
	YEAR	26.5	1860	364	111	209

	TEMP	N	QG	RB	QN
CAXIAS - MA	JAN 26.8	190	414	101	234
	FEB 26.2	157	408	97	233
	MAR 26.1	165	395	94	226
PRAIRIES (BABAÇU REGION)	APR 26.2	184	392	103	215
	MAY 26.3	244	399	124	199
	JUN 25.9	263	400	135	189
ALBEDO = 0.19	JUL 25.7	291	418	141	198
	AUG 26.7	309	459	146	226
SUNSHINE (N) 1931/60	SEP 28.1	275	470	134	247
	OCT 28.7	266	472	125	257
ESTIMATED QG * 1931/60	NOV 28.4	233	453	116	251
* USING MARABA	DEC 27.6	213	428	107	240
	YEAR 26.9	2790	426	119	226

COROATA - MA	JAN 26.4	157	386	91	222
	FEB 26.4	139	390	90	226
	MAR 26.2	150	384	88	223
PALMS (BABACU)	APR 26.1	151	369	91	208
	MAY 25.9	232	396	120	201
	JUN 25.5	254	399	133	190
ALBEDO = 0.19	JUL 25.2	275	413	138	197
	AUG 25.3	303	458	146	225
SUNSHINE (N) 1923/31	SEP 25.8	263	463	134	241
	OCT 26.3	253	461	125	248
ESTIMATED QG * 1923/31	NOV 26.5	217	436	114	239
* USING SAO LUIZ	DEC 26.6	191	406	101	228
	YEAR 26.0	2585	413	114	221

GRAJAU - MA	JAN 25.4	149	338	88	186
	FEB 25.3	125	330	84	183
	MAR 25.5	143	330	87	180
WOODED SAVANNA (CERRADO)	APR 25.6	172	342	100	177
	MAY 25.4	223	413	117	218
	JUN 25.0	253	368	134	164
ALBEDO = 0.19	JUL 24.9	271	381	137	172
	AUG 25.8	262	400	131	193
SUNSHINE (N) 1931/60	SEP 27.2	217	462	114	260
	OCT 27.0	186	370	100	200
ESTIMATED QG * 1931/60	NOV 26.5	166	358	95	195
* USING CAROLINA	DEC 25.9	159	342	90	187
	YEAR 25.8	2326	370	106	193

IMPERATRIZ - MA	JAN 25.2	124	309	79	190
	FEB 25.1	122	323	84	197
	MAR 25.2	142	325	87	196
TROPICAL RAINFOREST	APR 25.4	167	332	98	191
	MAY 25.4	214	341	116	181
	JUN 24.8	258	371	136	187
ALBEDO = 0.13	JUL 24.5	271	380	138	193
	AUG 25.3	278	411	138	220
SUNSHINE (N) 1977/79	SEP 26.3	167	345	96	204
	OCT 26.4	149	334	87	204
ESTIMATED QG * 1977/79	NOV 26.1	153	340	90	206
* USING CAROLINA	DEC 25.6	167	344	93	206
	YEAR 25.4	2212	346	104	198

		TEMP	N	QG	RB	QN
SAB LUIZ - MA MANGROVE ALBEDO = 0.12 SUNSHINE (N) 1931/60 MEASURED QG 1970/74	JAN	26.8	210	355	89	223
	FEB	26.4	140	355	83	229
	MAR	26.3	154	354	72	240
	APR	26.3	161	356	73	240
	MAY	26.3	204	347	87	218
	JUN	26.4	247	381	117	218
	JUL	26.2	288	379	122	212
	AUG	26.6	305	433	131	250
	SEP	27.0	299	467	128	283
	OCT	27.2	283	493	133	301
	NOV	27.3	259	473	129	287
	DEC	27.2	259	402	110	244
	YEAR	26.7	2809	400	106	245

TURIACU - MA MANGROVE ALBEDO = 0.12 SUNSHINE (N) 1931/60 ESTIMATED QG * 1931/60 * USING MARABA	JAN	27.0	197	408	104	255
	FEB	26.4	135	384	88	250
	MAR	26.1	127	367	80	243
	APR	26.1	124	352	80	230
	MAY	26.3	162	354	92	220
	JUN	26.2	203	372	110	217
	JUL	26.1	235	398	121	229
	AUG	26.6	268	441	131	257
	SEP	27.0	260	464	131	277
	OCT	27.3	263	466	127	283
	NOV	27.5	244	448	122	272
	DEC	27.5	239	433	118	263
	YEAR	26.7	2457	407	109	250

CACERES - MT ANNUAL CROPS ALBEDO = 0.11 SUNSHINE (N) 1931/60 ESTIMATED QG * 1931/60 * USING CUIABA	JAN	26.4	163	441	90	302
	FEB	26.4	144	428	90	291
	MAR	26.2	167	419	102	271
	APR	25.3	183	375	106	228
	MAY	23.5	202	338	117	184
	JUN	22.1	201	316	122	159
	JUL	21.5	232	338	133	168
	AUG	23.9	231	376	125	210
	SEP	26.1	173	391	99	249
	OCT	26.8	187	433	100	285
	NOV	26.6	174	446	95	302
	DEC	26.6	162	440	88	304
	YEAR	25.1	2219	395	106	246

CUIABA - MT WETLANDS (PANTANAL) ALBEDO = 0.12 SUNSHINE (N) 1931/60 MEASURED QG 1974/75	JAN	26.5	167	458	93	310
	FEB	26.5	151	438	100	285
	MAR	26.2	175	403	92	263
	APR	25.5	201	364	104	216
	MAY	24.3	232	346	128	176
	JUN	23.2	236	340	133	166
	JUL	22.8	261	359	145	171
	AUG	25.0	248	380	126	208
	SEP	27.0	198	390	97	246
	OCT	27.2	195	451	110	287
	NOV	26.8	187	458	104	299
	DEC	26.6	171	429	89	289
	YEAR	25.6	2422	401	110	243

	TEMP	N	QG	RB	QN
UTIARITI - MT	JAN 23.9		409		
	FEB 23.9		408		
	MAR 24.5		445		
TROPICAL RAINFOREST	APR 24.1		436		
	MAY 22.5		448		
	JUN 21.4		435		
ALBEDO = 0.13	JUL 20.9		455		
	AUG 22.8		514		
	SEP 24.4		505		
	OCT 24.8		492		
ESTIMATED QG * 1961/70	NOV 24.4		515		
* USING METHOD INDIRECT	DEC 23.9		428		
	YEAR 23.5		458		

CORUMBA - MS	JAN 27.1	212	479	103	319
	FEB 26.9	188	461	105	301
	MAR 26.4	216	431	111	268
WETLANDS (PANTANAL)	APR 24.7	218	385	121	218
	MAY 23.1	216	330	123	167
	JUN 21.6	194	295	121	139
ALBEDO = 0.12	JUL 21.4	227	319	132	149
	AUG 23.4	241	368	131	193
SUNSHINE (N) 1931/60	SEP 25.4	210	407	116	242
	OCT 26.4	226	456	113	288
ESTIMATED QG * 1931/60	NOV 27.0	229	488	113	316
* USING CUIABA	DEC 27.4	236	497	111	326
	YEAR 25.1	2613	410	117	244

FAZENDA RIO NEGRO - MS	JAN 25.5		529		
	FEB 25.6		493		
	MAR 25.1		484		
WETLANDS (PANTANAL)	APR 23.6		447		
	MAY 22.0		355		
	JUN 20.5		329		
ALBEDO = 0.12	JUL 20.1		357		
	AUG 21.7		379		
	SEP 23.4		387		
	OCT 24.3		504		
MEASURED QG 1969/72	NOV 24.6		510		
	DEC 25.1		555		
	YEAR 23.5		444		

FAZENDA SAO JOAO - MS	JAN 25.8		484		
	FEB 25.9		426		
	MAR 25.6		477		
WETLANDS (PANTANAL)	APR 24.5		450		
	MAY 23.1		379		
	JUN 21.7		365		
ALBEDO = 0.12	JUL 21.4		369		
	AUG 23.0		414		
	SEP 24.7		426		
	OCT 25.4		486		
MEASURED QG 1970/72	NOV 25.4		492		
	DEC 25.6		518		
	YEAR 24.3		441		

	TEMP	N	QG	RB	QN
PONTA PORA - MS	JAN 22.2	215	515		
	FEB 22.0	198	522		
WOODED SAVANNA (CERRADO)	MAR 21.2	205	411		
	APR 18.9	198	362		
	MAY 16.9	208	327		
ALBEDO = 0.19	JUN 15.5	174	161		
	JUL 15.1	212	192		
SUNSHINE (N) 1973/75	AUG 16.7	175	341		
	SEP 18.2	136	386		
MEASURED QG 1973/75	OCT 19.5	206	404		
	NOV 20.5	257	542		
	DEC 21.5	200	467		
	YEAR 19.0	2384	386		

TRES LAGOAS - MS	JAN 25.8	200	376	101	234
	FEB 25.8	191	377	108	228
ANNUAL CROPS	MAR 25.3	224	360	116	204
	APR 23.1	232	330	130	164
	MAY 20.2	244	291	141	118
ALBEDO = 0.11	JUN 18.9	233	265	145	91
	JUL 18.5	251	281	149	101
SUNSHINE (N) 1931/60	AUG 21.1	257	321	143	143
	SEP 23.2	194	319	112	172
ESTIMATED QG * 1931/60	OCT 24.6	217	368	113	215
* USING PRESIDENTE PRUDENTE	NOV 25.3	224	401	113	244
	DEC 25.8	215	392	105	244
	YEAR 23.1	2682	340	123	180

BARBACENA - MG	JAN 19.9	173	365	106	193
	FEB 19.9	152	335	117	158
ANNUAL CROPS	MAR 19.1	170	307	109	143
	APR 17.5	166	305	116	134
	MAY 15.9	197	287	133	102
ALBEDO = 0.18	JUN 14.8	195	259	133	79
	JUL 14.4	202	273	133	91
SUNSHINE (N) 1931/60	AUG 15.6	219	301	138	109
	SEP 16.9	155	318	112	149
MEASURED QG 1967/75	OCT 17.9	150	287	95	140
	NOV 18.4	150	357	96	197
	DEC 19.0	130	336	94	182
	YEAR 17.4	2059	311	115	140

BELO HORIZONTE - MG	JAN 22.8	192	421	115	255
	FEB 22.9	174	419	121	248
URBAN AREA	MAR 22.3	205	402	123	231
	APR 21.1	219	353	137	174
	MAY 19.1	240	313	146	129
ALBEDO = 0.12	JUN 18.0	249	294	153	106
	JUL 17.7	258	304	150	118
SUNSHINE (N) 1931/60	AUG 19.0	263	362	152	167
	SEP 20.8	199	385	126	213
MEASURED QG 1968/75	OCT 21.5	182	377	106	226
	NOV 21.7	171	385	102	237
	DEC 21.6	142	404	101	255
	YEAR 20.7	2494	368	128	197

	TEMP	N	QG	RB	QN
CAPINOPOLIS - MG	JAN 23.3	219	389	112	234
	FEB 23.3	199	391	115	233
	MAR 22.8	182	381	104	235
ANNUAL CROPS	APR 21.4	234	323	133	154
	MAY 19.6	264	283	150	102
	JUN 18.2	267	233	160	47
ALBEDO = 0.11	JUL 17.9	282	269	162	77
	AUG 19.5	284	327	156	135
SUNSHINE (N) 1970/75	SEP 21.2	222	348	126	184
	OCT 22.3	209	378	113	223
MEASURED QG 1970/75	NOV 22.5	210	402	113	245
	DEC 22.8	184	401	100	257
	YEAR 21.2	2756	344	129	177

CARATINGA - MG	JAN 23.3	249	411	122	244
	FEB 23.4	232	345	127	180
	MAR 22.8	216	302	117	152
ANNUAL CROPS	APR 21.2	206	217	122	71
	MAY 19.2	221	179	133	26
	JUN 17.8	203	176	132	25
ALBEDO = 0.11	JUL 17.4	215	173	134	20
	AUG 18.5	223	213	132	58
SUNSHINE (N) 1971/75	SEP 20.2	186	249	113	109
	OCT 21.4	147	224	91	108
MEASURED QG 1971/75	NOV 22.0	141	317	88	194
	DEC 22.6	169	364	94	230
	YEAR 20.8	2408	264	117	118

