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SUPLEMENTO

TEMPERATURAS DO SOLO
NA REGIÃO TERCIÁRIA DA
AMAZÔNIA CENTRAL

II. AREIAS BRANCAS E ROÇADOS

W. L. Brinkmann, M. N. Goes Ribeiro e J. B. Pate.

SOIL TEMPERATURES
IN THE TERCIARY REGION
OF CENTRAL AMAZONIA

II. CLEARED WHITE SAND AREAS

W. L. Brinkmann, M. N. Goes Ribeiro and J. B. Pate.

Temperaturas do solo na região Terciária da Amazônia Central

II. Areias brancas e roçados *

W. L. F. Brinkmann, ** M. N. Góes Ribeiro ** e J. B. Pate ***

A temperatura do solo é fator importante para a vida vegetal.

Fator crítico para a germinação, o desenvolvimento de raízes, a absorção e a eliminação de nutrientes a temperatura ainda influencia a capacidade do solo reter água, a atividade e abundância de microorganismos fotossintéticos e não fotossintéticos no "litter".

Ainda não havia observações de longa duração sobre a temperatura do solo na Amazônia. Cientistas do INPA e do NCAR, num esforço conjunto, resolveram preencher a lacuna.

A permuta de calor entre as diversas camadas do solo, i. e. os mecanismos físicos dos vários processos energéticos no solo, não são discutidos no presente trabalho, já que uma avaliação detalhada da temperatura em vários tipos de solo da Amazônia Central constitui assunto de outro trabalho em conclusão (1).

As temperaturas do solo foram registradas simultaneamente a três profundidades diferentes, utilizando-se um termógrafo registrador à distância munido de três sensores e localizado a 120 cm do solo, num abrigo especialmente desenhado.

* Este é o segundo de uma série de estudos sobre o solo da Amazônia, executado pelo Laboratório de Fatores Ambientais do Instituto Nacional de Pesquisas da Amazônia, dentro do Programa Integrado de Pesquisas Florestais, financiado pelo BNDE, Banco Nacional de Desenvolvimento Econômico, Contrato FUNTEC 89/70.

** Do Instituto Nacional de Pesquisas da Amazônia, órgão do Conselho Nacional de Pesquisas.

*** Do National Center for Atmospheric Research, Colorado, USA, patrocinado pela National Science Foundation.

Soil temperatures in the Tertiary region of central Amazon.

II. Cleared white sand areas.

W. L. F. Brinkmann, * M. N. Góes Ribeiro * and J. B. Pate. **

Soil temperatures are an important factor in plant life. They are a critical factor for germination, root development or nutrient uptake and release of various cultivated crops and plants. They are closely related to soil water capacity and partly control the activity and abundance of photosynthetic and non-photosynthetic microorganisms in the soil and litter layers.

Up to 1969, long-term soil temperature measurements were not available for the Tertiary region of central Amazonia neither for natural forest sites nor for clearcut areas. This challenge was answered by INPA/NCAR scientists in a joint effort with the present set of soil temperature data. Heat exchange between different soil layers, i. e. the physical mechanisms of various energetic processes in the soil were not discussed in this paper, because a detailed evaluation of soil temperatures of various central Amazonian soil types is under way (1).

Soil temperatures were recorded simultaneously for three different depths by a remote recording three point thermograph set up in a special designed instrument shelter at about 120 cm above the forest floor.

The temperature sensors are mercury filled bulbs encased in brass probes with capillary connection to the instrument.

* Instituto Nacional de Pesquisas da Amazônia (INPA), MANAUS, Amazonas, BRASIL (INPA is sponsored by the National Research Council of Brazil).

** National Center for Atmospheric Research, Boulder, Colorado, U.S.A. (NCAR is sponsored by the National Science Foundation).

Os sensores utilizados são a mercúrio, encastoados em sondas de bronze e com comunicação capilar com o termógrafo. As sondas são "temperature compensated". Todo o sistema capilar é protegido com tubulação plástica para reduzir ao mínimo a corrosão. Somente são registradas as temperaturas das sondas.

A calibração do termógrafo, executada em laboratório antes do início dos trabalhos, foi revisada cada três meses utilizando-se para comparação um jogo de termômetros de solo convencionais. A precisão obtida foi da ordem de mais ou menos 0,3°C durante todo o período da experiência.

A temperatura do solo foi registrada a três profundidades (20 - 40 cm); (40 - 60 cm); (60 - 80 cm), estando as sondas colocadas verticalmente. O termógrafo estava equipado com tambor fazendo revolução completa em 7 dias.

O perfeito contato das sondas com o solo foi garantido pelo reenchimento do orifício em torno da sonda com o solo retirado pela broca, umedecido e bem apertado. As medidas foram iniciadas duas semanas após a instalação das sondas.

Temperaturas do solo foram registradas no Km 18 da rodovia Manaus-Itacoatiara no declive de uma chapada (roçado).

A quatro anos passados a mata primitiva desta área (solo de areia branca) foi cortada e queimada, iniciando-se