CONCEICAO DO MATO DENTRO - MG	JAN 22.9	182	394	99	232
	FEB 22.8	160	379	100	218
	MAR 22.3	161	338	97	187
PERMANENT AND ANNUAL CROPS	APR 20.6	146	291	96	146
	MAY 18.4	171	268	111	114
	JUN 16.8	170	249	118	91
ALBEDO = 0.16	JUL 16.4	175	257	117	99
	AUG 17.3	208	314	128	136
SUNSHINE (N) 1931/60	SEP 19.6	149	313	99	164
	OCT 21.0	124	318	83	184
ESTIMATED QG * 1931/60	NOV 21.8	124	340	82	204
* USING BELO HORIZONTE	DEC 22.2	124	342	79	208
	YEAR 20.2	1894	317	101	165

DIAMANTINA - MG	JAN 20.3	182	339		
	FEB 20.5	178	326		
	MAR 20.0	180	289		
PERMANENT AND ANNUAL CROPS	APR 18.7	171			
	MAY 17.0	207	222		
	JUN 15.9	209	182		
ALBEDO = 0.18	JUL 15.3	219	167		
	AUG 16.6	244	259		
SUNSHINE (N) 1931/60	SEP 18.1	193	276		
	OCT 19.1	166			
MEASURED QG 1972/74	NOV 19.3	134	268		
	DEC 19.4	121	322		
	YEAR 18.4	2204			

	TEMP	N	QG	RB	QN
JANUARIA - MG	JAN 25.1	227	503	113	239
	FEB 25.3	218	506	120	234
CAATINGA	MAR 25.2	231	468	119	209
	APR 24.6	235	431	128	174
	MAY 23.3	256	389	137	135
ALBEDO = 0.30	JUN 22.2	252	366	143	113
	JUL 22.0	265	380	145	121
SUNSHINE (N) 1931/60	AUG 23.4	281	431	145	157
	SEP 25.5	244	461	128	195
ESTIMATED QG * 1931/60	OCT 26.4	215	469	110	218
* USING BON JESUS DA LAPA	NOV 25.2	167	452	95	221
	DEC 24.7	174	456	94	225
	YEAR 24.4	2765	443	123	187

LAVRAS - MG	JAN 21.9	167	365	117	182
	FEB 21.9	158	363	128	170
ANNUAL CROPS	MAR 21.3	188	324	122	144
	APR 19.3	201	291	132	107
	MAY 16.9	208	269	149	72
ALBEDO = 0.18	JUN 15.6	194	232	152	38
	JUL 15.4	219	250	159	46
SUNSHINE (N) 1931/60	AUG 17.4	238	301	158	89
	SEP 19.1	182	310	128	126
MEASURED QG 1969/75	OCT 20.5	176	323	113	152
	NOV 20.9	162	338	105	172
	DEC 21.2	137	346	100	184
	YEAR 19.3	2230	309	130	124

LEOPOLDINA - MG	JAN 25.4	165	375	89	237
	FEB 25.7	166	384	97	237
PERMANENT AND ANNUAL CROPS	MAR 24.8	173	343	98	200
	APR 22.9	161	295	101	156
	MAY 20.8	182	264	114	116
ALBEDO = 0.13	JUN 19.6	179	244	119	93
	JUL 19.1	193	257	122	102
SUNSHINE (N) 1931/60	AUG 20.2	198	297	119	139
	SEP 21.6	127	289	88	163
ESTIMATED QG * 1931/60	OCT 22.7	118	311	78	193
* USING BELO HORIZONTE	NOV 23.6	127	343	80	218
	DEC 24.3	124	344	77	222
	YEAR 22.6	1913	312	99	173

MONTES CLAROS - MG	JAN 23.6	242	442	120	229
	FEB 23.7	223	438	124	222
ANNUAL CROPS	MAR 23.2	219	401	117	200
	APR 22.1	239	390	134	174
	MAY 20.3	259	359	145	139
ALBEDO = 0.21	JUN 18.9	253	351	151	126
	JUL 18.5	256	347	149	125
SUNSHINE (N) 1969/74	AUG 19.9	282	407	154	168
	SEP 21.8	237	411	131	194
MEASURED QG 1969/74	OCT 22.9	166	379	97	202
	NOV 22.9	158	417	94	235
	DEC 23.1	171	404	95	224
	YEAR 21.7	2705	396	126	187

	TEMP	N	QG	RB	QN
PARACATU - MG	JAN 23.6	181	390	99	236
	FEB 23.4	161	381	100	228
	MAR 23.3	188	369	106	211
ANNUAL CROPS	APR 22.4	207	358	120	188
	MAY 20.1	249	350	141	160
	JUN 18.7	246	332	148	138
ALBEDO = 0.14	JUL 18.8	261	345	151	146
	AUG 20.8	246	368	137	179
SUNSHINE (N) 1931/60	SEP 23.2	165	331	101	184
	OCT 24.2	159	347	92	206
ESTIMATED QG * 1931/60	NOV 23.4	141	344	86	210
* USING BRASILIA	DEC 22.9	122	320	78	197
	YEAR 22.0	2326	353	113	190

PASSA QUATRO - MG	JAN 21.3	162	478	93	309
	FEB 21.2	142	453	94	287
	MAR 20.5	177	438	106	262
PERMANENT AND ANNUAL CROPS	APR 18.3	194	406	122	219
	MAY 15.7	196	346	127	164
	JUN 14.0	197	320	136	133
ALBEDO = 0.16	JUL 13.4	220	349	145	148
	AUG 15.0	224	404	139	200
SUNSHINE (N) 1931/60	SEP 17.4	174	414	111	237
	OCT 19.0	171	452	103	277
ESTIMATED QG * 1931/60	NOV 19.8	167	483	99	307
* USING MONTE ALEGRE DO SUL	DEC 20.3	140	451	87	292
	YEAR 18.0	2164	416	114	236

PATOS DE MINAS - MG	JAN 22.3	219	350	113	188
	FEB 22.4	195	335	114	174
	MAR 21.9	208	330	115	169
SUBTROPICAL FOREST	APR 20.7	227	279	132	108
	MAY 18.8	261	245	150	61
	JUN 17.4	244	221	151	39
ALBEDO = 0.14	JUL 17.1	261	214	154	30
	AUG 18.8	288	285	159	86
SUNSHINE (N) 1970/75	SEP 20.9	226	316	128	144
	OCT 21.9	186	297	105	150
MEASURED QG 1970/75	NOV 21.9	175	335	101	187
	DEC 21.9	180	284	99	145
	YEAR 20.5	2670	291	127	123

PEDRA AZUL - MG	JAN 24.3	196	403	103	223
	FEB 24.6	181	400	106	218
	MAR 24.1	186	365	104	192
WOODED SAVANNA (CERRADO)	APR 22.9	151	304	97	149
	MAY 20.8	151	265	99	116
	JUN 19.4	152	251	105	98
ALBEDO = 0.19	JUL 18.7	150	253	102	103
	AUG 19.8	189	311	115	137
SUNSHINE (N) 1931/60	SEP 21.6	179	345	108	171
	OCT 23.3	159	351	93	191
ESTIMATED QG * 1931/60	NOV 23.2	134	346	85	195
* USING BELG HORIZONTE	DEC 23.6	146	357	86	203
	YEAR 22.2	1974	329	100	166

	TEMP	N	QG	RB	QN
PIRAPORA - MG	JAN 24.7	195	477	101	276
	FEB 24.9	198	487	112	273
	MAR 24.7	214	449	112	243
ANNUAL CROPS	APR 23.5	232	420	128	204
	MAY 21.3	270	388	148	159
	JUN 19.9	261	361	154	131
ALBEDO = 0.21	JUL 19.7	274	373	154	141
	AUG 21.5	290	428	153	185
SUNSHINE (N) 1931/60	SEP 24.1	221	439	122	225
	OCT 25.3	197	452	105	252
ESTIMATED QG * 1931/60	NOV 24.9	181	466	100	268
* USING BOM JESUS DA LAPA	DEC 24.4	154	444	88	263
	YEAR 23.2	2687	432	123	218

	JAN 20.3	145	454	88	275
POCOS DE CALDAS - MG	FEB 20.4	139	449	94	265
	MAR 19.8	184	448	109	249
PERMANENT CROPS	APR 17.8	206	423	127	211
	MAY 15.1	213	365	136	156
	JUN 13.6	214	341	145	128
ALBEDO = 0.20	JUL 13.6	222	352	143	139
	AUG 15.6	241	420	145	191
SUNSHINE (N) 1931/60	SEP 17.5	191	435	119	229
	OCT 19.0	188	474	109	270
ESTIMATED QG * 1931/60	NOV 19.4	171	488	103	287
* USING MONTE ALEGRE DO SUL	DEC 19.8	157	474	93	286
	YEAR 17.7	2271	427	118	224

	JAN 21.3	165	374	94	220
SANTOS DUMONT - MG	FEB 21.3	147	366	96	211
	MAR 20.7	164	336	99	183
PERMANENT AND ANNUAL CROPS	APR 18.7	153	288	103	139
	MAY 16.8	176	260	117	101
	JUN 15.7	176	242	123	80
ALBEDO = 0.16	JUL 15.2	186	254	125	88
	AUG 16.2	206	303	130	125
SUNSHINE (N) 1931/60	SEP 17.5	141	300	97	155
	OCT 18.7	127	320	87	182
ESTIMATED QG * 1931/60	NOV 19.3	117	334	82	199
* USING BELO HORIZONTE	DEC 20.0	111	333	77	203
	YEAR 18.4	1869	309	103	157

	JAN 21.9	167	382	95	234
SAO JOAO DEL REI - MG	FEB 22.2	154	372	98	222
	MAR 21.2	174	345	103	194
ANNUAL CROPS	APR 19.5	178	310	113	154
	MAY 17.1	193	274	124	112
	JUN 15.7	190	253	129	89
ALBEDO = 0.14	JUL 15.5	214	274	137	99
	AUG 17.2	229	322	137	140
SUNSHINE (N) 1931/60	SEP 18.7	162	319	105	169
	OCT 20.1	157	346	96	202
ESTIMATED QG * 1931/60	NOV 20.5	146	361	91	219
* USING BELO HORIZONTE	DEC 21.0	133	352	83	220
	YEAR 19.2	2097	326	109	171

	TEMP	N	GG	RB	QN
SAB LOURENCO - MG	JAN 21.9	172	475	96	308
	FEB 21.7	155	472	98	303
PERMANENT AND ANNUAL CROPS	MAR 21.0	187	451	108	275
	APR 18.8	190	404	120	223
	MAY 15.6	196	348	128	168
ALBEDO = 0.15	JUN 13.9	181	290	129	118
	JUL 13.4	210	342	139	152
	AUG 15.2	224	404	139	204
SUNSHINE (N) 1931/60	SEP 17.7	171	411	111	238
	OCT 19.6	169	450	101	282
ESTIMATED GG * 1931/60	NOV 20.5	168	483	98	313
* USING MONTE ALEGRE DO SUL	DEC 21.1	163	480	93	315
	YEAR 18.4	2186	418	113	242

SETE LAGOAS - MG	JAN 23.0	245	351	121	181
	FEB 23.1	264	363	130	182
ANNUAL CROPS	MAR 22.5	231	335	123	165
	APR 21.1	248	283	140	103
	MAY 19.2	273	254	155	63
ALBEDO = 0.14	JUN 17.7	259	240	158	48
	JUL 17.3	284	259	165	58
	AUG 18.8	297	296	163	92
SUNSHINE (N) 1970/75	SEP 20.8	233	314	131	139
	OCT 21.9	190	315	107	164
MEASURED GG 1970/75	NOV 22.1	183	336	103	186
	DEC 22.4	210	363	109	203
	YEAR 20.8	2917	309	134	132

TEOFILO OTONI - MG	JAN 24.7	157	370	89	222
	FEB 24.8	153	373	94	219
PERMANENT AND ANNUAL CROPS	MAR 24.3	149	329	89	187
	APR 23.0	131	281	88	148
	MAY 21.3	120	235	86	111
ALBEDO = 0.16	JUN 20.0	112	214	87	93
	JUL 19.5	110	217	85	97
	AUG 20.5	137	264	92	130
SUNSHINE (N) 1918/42	SEP 22.0	107	279	79	155
	OCT 23.1	106	303	74	181
ESTIMATED GG * 1918/42	NOV 23.6	102	317	72	194
* USING BELO HORIZONTE	DEC 24.1	124	340	77	209
	YEAR 22.6	1508	294	84	162

UBERABA - MG	JAN 22.6	225	420	114	247
	FEB 22.6	164	335	101	187
ANNUAL CROPS	MAR 22.0	231	394	124	215
	APR 20.3	255	332	144	142
	MAY 18.4	266	271	153	80
ALBEDO = 0.14	JUN 17.0	269	250	164	51
	JUL 16.6	263	245	157	54
	AUG 18.2	293	329	163	120
SUNSHINE (N) 1931/60	SEP 19.9	229	329	131	152
	OCT 21.1	225	386	121	211
MEASURED GG 1970/72	NOV 21.5	207	442	113	267
	DEC 22.0	185	295	101	153
	YEAR 20.2	2812	336	132	157

	TEMP	N	QG	RB	QN
VICOSA - MG	JAN 22.9	221	334	112	169
	FEB 22.9	215	326	121	153
	MAR 22.3	212	292	116	129
PERMANENT AND ANNUAL CROPS	APR 20.5	202	249	122	87
	MAY 18.5	227	218	137	46
	JUN 17.1	202	195	133	31
ALBEDO = 0.16	JUL 16.6	217	223	137	50
	AUG 17.9	212	256	129	86
SUNSHINE (N) 1969/75	SEP 19.6	172	255	108	106
	OCT 20.9	132	251	86	125
MEASURED QG 1969/75	NOV 21.5	141	299	88	163
	DEC 22.1	186	316	101	164
	YEAR 20.2	2339	26 ^B	116	109

ALTAMIRA - PA	JAN 25.3	86	283		
	FEB 26.6	67	281		
	MAR 25.3	74	279		
TROPICAL RAINFOREST	APR 25.8	81	273		
	MAY 25.8	120	280		
	JUN 26.3	106	261		
ALBEDO = 0.13	JUL 25.5	187	316		
	AUG 26.1	217	355		
SUNSHINE (N) 1971/75, 1977/78	SEP 26.4	166	342		
	OCT 26.6	113	306		
ESTIMATED QG * 1971/75, 1977/78	NOV 26.4	68	272		
* USING BELEM	DEC 26.2	87	280		
	YEAR 26.0	1372	294		

ALTO TAPAJOS - PA	JAN 25.1	89	416	66	296
	FEB 25.2	97	432	73	303
	MAR 25.3	105	420	73	292
TROPICAL RAINFOREST	APR 25.5	129	412	84	274
	MAY 25.5	189	416	106	256
	JUN 24.9	228	424	125	244
ALBEDO = 0.13	JUL 24.4	232	430	124	250
	AUG 25.5	258	480	130	288
SUNSHINE (N) 1931/60	SEP 25.8	173	459	100	299
	OCT 25.6	186	485	101	321
ESTIMATED QG * 1931/60	NOV 25.5	127	446	81	307
* USING SAO FELIX DO XINGU	DEC 25.3	109	428	73	299
	YEAR 25.3	1922	437	95	286

ARUMANDUBA - PA	JAN 27.0	163	332	91	198
	FEB 26.8	144	341	90	207
	MAR 26.8	167	348	94	209
TROPICAL RAINFOREST	APR 26.8	183	351	101	204
	MAY 27.2	202	355	106	203
	JUN 27.0	201	329	109	177
ALBEDO = 0.13	JUL 26.8	232	350	117	188
	AUG 27.0	231	368	117	203
SUNSHINE (N) 1931/60	SEP 27.4	173	348	98	205
	OCT 27.6	187	360	100	213
ESTIMATED QG * 1931/60	NOV 27.9	174	348	97	206
* USING BELEM	DEC 27.3	162	330	91	196
	YEAR 27.1	2219	347	101	201

		TEMP	N	QG	RB	QN
BELEM - PA	JAN	25.6	157	300	93	171
	FEB	25.5	112	318	82	198
URBAN AREA	MAR	25.4	102	327	74	214
	APR	25.7	132	290	84	171
ALBEDO = 0.12	MAY	26.0	196	310	100	173
	JUN	26.0	240	363	121	198
SUNSHINE (N) 1931/60	JUL	25.9	268	353	131	180
	AUG	26.0	267	370	135	191
MEASURED QG 1967/77	SEP	26.0	235	399	127	224
	OCT	26.2	247	438	128	257
	NOV	26.5	221	391	118	226
	DEC	26.3	213	346	110	194
	YEAR	25.9	2390	350	109	200

BREVES - PA	JAN	25.8	144	315	86	191
	FEB	25.6	102	302	74	192
IGAPÓ FOREST (PERIODICALLY FLOODED)	MAR	25.3	90	287	67	186
	APR	25.0	117	299	79	184
ALBEDO = 0.12	MAY	25.1	175	317	99	180
	JUN	25.0	226	344	122	181
SUNSHINE (N) 1972, 1976, 1978	JUL	24.8	246	358	126	189
	AUG	24.7	286	403	142	213
ESTIMATED QG * 1972, 1976, 1978	SEP	24.6	260	411	135	227
	OCT	25.0	259	407	130	228
* USING BELEM	NOV	25.8	263	409	133	227
	DEC	26.1	217	361	113	205
	YEAR	25.2	2385	351	109	200

CAMETA - PA	JAN	25.9	160	335	92	189
	FEB	25.7	132	332	88	191
DEGRADED CROP AREA	MAR	25.5	170	350	96	198
	APR	25.1	166	337	98	185
ALBEDO = 0.16	MAY	25.2	210	342	113	174
	JUN	25.1	241	353	127	170
SUNSHINE (N) 1970/78	JUL	24.8	239	352	123	173
	AUG	24.7	280	400	139	197
ESTIMATED QG * 1970/78	SEP	24.8	270	420	137	216
	OCT	25.2	253	409	127	217
* USING BELEM	NOV	25.9	242	401	124	213
	DEC	26.2	257	399	127	208
	YEAR	25.3	2620	369	116	194

CONCEICAO DO ARAGUAIA - PA	JAN	24.8	155	347	90	212
	FEB	24.5	124	333	85	205
TROPICAL RAINFOREST	MAR	24.8	148	334	89	202
	APR	25.2	166	334	99	192
ALBEDO = 0.13	MAY	25.3	229	350	121	184
	JUN	24.7	270	371	143	180
SUNSHINE (N) 1970/78	JUL	24.4	304	398	152	194
	AUG	25.5	243	377	125	203
ESTIMATED QG * 1970/78	SEP	26.3	188	363	105	211
	OCT	25.6	172	358	96	215
* USING CAROLINA	NOV	25.3	150	345	89	211
	DEC	24.9	139	329	84	202
	YEAR	25.1	2288	353	107	201

	TEMP	N	QG	RB	QN
ITAITUBA - PA	JAN 26.2	152	409	88	268
	FEB 26.1	105	363	76	240
TROPICAL RAINFOREST	MAR 26.0	139	395	85	259
	APR 26.4	141	386	87	249
	MAY 26.4	172	398	98	248
	JUN 26.6	215	447	115	274
ALBEDO = 0.13	JUL 26.5	253	496	127	305
	AUG 26.8	276	558	134	351
SUNSHINE (N) 1971,1974/78	SEP 27.2	235	534	119	346
	OCT 27.2	211	505	109	330
ESTIMATED QG * 1971,1974/78	NOV 27.2	178	459	98	301
* USING MANAUS	DEC 26.4	158	414	90	270
	YEAR 26.6	2235	447	102	287

MARABA - PA	JAN 25.9	153	357	89	222
	FEB 25.6	127	360	85	228
TROPICAL RAINFOREST	MAR 25.8	158	354	92	216
	APR 26.3	176	348	101	202
	MAY 26.9	191	320	104	174
	JUN 26.4	258	331	133	155
ALBEDO = 0.13	JUL 26.8	278	336	136	156
	AUG 26.6	262	344	130	169
SUNSHINE (N) 1973/75	SEP 26.9	138	301	85	177
	OCT 27.1	129	313	79	193
MEASURED QG 1973/75	NOV 26.9	163	322	93	187
	DEC 26.1	158	328	90	195
	YEAR 26.4	2191	335	101	190

OBIDOS - PA	JAN 26.2	156	410	90	267
	FEB 25.9	99	349	74	230
MEADOW FOREST	MAR 25.8	129	381	81	250
	APR 25.8	160	421	94	272
	MAY 25.8	192	432	105	271
	JUN 25.9	197	430	109	265
ALBEDO = 0.13	JUL 26.0	284	546	138	337
	AUG 26.9	299	599	141	380
SUNSHINE (N) 1976/78	SEP 27.0	259	581	131	374
	OCT 28.0	250	563	121	369
ESTIMATED QG * 1976/78	NOV 27.8	229	534	117	348
* USING MANAUS	DEC 27.2	200	469	105	303
	YEAR 26.5	2454	476	109	306

PORTO MOZ - PA	JAN 25.4	114	301		
	FEB 25.0				
TROPICAL RAINFOREST	MAR 25.0	92	293		
	APR 25.2	130	311		
	MAY 25.2	189	329		
	JUN 25.2	198	325		
ALBEDO = 0.13	JUL 25.2	253	362		
	AUG 25.1	245	376		
SUNSHINE (N) 1976,1978	SEP 25.3	260	369		
	OCT 25.6	246	403		
ESTIMATED QG * 1976,1978	NOV 26.4	236	395		
* USING BELEM	DEC 26.0				
	YEAR 25.4				

	TEMP	N	QG	RB	QN
SANTAREM - PA	JAN 25.8	144	393	86	256
	FEB 25.5	106	361	77	237
MEADOW FOREST	MAR 25.5	109	348	74	229
	APR 25.6	123	362	81	234
	MAY 25.6	145	364	88	229
ALBEDO = 0.13	JUN 25.4	176	399	102	245
	JUL 25.4	212	445	113	274
SUNSHINE (N) 1931/60	AUG 26.2	213	472	112	299
	SEP 26.7	221	520	116	336
ESTIMATED QG * 1931/60	OCT 27.0	230	532	116	347
* USING MANAUS	NOV 26.9	190	474	104	308
	DEC 26.5	190	456	102	295
	YEAR 26.0	2059	427	98	274

SAO FELIX DO XINGU - PA	JAN 25.8	96	432	68	308
	FEB 25.7	79	398	66	280
TROPICAL RAINFOREST	MAR 25.6	113	406	75	278
	APR 25.3	108	411	76	282
	MAY 24.9	150	389	91	247
ALBEDO = 0.13	JUN 24.3	218	419	121	244
	JUL 24.0	251	448	132	258
	AUG 24.8	229	458	121	277
SUNSHINE (N) 1972/75	SEP 25.7	170	429	99	274
	OCT 26.1	148	395	87	257
MEASURED QG 1972/75	NOV 26.1	108	423	74	294
	DEC 26.0	89	412	65	293
	YEAR 25.4	1759	418	90	274

SOURE - PA	JAN 26.9	182	319	85	161
	FEB 26.2	130	314	79	163
GRASSLANDS	MAR 25.9	113	302	72	161
	APR 26.2	137	292	72	153
	MAY 26.7	195	311	91	148
ALBEDO = 0.23	JUN 26.8	238	340	113	149
	JUL 26.8	274	368	125	158
	AUG 27.2	286	386	125	172
SUNSHINE (N) 1936/60	SEP 27.6	276	421	132	192
	OCT 27.9	293	420	129	194
ESTIMATED QG * 1936/60	NOV 28.0	258	392	119	183
* USING BELEM	DEC 27.7	246	383	119	176
	YEAR 27.0	2628	354	105	168

TRACJATEUA - PA	JAN 25.2	155	411	91	254
	FEB 24.9	92	299	72	179
DEGRADED CROP AREA	MAR 24.5	79	310	64	196
	APR 24.6	87	316	68	197
	MAY 24.6	119	296	79	170
ALBEDO = 0.16	JUN 24.6	173	359	101	201
	JUL 24.4	209	402	113	225
	AUG 24.6	254	480	129	274
SUNSHINE (N) 1973/75	SEP 25.0	254	498	131	287
	OCT 25.3	297	552	143	321
MEASURED QG 1973/75	NOV 25.6	259	458	132	253
	DEC 25.7	197	379	105	213
	YEAR 24.9	2175	397	102	231

	TEMP	N	QG	RB	QN
TUCURUI - PA	JAN 26.0	120	318	78	199
	FEB 25.8	123	333	83	207
TROPICAL RAINFOREST	MAR 25.6	140	331	85	203
	APR 25.3	149	322	91	189
	MAY 25.2	191	315	106	168
ALBEDO = 0.13	JUN 24.9	245	329	130	156
	JUL 24.6	250	330	129	158
SUNSHINE (N) 1970/78	AUG 24.8	242	348	125	178
	SEP 25.0	186	347	105	197
ESTIMATED QG * 1970/78	OCT 25.5	160	340	92	204
* USING MARABA	NOV 26.0	147	336	89	203
	DEC 26.2	188	347	101	201
	YEAR 25.4	2141	333	101	189

ARARUNA - PB	JAN 24.6	251	486	125	230
	FEB 24.7	192	471	112	232
BUSH SAVANNA	MAR 24.6	196	468	107	235
	APR 24.6	222	477	121	227
	MAY 23.9	227	428	122	190
ALBEDO = 0.27	JUN 23.2	197	377	115	160
	JUL 22.9	179	383	105	175
SUNSHINE (N) 1974/76	AUG 23.5	244	451	128	201
	SEP 24.7	235	473	125	220
MEASURED QG 1974/76	OCT 25.3	239	493	121	239
	NOV 25.0	245	486	126	229
	DEC 24.6	228	473	117	228
	YEAR 24.3	2655	456	119	214

AREIA - PB	JAN 22.8	255	506	129	240
	FEB 23.0	210	516	122	255
BUSH SAVANNA	MAR 22.8	214	503	117	250
	APR 22.3	229	484	127	226
	MAY 21.5	212	403	120	174
ALBEDO = 0.27	JUN 20.2	168	360	107	156
	JUL 19.6	171	359	107	155
SUNSHINE (N) 1974/76	AUG 19.6	217	433	124	192
	SEP 20.5	210	472	122	223
MEASURED QG 1974/76	OCT 21.6	250	493	132	228
	NOV 22.2	253	515	133	243
	DEC 22.6	229	466	120	220
	YEAR 21.6	2618	459	122	214

BARRA DE SANTA ROSA - PB	JAN 25.3	262	495	128	233
	FEB 25.4	210	498	118	246
BUSH SAVANNA	MAR 25.3	207	450	110	219
	APR 25.4	233	460	124	212
	MAY 24.7	204	389	112	172
ALBEDO = 0.27	JUN 23.9	197	369	114	155
	JUL 23.6	175	345	103	149
SUNSHINE (N) 1974/76	AUG 24.1	232	434	123	194
	SEP 25.4	239	481	125	226
MEASURED QG 1974/76	OCT 26.0	243	502	121	245
	NOV 25.7	260	505	130	239
	DEC 25.3	248	483	123	230
	YEAR 25.0	2710	451	119	210

		TEMP	N	QG	RB	QN
BREJO DO CRUZ - PB	JAN	26.4	270	521	129	236
	FEB	26.6	238	551	127	259
	MAR	26.6	256	548	126	258
CAATINGA	APR	26.7	276	511	138	220
	MAY	26.1	252	444	128	183
	JUN	25.4	264	437	136	168
ALBEDO = 0.30	JUL	25.0	241	429	126	174
SUNSHINE (N) 1974/76	AUG	25.4	302	508	147	209
	SEP	26.6	278	542	138	241
	OCT	27.1	299	565	140	256
MEASURED QG 1974/76	NOV	26.8	275	539	134	243
	DEC	26.5	274	517	130	232
	YEAR	26.3	3225	509	133	223

CABACEIRAS - PB	JAN	25.5	267	516	129	232
	FEB	25.7	221	527	122	247
	MAR	25.6	237	502	121	230
CAATINGA	APR	25.6	229	466	122	204
	MAY	24.8	225	401	121	160
	JUN	24.0	231	386	127	143
ALBEDO = 0.30	JUL	23.7	185	370	107	152
SUNSHINE (N) 1974/76	AUG	24.3	242	446	127	185
	SEP	25.5	242	488	126	216
	OCT	26.1	270	538	131	246
MEASURED QG 1974/76	NOV	25.9	265	534	131	243
	DEC	25.5	253	513	124	235
	YEAR	25.2	2867	474	124	208

CAJAZEIRAS - PB	JAN	25.9	255	515	124	237
	FEB	26.1	204	516	114	247
	MAR	26.0	229	520	117	247
CAATINGA	APR	26.1	272	517	138	224
	MAY	25.5	234	426	122	176
	JUN	24.7	281	446	146	166
ALBEDO = 0.30	JUL	24.4	254	439	132	175
SUNSHINE (N) 1974/76	AUG	24.9	250	528	129	241
	SEP	26.1	293	567	144	253
	OCT	26.7	284	556	135	254
MEASURED QG 1974/76	NOV	26.4	268	551	132	254
	DEC	26.0	275	520	131	233
	YEAR	25.7	3099	508	130	226

CAMPINA GRANDE - PB	JAN	24.3	240	452	121	209
	FEB	24.4	207	481	118	233
	MAR	24.4	218	484	116	237
BUSH SAVANNA	APR	23.8	229	442	125	198
	MAY	22.6	190	365	110	156
	JUN	21.4	172	337	107	139
ALBEDO = 0.27	JUL	20.6	167	335	104	141
SUNSHINE (N) 1974/76	AUG	20.7	210	409	120	179
	SEP	21.9	206	438	118	202
	OCT	22.9	243	475	126	221
MEASURED QG 1974/76	NOV	23.7	246	470	128	215
	DEC	24.0	217	440	113	208
	YEAR	22.9	2545	427	117	195

		TEMP	N	QG	RB	QN
ESPERANCA - PB	JAN	24.5	247	515	124	252
	FEB	24.6	210	525	120	263
	MAR	24.5	211	503	113	254
BUSH SAVANNA	APR	24.5	226	484	122	231
	MAY	23.8	197	410	111	188
	JUN	23.0	172	360	105	158
ALBEDO = 0.27	JUL	22.7	164	365	100	166
	AUG	23.4	217	441	119	203
SUNSHINE (N) 1974/76	SEP	24.7	224	489	121	236
	OCT	25.3	250	520	125	255
MEASURED GG 1974/76	NOV	25.0	246	533	126	263
	DEC	24.5	232	520	118	262
	YEAR	24.2	2596	472	117	228

JAO PESSOA - PB	JAN	26.6	267	515	135	287
	FEB	26.8	235	498	127	281
	MAR	26.8	231	485	121	277
RESTINGA VEGETATION	APR	26.3	214	467	130	253
	MAY	25.3	208	387	120	197
	JUN	24.3	192	367	117	184
ALBEDO = 0.18	JUL	23.7	207	358	105	189
	AUG	23.7	231	449	131	237
SUNSHINE (N) 1931/60	SEP	24.7	237	498	137	271
	OCT	25.6	282	520	141	285
MEASURED GG 1974/76	NOV	26.1	280	506	139	276
	DEC	26.4	282	484	130	267
	YEAR	25.5	2866	461	128	250

MOGEIRO - PB	JAN	26.8	279	480	131	219
	FEB	27.0	207	453	114	217
	MAR	26.9	222	458	113	221
BUSH SAVANNA	APR	27.0	229	450	120	209
	MAY	26.3	204	379	110	167
	JUN	25.5	196	358	111	150
ALBEDO = 0.27	JUL	25.1	164	342	97	153
	AUG	25.4	213	408	114	184
SUNSHINE (N) 1974/76	SEP	26.4	235	463	122	216
	OCT	27.1	250	484	122	231
MEASURED GG 1974/76	NOV	26.9	261	480	128	222
	DEC	26.7	244	467	119	222
	YEAR	26.4	2704	435	117	201

MONTEIRO - PB	JAN	24.5	276	536	134	241
	FEB	24.7	231	536	128	247
	MAR	24.6	241	527	124	245
CAATINGA	APR	24.6	250	489	132	210
	MAY	23.7	229	414	124	166
	JUN	22.9	237	418	132	161
ALBEDO = 0.30	JUL	22.6	224	396	124	153
	AUG	23.4	293	499	148	201
SUNSHINE (N) 1974/76	SEP	24.9	282	531	143	229
	OCT	25.5	270	547	132	251
MEASURED GG 1974/76	NOV	25.1	254	536	128	247
	DEC	24.5	242	514	121	239
	YEAR	24.3	3029	495	131	216

		TEMP	N	GG	RB	QN	
PATOS - PB		JAN	26.2	263	551	127	259
		FEB	26.4	228	553	123	264
		MAR	26.4	263	547	129	254
CAATINGA		APR	26.5	279	508	140	216
		MAY	25.8	255	448	130	184
		JUN	25.0	256	410	135	152
ALBEDO = 0.30		JUL	24.7	225	402	121	160
		AUG	25.2	291	496	143	204
		SEP	26.5	286	540	141	237
SUNSHINE (N) : 1974/76		OCT	27.0	284	547	135	248
		NOV	26.7	268	533	131	242
		DEC	26.2	264	520	127	237
MEASURED GG 1974/76		YEAR	26.1	3162	505	132	221

PONBAL - PB		JAN	26.3	274	523	130	236
		FEB	26.5	228	525	123	245
CAATINGA		MAR	26.5	259	512	127	231
		APR	26.5	276	493	138	207
		MAY	25.9	248	419	127	166
		JUN	25.1	267	427	139	160
ALBEDO = 0.30		JUL	24.7	240	412	126	162
		AUG	25.2	295	498	145	204
SUNSHINE (N)	1974/76	SEP	26.4	289	550	142	243
		OCT	26.9	292	556	137	252
MEASURED GG	1974/76	NOV	26.7	279	550	135	250
		DEC	26.3	279	519	132	231
		YEAR	26.1	3226	499	133	216

TEIXEIRA - PB		JAN	23.8	267	533	132	241
		FEB	23.9	224	508	126	230
CAATINGA		MAR	23.9	256	511	130	228
		APR	23.9	243	500	130	220
		MAY	23.1	219	417	120	172
		JUN	22.3	242	416	135	156
ALBEDO = 0.30		JUL	22.1	214	408	121	165
		AUG	23.0	279	511	143	215
SUNSHINE (N)	1974/76	SEP	24.5	264	540	136	242
		OCT	25.0	280	538	137	240
MEASURED GG	1974/76	NOV	24.5	268	497	135	213
		DEC	23.9	272	503	133	219
		YEAR	23.6	3028	490	132	212

CASTRO - PR		JAN	20.6	184	387	101	216
		FEB	20.5	127	279	88	141
CULTURA ANUAL		MAR	19.6	197	307	114	138
		APR	16.8	190	290	123	115
		MAY	14.2	166	228	117	70
		JUN	12.8	162	199	122	41
ALBEDO = 0.18		JUL	12.2	172	242	125	73
		AUG	13.7	180	216	122	55
SUNSHINE (N)	1970/72	SEP	15.2	164	239	111	85
		OCT	17.0	156	268	99	121
MEASURED GG	1970/72	NOV	18.3	175	369	104	199
		DEC	19.8	194	433	105	250
		YEAR	16.7	2067	288	111	125

		TEMP	N	QG	RE	QN	
CURITIBA - PR		JAN	20.1	177	339	105	193
		FEB	20.1	156	315	102	175
		MAR	19.2	175	274	106	135
URBAN AREA		APR	16.8	164	220	121	73
		MAY	14.5	174	181	117	42
		JUN	13.2	163	165	123	22
ALBEDO = 0.12		JUL	12.5	186	179	126	32
		AUG	14.0	185	208	119	64
	SUNSHINE (N) 1931/60		SEP	14.8	141	252	104
		OCT	16.2	148	294	103	156
MEASURED QG 1970/73		NOV	17.4	169	321	105	177
		DEC	18.9	187	334	105	189
		YEAR	16.5	2025	257	111	115

FOZ DO IGUAÇU - PR		JAN	24.5	226	331	110	175
		FEB	24.5	203	315	113	158
SUBTROPICAL FOREST		MAR	23.7	205	266	111	118
		APR	21.2	196	228	119	77
ALBEDO = 0.14		MAY	19.0	172	186	113	47
		JUN	17.4	142	150	107	22
SUNSHINE (N) 1969/75		JUL	16.8	162	167	113	31
		AUG	18.2	152	195	104	64
MEASURED QG 1969/75		SEP	19.7	143	222	96	95
		OCT	21.1	192	285	108	137
		NOV	22.3	228	333	117	169
		DEC	23.6	229	344	111	185
		YEAR	21.0	2250	252	110	107

GUAIRA - PR		JAN	24.3	225	297	110	145
		FEB	24.2	188	308	108	157
SUBTROPICAL FOREST		MAR	23.4	205	269	112	119
		APR	21.1	228	267	132	90
ALBEDO = 0.14		MAY	19.0	190	215	121	64
		JUN	17.5	156	167	113	31
SUNSHINE (N) 1970/72		JUL	16.9	187	198	124	46
		AUG	18.3	188	219	119	69
MEASURED QG 1970/72		SEP	19.8	147	236	98	105
		OCT	21.2	191	287	107	140
		NOV	22.2	226	329	118	165
		DEC	23.4	227	321	112	164
		YEAR	21.0	2358	259	115	109

GUARAPUAVA - PR		JAN	20.1	188	248		
		FEB	19.9	175	238		
GRASSLANDS		MAR	18.8	192	210		
		APR	16.2	187	179		
ALBEDO = 0.21		MAY	13.7	193	151		
		JUN	12.6	144	125		
SUNSHINE (N) 1931/60		JUL	12.4	196	147		
		AUG	14.4	214	181		
ESTIMATED QG * 1931/60		SEP	16.0	161	190		
		OCT	16.7	185	227		
* USING PONTA GROSSA		NOV	18.3	214	260		
		DEC	19.3	229	274		
		YEAR	16.5	2278	203		

		TEMP	N	QG	RB	QN	
IRATI - PR		JAN	21.1	168	299	95	156
		FEB	20.9	145	241	95	107
		MAR	19.9	156	249	97	112
ARAUCARIA FOREST		APR	17.2	182	226	119	71
		MAY	14.8	179	192	122	39
		JUN	13.3	139	165	110	29
ALBEDO = 0.16		JUL	12.8	162	168	119	22
		AUG	14.3	159	195	112	52
		SEP	15.8	139	206	99	74
SUNSHINE (N)	1967/72	OCT	17.4	145	241	94	108
MEASURED QG	1967/72	NOV	18.7	168	340	100	186
		DEC	20.1	186	334	102	179
		YEAR	17.2	1928	238	105	95

		JAN	21.3	167	476	94	287
JAGUARIAIVA - PR		FEB	21.1	158	468	100	274
		MAR	20.4	190	444	110	245
PERMANENT CROP		APR	17.8	196	396	123	194
		MAY	15.2	198	334	130	137
		JUN	13.6	193	306	137	108
ALBEDO = 0.20		JUL	13.2	210	327	141	121
		AUG	14.9	218	386	138	171
SUNSHINE (N)	1931/60	SEP	16.4	158	383	106	200
		OCT	18.1	177	451	106	255
ESTIMATED QG *	1931/60	NOV	19.3	187	504	107	296
* USING CAMPINAS		DEC	20.5	188	508	103	303
		YEAR	17.6	2240	415	116	216

PALMAS - PR		JAN	19.8	202	269		
		FEB	19.2	176	203		
		MAR	17.9	200	224		
SUBTROPICAL FOREST		APR	14.7	192	210		
		MAY	11.8	188	150		
		JUN	10.7	164	131		
ALBEDO = 0.14		JUL	10.0	195	164		
		AUG	11.9	200	192		
		SEP	14.2	162	212		
SUNSHINE (N)	1931/60	OCT	15.5	186	249		
MEASURED QG	1967/71	NOV	17.5	209	263		
		DEC	18.8	223	274		
		YEAR	15.2	2297	212		

		JAN	24.9	165	550	90	389
PARANAGUA - PR		FEB	24.8	150	530	91	370
		MAR	24.2	164	479	95	322
ATLANTIC RAINFOREST		APR	22.0	152	401	99	250
		MAY	19.7	167	357	111	200
		JUN	18.1	149	307	109	158
ALBEDO = 0.13		JUL	17.1	158	324	112	170
		AUG	17.7	137	343	99	199
SUNSHINE (N)	1931/60	SEP	18.5	99	340	80	216
		OCT	20.0	109	397	78	267
ESTIMATED QG *	1931/60	NOV	21.6	147	513	90	356
* USING CANANEIA		DEC	23.4	159	540	89	381
		YEAR	21.0	1756	423	95	273

	TEMP	N	QG	RB	QN
PONTA GROSSA - PR	JAN 21.7	183	239		
	FEB 21.1	164	232		
GRASSLANDS	MAR 20.0	181	210		
	APR 17.4	176	188		
	MAY 15.4	184	161		
ALBEDO = 0.21	JUN 13.7	164	127		
	JUL 13.1	194	149		
SUNSHINE (N) 1931/60	AUG 15.2	200	171		
	SEP 16.8	160	192		
MEASURED QG 1967/72	OCT 18.0	172	215		
	NOV 19.3	196	252		
	DEC 20.3	201	242		
	YEAR 17.7	2175	198		

BARREIROS - PE	JAN 27.1	267	472	125	286
	FEB 27.2	226	464	121	283
ATLANTIC RAINFOREST	MAR 27.1	190	416	101	261
	APR 26.9	192	390	106	233
	MAY 26.1	209	360	113	200
ALBEDO = 0.13	JUN 25.2	182	330	106	181
	JUL 24.8	193	340	110	186
	AUG 25.0	220	382	118	214
SUNSHINE (N) 1913/33	SEP 26.0	177	396	101	244
	OCT 26.7	252	455	123	273
ESTIMATED QG * 1913/33	NOV 26.8	274	478	132	284
* USING RECIFE	DEC 26.8	269	470	127	282
	YEAR 26.3	2651	413	115	244

BEBEDOURO - PE	JAN 25.6		467		
	FEB 25.8		494		
CAATINGA	MAR 25.7		482		
	APR 25.6		420		
	MAY 24.7		372		
ALBEDO = 0.30	JUN 23.8		348		
	JUL 23.5		384		
	AUG 24.3		441		
	SEP 25.8		495		
	OCT 26.4		511		
MEASURED QG 1968/74	NOV 26.0		511		
	DEC 25.6		474		
	YEAR 25.2		450		

CORRENTES - PE	JAN 25.4	208	495	107	254
	FEB 25.5	168	476	100	247
BUSH SAVANNA	MAR 25.4	168	446	96	230
	APR 25.1	150	403	92	202
	MAY 24.2	124	343	82	168
ALBEDO = 0.27	JUN 23.4	132	333	89	154
	JUL 23.0	114	324	81	156
	AUG 23.5	133	366	86	181
SUNSHINE (N) 1930/35, 1938/42	SEP 24.8	194	456	110	223
	OCT 25.5	212	490	111	247
ESTIMATED QG * 1930/35, 1938/42	NOV 25.4	235	524	121	262
* USING MONTEIRO	DEC 25.2	223	505	113	256
	YEAR 24.7	2061	430	99	215

	TEMP	N	QG	RB	QN
NAZARE DA MATA - PE	JAN 26.4	258	464	125	214
	FEB 26.5	216	456	119	214
BUSH SAVANNA	MAR 26.2	224	436	116	202
	APR 25.6	207	402	114	179
	MAY 24.7	190	356	107	153
	JUN 23.5	173	332	106	136
ALBEDO = 0.27	JUL 22.9	189	345	109	143
	AUG 22.9	204	378	115	161
SUNSHINE (N) 1931/60	SEP 23.7	232	428	125	187
	OCT 24.8	267	463	132	206
ESTIMATED QG * 1931/60	NOV 25.6	262	468	130	212
* USING RECIFE	DEC 26.1	273	467	129	212
	YEAR 24.9	2695	416	119	185

	JAN 24.2	232	515	119	257
PESQUEIRA - PE	FEB 24.4	192	501	113	253
	MAR 24.2	208	483	112	241
BUSH SAVANNA	APR 24.0	185	436	108	210
	MAY 23.1	147	364	94	172
	JUN 22.3	146	347	96	157
ALBEDO = 0.27	JUL 22.0	153	356	96	164
	AUG 22.8	181	408	107	191
SUNSHINE (N) 1912/42	SEP 24.2	207	470	115	228
	OCT 24.8	262	535	130	261
ESTIMATED QG * 1912/42	NOV 24.6	242	530	125	262
* USING MONTEIRO	DEC 24.2	258	534	127	263
	YEAR 23.7	2413	457	112	222

	JAN 27.0	281	472	125	290
RECIFE - PE	FEB 27.1	240	464	125	283
	MAR 27.0	236	439	113	273
URBAN AREA	APR 26.6	213	375	110	220
	MAY 25.6	201	347	108	197
	JUN 24.7	186	326	107	180
ALBEDO = 0.12	JUL 24.2	198	332	106	186
	AUG 24.2	214	406	123	234
SUNSHINE (N) 1931/60	SEP 25.0	244	445	127	265
	OCT 25.9	280	466	134	276
MEASURED QG 1968/74	NOV 26.4	285	490	155	276
	DEC 26.7	294	469	134	279
	YEAR 25.9	2872	419	122	247

	JAN 24.7	244	526	122	262
SAD CAETANO - PE	FEB 24.8	201	510	115	257
	MAR 24.7	190	466	104	236
BUSH SAVANNA	APR 24.5	171	424	102	208
	MAY 23.7	151	378	94	182
	JUN 22.8	144	345	94	158
ALBEDO = 0.27	JUL 22.5	144	349	93	162
	AUG 23.2	163	393	98	189
SUNSHINE (N) 1922/30	SEP 24.5	206	469	114	228
	OCT 25.2	254	528	127	258
ESTIMATED QG * 1922/30	NOV 24.9	251	537	127	265
* USING MONTEIRO	DEC 24.6	249	526	124	260
	YEAR 24.2	2368	454	110	222

		TEMP	N	QG	RB	QN
SURUBIM - PE		JAN 25.3	248	518	123	240
		FEB 25.4	214	518	120	243
		MAR 25.3	244	516	124	237
CAATINGA		APR 25.2	182	416	105	186
		MAY 24.4	258	443	134	176
		JUN 23.6	181	383	108	160
ALBEDO = 0.30		JUL 23.3	195	396	112	165
		AUG 23.8	260	476	135	198
SUNSHINE (N) 1972/73		SEP 25.0	224	505	120	234
		OCT 25.7	278	547	134	249
MEASURED QG 1972/73		NOV 25.5	288	572	140	260
		DEC 25.2	265	523	126	238
		YEAR 24.8	2837	484	124	216

		JAN 26.5	185	378	99	207
FLORIANO - PI		FEB 26.6	169	371	100	201
		MAR 26.5	195	424	104	239
PRAIRIES (BABAÇU REGION)		APR 26.5	208	395	112	208
		MAY 26.0	252	404	128	199
		JUN 25.2	285	412	146	188
ALBEDO = 0.19		JUL 24.9	310	434	152	200
		AUG 25.5	313	474	151	233
SUNSHINE (N) 1970/74		SEP 26.6	296	515	145	272
		OCT 27.1	258	484	125	267
MEASURED QG 1970/74		NOV 26.9	208	441	109	248
		DEC 26.6	224	421	112	229
		YEAR 26.2	2903	429	124	224

		JAN 26.2	206	472	106	224
MORRO DOS CAVALOS - PI		FEB 26.4	214	454	118	200
		MAR 26.4	191	422	103	192
CAATINGA		APR 26.4	240	440	125	183
		MAY 25.7	265	406	134	150
		JUN 24.8	272	411	143	145
ALBEDO = 0.30		JUL 24.5	318	440	157	151
		AUG 25.4	304	499	149	200
SUNSHINE (N) 1972/73		SEP 26.8	296	556	144	245
		OCT 27.2	296	547	138	245
MEASURED QG 1972/73		NOV 26.8	258	481	127	210
		DEC 26.3	234	478	115	220
		YEAR 26.1	3094	467	130	197

		JAN 27.2	195	418	102	237
TEREZINA - PI		FEB 26.5	165	415	99	237
		MAR 26.2	167	397	94	228
PRAIRIES (BABAÇU REGION)		APR 26.3	191	399	106	217
		MAY 26.6	252	408	126	204
		JUN 26.4	279	412	141	193
ALBEDO = 0.19		JUL 26.5	307	432	148	202
		AUG 27.6	322	471	149	233
SUNSHINE (N) 1931/60		SEP 29.1	292	486	139	255
		OCT 29.5	280	484	129	263
ESTIMATED QG * 1931/60		NOV 29.2	250	465	121	256
* USING MARABA		DEC 28.2	219	432	109	241
		YEAR 27.4	2919	435	122	231

	TEMP	N	QG	RB	QN
ALTO ITATIAIA - RJ	JAN 15.3	136	434	91	252
	FEB 15.1	118	410	91	233
	MAR 14.1	148	400	101	215
HIGH ALTITUDE GRASSLANDS AND PRAIRIES	APR 11.7	174	378	122	177
	MAY 9.2	198	343	139	132
	JUN 7.8	209	324	153	103
ALBEDO = 0.21	JUL 7.7	212	329	150	110
	AUG 9.9	227	392	149	161
SUNSHINE (N) 1931/60	SEP 12.1	179	405	122	198
	OCT 13.6	164	426	107	230
ESTIMATED QG * 1925/60	NOV 14.1	150	488	100	286
* USING SAO PAULO ESTATE	DEC 14.5	134	508	90	311
	YEAR 12.1	2049	403	118	201

	JAN 25.0	220	556	108	381
CABO FRIO - RJ	FEB 25.3	202	539	112	362
	MAR 25.1	220	494	115	320
MANGROVE	APR 23.8	201	414	117	247
	MAY 22.4	204	349	122	185
	JUN 21.3	215	330	133	157
ALBEDO = 0.12	JUL 20.7	218	335	132	163
	AUG 20.8	213	373	126	202
SUNSHINE (N) 1931/60	SEP 21.1	157	382	100	236
	OCT 22.0	160	426	95	280
ESTIMATED QG * 1925/60	NOV 23.0	174	488	98	331
* USING SAO PAULO ESTATE	DEC 24.1	184	508	97	350
	YEAR 22.9	2368	433	113	268

	JAN 25.7	231	566	111	370
CAMPOS - RJ	FEB 26.1	204	534	112	342
	MAR 25.5	201	469	107	292
PERMANENT CROP	APR 23.8	194	400	114	226
	MAY 21.9	198	343	119	173
	JUN 20.8	207	319	130	141
ALBEDO = 0.15	JUL 20.1	206	319	127	144
	AUG 20.7	217	379	127	195
SUNSHINE (N) 1931/60	SEP 21.5	147	367	95	217
	OCT 22.6	148	408	90	257
ESTIMATED QG * 1925/60	NOV 23.5	154	458	90	299
* USING SAO PAULO ESTATE	DEC 24.6	162	477	89	316
	YEAR 23.1	2269	420	109	248

	JAN 20.9	182	505	101	338
PETROPOLIS - RJ	FEB 21.0	165	486	103	320
	MAR 20.1	174	434	105	273
ATLANTIC RAINFOREST	APR 18.1	167	371	110	213
	MAY 16.4	191	331	125	163
	JUN 15.6	203	319	137	141
ALBEDO = 0.13	JUL 14.7	212	329	138	148
	AUG 15.7	213	373	134	191
SUNSHINE (N) 1931/60	SEP 16.8	150	367	103	216
	OCT 17.6	148	408	96	259
ESTIMATED QG * 1925/60	NOV 18.3	134	429	89	284
* USING SAO PAULO ESTATE	DEC 19.4	138	436	86	293
	YEAR 17.9	2077	399	111	237

	TEMP	N	QG	RB	QN
PINHEIRAL - RJ	JAN 23.8	194	515	101	321
	FEB 23.8	172	496	103	304
	MAR 23.0	193	460	108	269
ANNUAL CROPS	APR 20.9	180	385	112	204
	MAY 18.8	188	331	120	151
	JUN 17.4	180	293	123	117
ALBEDO = 0.18	JUL 16.8	208	324	133	133
	AUG 17.7	210	373	129	177
SUNSHINE (N) 1931/60	SEP 19.1	157	382	103	210
	OCT 20.6	160	426	97	252
ESTIMATED QG * 1925/60	NOV 21.7	162	468	95	289
* USING SAO PAULO ESTATE	DEC 22.9	167	477	92	299
	YEAR 20.5	2171	411	110	227

RESENDE - RJ	JAN 24.0	176	486	94	314
	FEB 24.0	154	462	95	293
	MAR 23.3	177	432	102	261
PERMANENT AND ANNUAL CROPS	APR 21.5	171	378	107	211
	MAY 19.3	179	327	116	159
	JUN 17.6	178	304	122	133
ALBEDO = 0.16	JUL 17.2	198	328	128	148
	AUG 18.5	209	387	128	197
SUNSHINE (N) 1931/60	SEP 20.0	157	388	102	224
	OCT 21.3	149	416	91	258
ESTIMATED QG * 1931/60	NOV 22.0	151	450	91	287
* USING SAO PAULO ESTATE	DEC 22.9	148	449	87	290
	YEAR 21.0	2047	401	105	231

RIO DE JANEIRO - RJ	JAN 25.9	222	526	108	355
	FEB 26.1	206	541	112	364
	MAR 25.5	215	481	113	310
URBAN AREA	APR 23.9	207	418	119	249
	MAY 22.3	210	356	125	188
	JUN 21.3	194	318	125	155
ALBEDO = 0.12	JUL 20.7	209	337	127	170
	AUG 21.1	205	380	122	212
SUNSHINE (N) 1931/60	SEP 21.5	153	381	98	237
	OCT 22.3	151	418	92	276
ESTIMATED QG * 1931/60	NOV 23.1	181	494	101	334
* USING SAO PAULO ESTATE	DEC 24.5	197	519	100	357
	YEAR 23.2	2350	431	112	267

TEREZOPOLIS - RJ	JAN 21.2	169	485	96	326
	FEB 21.2	151	457	97	301
	MAR 20.3	163	418	100	264
ATLANTIC RAINFOREST	APR 18.0	160	364	107	210
	MAY 15.7	171	313	117	155
	JUN 14.3	177	277	126	115
ALBEDO = 0.13	JUL 13.7	185	302	127	136
	AUG 14.7	192	354	126	182
SUNSHINE (N) 1931/60	SEP 16.4	140	359	99	213
	OCT 17.9	128	381	88	243
ESTIMATED QG * 1925/60	NOV 18.7	122	410	84	273
* USING SAO PAULO ESTATE	DEC 20.0	129	426	83	288
	YEAR 17.7	1887	379	104	226

		TEMP	N	QG	RB	QN
CRUZETA - RN	JAN	26.3	262	485		
	FEB	26.4	203	497		
CAATINGA	MAR	26.4	248	460		
	APR	26.5	215	428		
ALBEDO = 0.30	MAY	25.9	238	414		
	JUN	25.2	214	408		
SUNSHINE (N) 1972/74	JUL	24.8	252	384		
	AUG	25.2	306			
MEASURED QG 1972/74	SEP	26.4	271	525		
	OCT	26.9	288			
	NOV	26.7	301	557		
	DEC	26.3	244	517		
	YEAR	26.1	3042			

MACAU - RN	JAN	27.1	215	507	109	307
	FEB	27.2	172	513	101	320
RESTINGA VEGETATION	MAR	27.1	139	469	83	302
	APR	27.2	126	449	81	287
ALBEDO = 0.18	MAY	26.8	210	436	111	247
	JUN	26.2	206	451	113	257
SUNSHINE (N) 1973/74	JUL	25.8	202	441	109	253
	AUG	25.8	270	505	134	280
MEASURED QG 1973/74	SEP	26.5	257	508	130	287
	OCT	27.1	295	589	138	345
	NOV	27.2	274	589	133	350
	DEC	27.1	265	565	126	337
	YEAR	26.8	2631	502	114	298

NATAL - RN	JAN	27.2	274	570	129	338
	FEB	27.3	233	567	125	340
RESTINGA VEGETATION	MAR	27.3	231	539	115	327
	APR	26.7	205	496	111	296
ALBEDO = 0.18	MAY	26.0	211	458	113	263
	JUN	24.9	196	431	111	242
SUNSHINE (N) 1931/60	JUL	24.4	217	447	117	250
	AUG	24.5	246	496	127	280
ESTIMATED QG * 1931/60	SEP	25.5	262	547	133	316
	OCT	26.3	297	585	140	340
* USING MACAU	NOV	26.7	291	587	139	342
	DEC	27.0	296	580	137	339
	YEAR	26.2	2959	525	125	306

ALEGRETE - RS	JAN	24.7	283	536	126	351
	FEB	24.2	252	504	131	318
ANNUAL CROPS	MAR	22.2	246	417	129	242
	APR	18.2	214	330	133	161
ALBEDO = 0.11	MAY	15.2	189	249	128	94
	JUN	13.3	147	198	117	59
SUNSHINE (N) 1931/60	JUL	12.9	182	228	132	71
	AUG	14.1	204	289	135	122
ESTIMATED QG * 1931/60	SEP	15.9	197	349	126	135
	OCT	18.7	230	430	124	259
* USING BAGE	NOV	20.9	276	527	136	333
	DEC	23.3	299	559	133	365
	YEAR	18.6	2719	385	129	213

		TEMP	N	QG	RB	QN
BAGE - RS		JAN 24.2	253	564	136	304
		FEB 23.5	219	493	133	252
		MAR 21.7	218	409	126	193
ANNUAL CROPS		APR 17.8	188	314	130	115
		MAY 14.8	167	264	138	68
		JUN 12.9	134	196	122	31
ALBEDO = 0.22		JUL 12.2	160	214	123	44
		AUG 13.3	169	270	126	85
SUNSHINE (N) 1931/60		SEP 14.9	170	317	116	131
		OCT 17.5	208	408	123	195
MEASURED QG 1956/65		NOV 20.1	246	499	131	258
		DEC 22.8	264	536	132	286
		YEAR 18.0	2396	374	128	164

CAXIAS DO SUL - RS		JAN 20.6	231	561	116	355
		FEB 20.2	198	519	116	320
		MAR 19.0	217	464	122	268
ARAUCARIA FOREST		APR 15.6	191	370	126	185
		MAY 13.4	184	293	129	117
		JUN 12.1	160	244	125	80
ALBEDO = 0.16		JUL 11.5	186	278	135	99
		AUG 12.8	199	343	133	155
SUNSHINE (N) 1931/60		SEP 13.9	168	364	114	192
		OCT 15.6	199	460	117	269
ESTIMATED QG * 1931/60		NOV 17.5	236	575	126	357
* USING IJUI		DEC 19.4	244	590	120	376
		YEAR 16.0	2413	422	123	231

CRUZ ALTA - RS		JAN 23.8	245	588	117	342
		FEB 23.1	209	542	116	307
		MAR 21.7	218	468	118	247
ANNUAL CROPS		APR 18.1	190	372	122	168
		MAY 15.9	180	290	122	104
		JUN 14.2	143	226	112	64
ALBEDO = 0.22		JUL 13.4	168	259	123	79
		AUG 15.0	177	314	121	124
SUNSHINE (N) 1931/60		SEP 16.3	159	351	108	166
		OCT 18.1	203	467	115	249
ESTIMATED QG * 1931/60		NOV 20.6	242	590	124	336
* USING IJUI		DEC 22.8	259	618	121	361
		YEAR 18.6	2393	424	118	212

DOM. PETROLINI - RS		JAN 24.3	273	626	123	434
		FEB 24.1	232	554	123	370
		MAR 22.9	221	452	118	284
ANNUAL CROPS		APR 19.3	190	358	120	199
		MAY 16.5	178	283	123	129
		JUN 14.7	144	208	115	70
ALBEDO = 0.11		JUL 13.9	133	211	106	82
		AUG 14.8	158	272	113	129
SUNSHINE (N) 1956/65		SEP 16.0	149	328	104	188
		OCT 18.0	206	451	116	285
MEASURED QG 1956/65		NOV 20.3	230	548	119	369
		DEC 22.7	264	609	121	421
		YEAR 19.0	2378	408	117	247

	TEMP	N	QG	RB	QN
ENCROZILHADA DO SUL - RS	JAN 21.7	249	603	130	364
	FEB 21.3	216	532	128	308
ANNUAL CROPS	MAR 20.2	221	442	122	240
	APR 16.7	184	343	126	155
	MAY 14.3	161	288	131	105
ALBEDO = 0.18	JUN 12.5	124	232	126	64
	JUL 11.7	154	237	122	72
	AUG 12.3	170	280	123	107
SUNSHINE (N) 1931/60	SEP 14.0	169	305	111	139
	OCT 15.7	208	435	118	239
MEASURED QG 1958/65	NOV 18.3	242	538	130	311
	DEC 20.3	256	586	128	353
	YEAR 16.6	2354	402	125	205

FARROUPILHA - RS	JAN 21.4	278	552	130	334
	FEB 21.2	220	451	123	256
ARAUCARIA FOREST	MAR 20.1	209	392	118	211
	APR 16.8	184	289	121	122
	MAY 14.1	224	252	147	65
ALBEDO = 0.16	JUN 12.4	178	214	134	46
	JUL 11.8	187	231	135	59
	AUG 13.3	219	229	142	50
SUNSHINE (N) 1963/65	SEP 14.8	235	280	143	92
	OCT 16.7	221	413	124	223
MEASURED QG 1964/65	NOV 18.3	223	460	120	266
	DEC 20.1	203	482	106	299
	YEAR 16.8	2581	354	129	169

IJUI - RS	JAN 22.6	306	662	138	431
	FEB 22.4	208	497	117	310
SUBTROPICAL FOREST	MAR 21.4	217	489	119	302
	APR 18.4	174	364	114	199
	MAY 15.8	202	304	133	128
ALBEDO = 0.14	JUN 14.1	176	278	130	109
	JUL 13.5	165	241	121	86
	AUG 15.1	157	275	111	126
SUNSHINE (N) 1963/65	SEP 16.7	149	319	103	171
	OCT 18.4	228	530	125	331
MEASURED QG 1963/65	NOV 19.8	226	548	120	351
	DEC 21.4	241	603	117	402
	YEAR 18.3	2449	426	121	246

IRAI - RS	JAN 24.1	217	466	106	276
	FEB 23.6	191	439	110	250
ANNUAL CROPS	MAR 22.1	204	387	113	204
	APR 18.4	178	311	116	139
	MAY 16.1	159	242	113	85
ALBEDO = 0.18	JUN 14.7	123	195	101	59
	JUL 13.3	154	223	115	68
	AUG 14.9	168	274	116	109
SUNSHINE (N) 1931/60	SEP 16.8	144	308	100	153
	OCT 19.2	186	393	107	215
ESTIMATED QG * 1931/60	NOV 21.3	208	455	112	261
* USING BAGE	DEC 23.3	246	500	116	294
	YEAR 19.0	2178	349	110	176

		TEMP	N	QG	RB	QN
JULIO CASTILHOS - RS SUBTROPICAL FOREST ALBEDO = 0.14 SUNSHINE (N) 1956/65 MEASURED QG 1956/65	JAN	22.3	282	451	130	258
	FEB	22.2	246	488	132	288
	MAR	21.1	240	353	128	176
	APR	17.9	188	277	121	117
	MAY	15.3	198	217	133	54
	JUN	13.6	163	196	124	45
	JUL	12.9	164	202	122	52
	AUG	14.5	178	229	121	76
	SEP	16.0	178	265	116	112
	OCT	17.8	217	360	121	189
	NOV	19.4	264	450	134	253
	DEC	21.1	277	461	129	267
	YEAR	17.8	2595	329	126	157

OZORIO - RS SUBTROPICAL FOREST ALBEDO = 0.14 SUNSHINE (N) 1958/75 MEASURED QG 1958/75	JAN	24.5	214	481	104	310
	FEB	24.3	191	442	107	273
	MAR	23.2	202	398	110	232
	APR	19.9	170	312	111	157
	MAY	17.4	194	285	128	117
	JUN	15.7	165	229	123	74
	JUL	14.9	170	238	122	83
	AUG	15.8	177	256	120	100
	SEP	16.9	139	272	98	136
	OCT	18.9	182	385	106	225
	NOV	20.8	195	450	107	280
	DEC	23.0	212	513	105	336
	YEAR	19.6	2211	355	112	194

PASSO FUNDO - RS ANNUAL CROPS ALBEDO = 0.22 SUNSHINE (N) 1931/60 ESTIMATED QG * 1931/60 * USING IJUI	JAN	22.4	251	600	120	348
	FEB	21.8	204	534	117	300
	MAR	20.3	229	489	125	256
	APR	17.0	195	380	125	171
	MAY	14.7	177	290	123	103
	JUN	13.2	156	244	120	70
	JUL	13.3	184	281	131	88
	AUG	13.8	183	326	124	130
	SEP	15.6	164	361	110	172
	OCT	18.1	205	472	116	252
	NOV	19.5	240	586	125	332
	DEC	21.8	266	632	125	368
	YEAR	17.6	2454	433	122	216

PORTO ALEGRE - RS URBAN AREA ALBEDO = 0.12 SUNSHINE (N) 1931/60 ESTIMATED QG * 1931/60 * USING BAGE	JAN	24.7	261	513	119	332
	FEB	24.5	218	465	118	291
	MAR	23.3	228	400	120	232
	APR	19.7	192	309	120	152
	MAY	17.1	174	238	119	90
	JUN	15.0	142	195	113	59
	JUL	14.3	165	216	122	68
	AUG	15.3	180	269	122	115
	SEP	16.8	155	309	106	166
	OCT	19.1	208	408	116	243
	NOV	21.3	246	494	123	312
	DEC	23.4	282	541	127	349
	YEAR	19.5	2451	363	119	201

		TEMP	N	QG	RB	QN	
RIO GRANDE - RS		JAN	23.3	270	619	124	384
		FEB	23.3	225	558	122	336
		MAR	22.3	223	446	120	246
RESTINGA VEGETATION		APR	19.0	194	353	124	165
		MAY	16.1	176	280	124	106
		JUN	13.9	139	212	114	60
ALBEDO = 0.18		JUL	12.6	152	211	119	54
		AUG	13.4	164	271	118	104
	SUNSHINE (N)	1968/69	SEP	14.9	166	331	113
MEASURED QG	1956/65	OCT	17.1	204	454	118	254
		NOV	19.3	252	536	129	311
		DEC	21.7	284	597	130	360
		YEAR	18.1	2449	406	121	212

SANTA MARIA - RS		JAN	24.9	240	515	112	331
		FEB	24.3	206	450	114	273
SUBTROPICAL FOREST		MAR	22.8	206	385	112	219
		APR	18.9	178	283	117	126
ALBEDO = 0.14		MAY	16.5	159	245	111	100
		JUN	14.6	121	204	102	73
SUNSHINE (N) 1931/60		JUL	14.1	146	191	112	52
		AUG	15.4	152	216	109	77
MEASURED QG 1963/65		SEP	16.7	156	247	106	106
		OCT	18.9	194	409	112	240
		NOV	21.3	232	449	120	266
		DEC	23.7	258	480	120	293
		YEAR	19.3	2248	340	112	180

SANTA VITORIA DO PALMAR - RS		JAN	22.2	268	516		
		FEB	21.8	233	525		
PRAIRIES		MAR	20.6	221	379		
		APR	17.1	197	296		
ALBEDO = 0.21		MAY	14.3	167	214		
		JUN	12.0	137	173		
SUNSHINE (N) 1931/60		JUL	11.3	147	186		
		AUG	11.9	172	246		
ESTIMATED QG * 1931/60		SEP	13.3	176	314		
		OCT	15.7	213	403		
* USING BAGE		NOV	17.9	250	493		
		DEC	20.5	274	528		
		YEAR	16.6	2455	356		

SAO BORJA - RS		JAN	24.4	307	511	135	264
		FEB	24.3	260	460	134	225
ANNUAL CROPS		MAR	23.3	259	409	131	188
		APR	20.3	222	324	132	121
ALBEDO = 0.22		MAY	17.9	225	276	141	74
		JUN	16.1	179	213	128	38
SUNSHINE (N) 1956/65		JUL	15.5	200	229	136	43
		AUG	16.8	212	267	133	75
MEASURED QG 1956/65		SEP	18.3	224	326	133	121
		OCT	20.0	260	414	134	189
		NOV	21.5	296	480	142	232
		DEC	23.2	306	501	136	255
		YEAR	20.1	2950	368	135	152

	TEMP	N	QG	RB	QN
SAO LUIZ GONZAGA - RS	JAN 25.3	265	517	120	288
	FEB 24.8	220	470	118	253
	MAR 23.2	230	406	120	201
GRASSLANDS AND PRAIRIES	APR 19.2	199	324	124	132
	MAY 16.7	185	254	124	77
	JUN 14.8	136	198	108	48
ALBEDO = 0.21	JUL 14.4	175	231	125	57
	AUG 16.0	192	286	125	101
SUNSHINE (N) 1931/60	SEP 17.5	182	339	116	152
	OCT 19.4	215	419	119	212
ESTIMATED QG * 1931/60	NOV 22.1	258	509	128	274
* USING BAGE	DEC 24.5	276	534	124	298
	YEAR 19.8	2533	374	121	174

TAQUARI - RS	JAN 24.3	296	532	131	327
	FEB 24.2	220	451	119	269
	MAR 23.0	202	351	111	191
SUBTROPICAL FOREST	APR 19.8	157	262	105	120
	MAY 17.3	204	240	133	73
	JUN 15.5	144	185	112	47
ALBEDO = 0.14	JUL 14.7	154	200	115	57
	AUG 15.8	140	198	102	68
SUNSHINE (N) 1963/65	SEP 17.1	146	235	101	101
	OCT 18.9	217	385	120	211
MEASURED QG 1963/65	NOV 20.8	220	440	115	263
	DEC 22.9	238	482	114	301
	YEAR 19.5	2338	330	115	169

URUGUAIANA - RS	JAN 26.3	266	542	139	343
	FEB 25.5	242	469	130	287
	MAR 23.6	222	398	121	233
ANNUAL CROPS	APR 19.2	185	281	125	125
	MAY 16.5	176	250	139	84
	JUN 14.2	135	225	134	66
ALBEDO = 0.11	JUL 13.5	175	219	128	67
	AUG 15.0	198	250	119	104
SUNSHINE (N) 1931/60	SEP 16.9	185	316	121	160
	OCT 19.4	218	437	134	255
MEASURED QG 1964/65	NOV 22.3	260	480	125	302
	DEC 25.1	275	513	119	338
	YEAR 19.8	2537	365	128	197

VERANOPOLIS - RS	JAN 21.4	243	542	119	304
	FEB 21.2	209	506	119	276
	MAR 20.1	225	518	124	280
ANNUAL CROPS	APR 16.9	181	341	119	147
	MAY 14.2	191	290	131	95
	JUN 12.6	154	247	121	72
ALBEDO = 0.22	JUL 12.0	180	267	131	77
	AUG 13.5	181	295	124	106
SUNSHINE (N) 1956/65	SEP 15.1	171	325	114	140
	OCT 16.9	209	457	119	237
MEASURED QG 1956/65	NOV 18.5	223	538	120	300
	DEC 20.1	250	543	122	302
	YEAR 16.9	2417	406	122	195

	TEMP	N	QG	RB	QN
PORTO VELHO - RO	JAN 25.1	111	358	73	238
	FEB 25.2	103	365	76	242
	MAR 25.3	126	373	81	244
AMAZONIAN MOUNTAINS VEGETATION	APR 25.3	134	365	85	233
	MAY 25.3	184	396	105	240
	JUN 25.1	235	449	128	263
ALBEDO = 0.13	JUL 25.0	266	489	137	288
	AUG 26.4	246	498	125	308
SUNSHINE (N) 1956/75	SEP 26.6	200	479	108	309
	OCT 26.1	172	448	95	295
ESTIMATED QG * 1956/75	NOV 25.8	145	416	88	274
* USING MANAUS	DEC 25.4	138	396	83	262
	YEAR 25.6	2060	419	99	266

BOA VISTA - RR	JAN 27.7	206	496	108	274
	FEB 28.0	176	488	102	274
	MAR 28.3	215	514	108	288
GRASSLANDS	APR 28.2	174	437	97	239
	MAY 27.0	166	387	93	205
	JUN 26.2	157	365	92	189
ALBEDO = 0.23	JUL 26.1	151	355	89	184
	AUG 26.6	150	377	88	202
SUNSHINE (N) 1975	SEP 28.1	235	541	119	298
	OCT 28.8	239	551	117	307
ESTIMATED QG * 1975	NOV 28.6	242	564	121	313
* USING MANAUS	DEC 28.3	200	482	104	267
	YEAR 27.6	2311	463	103	253

FLORIANOPOLIS - SC	JAN 24.4	192	602	98	396
	FEB 24.3	167	563	99	363
	MAR 23.8	186	512	104	316
RESTINGA VEGETATION	APR 21.3	173	427	110	240
	MAY 19.3	179	360	118	177
	JUN 17.6	160	309	117	136
ALBEDO = 0.18	JUL 16.5	178	337	123	153
	AUG 16.8	174	383	117	197
SUNSHINE (N) 1931/60	SEP 17.8	140	406	97	236
	OCT 19.3	148	467	94	289
ESTIMATED QG * 1931/60	NOV 20.8	171	561	98	362
* USING CANANEIA	DEC 22.8	204	634	104	416
	YEAR 20.4	2072	463	107	273

LAGES - SC	JAN 20.4	213	488	110	300
	FEB 20.1	178	441	109	261
	MAR 18.9	193	397	114	219
ARAUCARIA FOREST	APR 16.0	165	307	113	145
	MAY 13.2	155	240	115	87
	JUN 11.5	148	216	119	62
ALBEDO = 0.16	JUL 10.9	168	246	126	81
	AUG 12.3	176	295	123	125
SUNSHINE (N) 1931/60	SEP 13.9	145	293	105	141
	OCT 15.6	168	363	106	199
ESTIMATED QG * 1931/60	NOV 17.4	206	483	116	290
* USING OZORIO	DEC 19.3	230	529	118	326
	YEAR 15.8	2145	358	115	186

	TEMP	N	QG	RB	QN
LAGUNA - SC	JAN 23.6	214	646	106	424
	FEB 23.7	177	583	103	375
RESTINGA VEGETATION	MAR 23.1	199	532	109	327
	APR 20.7	182	436	114	244
	MAY 18.1	178	352	119	170
ALBEDO = 0.18	JUN 16.5	157	297	117	127
	JUL 15.7	180	332	126	146
SUNSHINE (N) 1931/60	AUG 16.9	169	374	113	194
	SEP 17.1	145	410	101	235
ESTIMATED QG * 1931/60	OCT 18.6	172	512	104	316
* USING CANANEIA	NOV 20.2	205	631	112	405
	DEC 22.2	233	689	113	452
	YEAR 19.6	2211	483	111	285

SAO FRANCISCO DO SUL - SC	JAN 24.5	171	561	92	368
	FEB 24.4	147	521	91	336
RESTINGA VEGETATION	MAR 23.9	168	484	97	300
	APR 21.5	158	409	103	232
	MAY 19.5	159	340	108	171
ALBEDO = 0.18	JUN 18.0	137	286	104	131
	JUL 16.6	152	311	109	146
	AUG 17.1	136	336	98	178
SUNSHINE (N) 1931/60	SEP 18.1	103	344	82	200
	OCT 19.6	115	413	80	259
ESTIMATED QG * 1931/60	NOV 21.2	150	517	90	334
* USING CANANEIA	DEC 23.0	168	555	91	364
	YEAR 20.6	1764	423	95	252

ATALIBA LEONEL - SP	JAN 22.6	203	370	106	190
	FEB 22.5	180	363	107	183
PERMANENT CROPS	MAR 21.6	216	347	118	160
	APR 19.3	218	319	131	124
	MAY 17.2	221	281	137	88
ALBEDO = 0.20	JUN 15.7	205	275	138	82
	JUL 15.2	218	281	141	84
	AUG 16.5	213	292	132	102
SUNSHINE (N) 1972/76	SEP 18.0	200	314	122	129
	OCT 19.4	199	359	113	174
MEASURED QG 1972/76	NOV 20.5	214	387	116	194
	DEC 21.7	192	366	102	191
	YEAR 19.2	2479	330	122	142

BOTUCATU - SP	JAN 21.3	165	443	94	269
	FEB 21.2	182	448	110	257
PERMANENT AND ANNUAL CROPS	MAR 20.3	229	426	125	224
	APR 18.0	227	391	138	183
	MAY 15.8	236	336	146	130
ALBEDO = 0.18	JUN 14.4	223	311	150	105
	JUL 13.9	236	337	151	125
	AUG 15.4	212	349	134	152
SUNSHINE (N) 1971/74	SEP 16.9	198	364	124	174
	OCT 18.4	223	451	123	247
MEASURED QG 1971/74	NOV 19.4	217	500	119	291
	DEC 20.4	149	427	89	261
	YEAR 17.9	2497	399	125	202

	TEMP	N	QG	RB	QN
CAMPINAS - SP	JAN 22.3	211	533	109	323
	FEB 22.2	169	484	103	289
PERMANENT AND ANNUAL CROPS	MAR 21.3	208	476	116	270
	APR 19.0	215	430	130	218
	MAY 16.9	225	373	139	163
ALBEDO = 0.19	JUN 15.5	212	332	142	127
	JUL 14.9	238	358	151	139
	AUG 16.2	251	420	150	190
SUNSHINE (N) 1956/65	SEP 17.6	175	402	112	214
	OCT 19.1	187	458	109	262
MEASURED QG 1956/65	NOV 20.2	225	550	121	325
	DEC 21.4	222	546	113	329
	YEAR 18.9	2538	447	125	237

CAMPOS DO JORDAO - SP	JAN 18.2	120	406	81	260
	FEB 18.0	165	476	107	293
ARAUCARIA FOREST	MAR 17.1	166	417	105	245
	APR 14.7	177	381	119	201
	MAY 12.3	218	363	144	161
ALBEDO = 0.16	JUN 11.0	183	306	135	122
	JUL 10.7	252	377	165	152
	AUG 12.5	248	425	155	202
SUNSHINE (N) 1974/75	SEP 14.3	204	444	130	243
	OCT 15.9	175	448	109	267
ESTIMATED QG * 1974/75	NOV 16.6	158	458	100	285
* USING PINDAMONHANGABA	DEC 17.3	113	398	79	255
	YEAR 14.9	2179	408	119	224

IGUAPE - SP	JAN 25.1	171	561	91	369
	FEB 25.1	146	522	90	338
RESTINGA VEGETATION	MAR 24.5	166	484	96	301
	APR 22.3	163	425	103	246
	MAY 19.8	147	333	102	171
ALBEDO = 0.18	JUN 18.4	128	283	98	134
	JUL 17.3	132	295	99	143
	AUG 18.2	122	323	90	175
SUNSHINE (N) 1931/60	SEP 19.2	104	351	80	208
	OCT 20.6	101	383	75	239
ESTIMATED QG * 1931/60	NOV 22.0	134	487	85	314
* USING CANANEIA	DEC 23.9	175	572	93	376
	YEAR 21.4	1689	418	92	251

MOCOCA - SP	JAN 22.6	202	517	106	328
	FEB 22.6	175	498	106	312
PERMANENT AND ANNUAL CROPS	MAR 21.8	227	479	123	279
	APR 19.8	236	452	137	243
	MAY 17.8	237	414	142	206
ALBEDO = 0.16	JUN 16.4	230	377	148	169
	JUL 15.9	236	395	150	182
	AUG 17.3	256	417	149	201
SUNSHINE (N) 1972/76	SEP 18.8	229	433	133	231
	OCT 20.2	214	488	118	292
MEASURED QG 1972/76	NOV 21.0	224	515	119	314
	DEC 21.8	208	501	108	313
	YEAR 19.7	2674	457	128	256

	TEMP	N	QG	RB	QN
PRESIDENTE PRUDENTE - SP	JAN 24.6	201	367	103	191
	FEB 24.6	224	410	121	207
	MAR 24.0	240	371	123	174
ANNUAL CROPS	APR 22.1	226	320	129	127
	MAY 19.7	211	261	129	80
	JUN 18.4	204	239	132	59
ALBEDO = 0.20	JUL 18.9	221	254	136	67
	AUG 20.7	212	283	126	100
SUNSHINE (N) 1976/79	SEP 22.1	167	293	103	131
	OCT 23.1	233	382	120	186
ESTIMATED QG * 1976/79	NOV 23.9	217	394	112	203
* USING PRESIDENTE PRUDENTE	DEC 24.5	183	363	96	194
	YEAR 22.2	2539	328	119	143

RIBEIRAO PRETO - SP	JAN 22.9	193	510	102	316
	FEB 22.8	165	478	101	291
	MAR 22.1	227	500	122	288
PERMANENT CROPS	APR 20.2	219	435	129	228
	MAY 18.2	227	373	137	169
	JUN 16.8	227	344	146	136
ALBEDO = 0.18	JUL 16.3	240	358	148	146
	AUG 17.7	246	413	144	195
SUNSHINE (N) 1956/1965	SEP 19.2	218	455	128	245
	OCT 20.6	213	494	117	288
MEASURED QG 1956/1965	NOV 21.3	228	556	120	336
	DEC 22.1	211	535	109	330
	YEAR 20.0	2614	454	125	247

SALTO GRANDE - SP	JAN 23.5	174	354	94	196
	FEB 23.5	162	345	99	184
	MAR 22.7	201	335	111	164
PERMANENT CROPS	APR 20.4	225	316	132	127
	MAY 18.4	208	254	129	79
	JUN 16.9	183	221	126	55
ALBEDO = 0.18	JUL 16.4	201	237	131	63
	AUG 17.6	199	269	125	96
SUNSHINE (N) 1970/75	SEP 19.0	168	291	107	132
	OCT 20.4	195	346	110	174
ESTIMATED QG * 1970/75	NOV 21.5	198	376	109	199
* USING CAMPINAS	DEC 22.7	159	342	90	190
	YEAR 20.2	2273	307	114	138

SANTOS - SP	JAN 25.2	163	546	88	360
	FEB 25.3	141	513	88	333
	MAR 24.8	176	505	98	316
RESTINGA VEGETATION	APR 22.8	166	434	104	252
	MAY 20.8	173	376	111	197
	JUN 19.3	170	346	116	168
ALBEDO = 0.18	JUL 18.5	171	353	114	175
	AUG 19.0	156	379	105	206
SUNSHINE (N) 1931/60	SEP 19.7	121	384	87	228
	OCT 20.9	115	412	80	258
ESTIMATED QG * 1931/60	NOV 22.2	140	501	87	324
* USING CANANEIA	DEC 23.9	153	527	86	346
	YEAR 21.9	1845	440	97	264

	TEMP	N	QG	RB	QN
SAO PAULO - SP	JAN 21.4	159	473	91	325
	FEB 21.6	151	460	97	308
URBAN AREA	MAR 20.8	166	416	101	265
	APR 18.8	168	362	111	208
	MAY 16.6	171	304	115	153
	JUN 15.7	161	274	117	124
ALBEDO = 0.12	JUL 15.3	182	295	123	137
	AUG 16.5	178	337	117	180
SUNSHINE (N) 1958/77	SEP 17.4	145	373	100	228
	OCT 18.1	137	412	91	272
ESTIMATED QG * 1958/77	NOV 19.2	154	464	95	313
* USING SAO PAULO	DEC 20.4	145	463	88	319
	YEAR 18.5	1917	386	104	236

ARACAJU - SE	JAN 26.5	253	470	121	264
	FEB 26.8	225	465	121	260
RESTINGA VEGETATION	MAR 26.9	224	433	115	240
	APR 26.4	214	396	115	210
	MAY 25.4	190	342	107	173
	JUN 24.5	186	323	110	155
ALBEDO = 0.18	JUL 23.8	179	324	105	161
	AUG 23.7	201	366	113	187
SUNSHINE (N) 1931/60	SEP 24.5	214	407	113	221
	OCT 25.4	242	450	121	248
ESTIMATED QG * 1931/60	NOV 25.8	246	467	123	260
* USING RECIFE	DEC 26.2	268	475	127	263
	YEAR 25.5	2642	410	116	220

ITABAIANINHA - SE	JAN 25.8	186	504		
	FEB 25.9	146	472		
BUSH SAVANNA	MAR 25.6	136	429		
	APR 25.0	156	398		
	MAY 24.0	152	341		
	JUN 23.0	165	341		
ALBEDO = 0.27	JUL 22.6	167	351		
	AUG 23.0	180	414		
SUNSHINE (N) 1974/76	SEP 24.1	132	408		
	OCT 25.0	108	379		
ESTIMATED QG * 1974/76	NOV 25.3	189	491		
* USING SALVADOR E PROPRIA	DEC 25.5	214	508		
	YEAR 24.6	1931	420		

PROPRIA - SE	JAN 27.2	226	562	111	282
	FEB 27.9	210	551	114	272
CAATINGA	MAR 27.8	214	505	109	245
	APR 26.8	189	440	107	201
	MAY 25.2	177	365	102	154
	JUN 23.8	165	351	103	143
ALBEDO = 0.30	JUL 23.0	177	365	106	150
	AUG 22.9	208	449	117	197
SUNSHINE (N) 1974/76	SEP 24.3	195	491	112	232
	OCT 25.8	242	544	122	259
MEASURED QG 1974/76	NOV 26.8	255	561	125	268
	DEC 27.4	264	570	123	276
	YEAR 25.7	2522	480	113	223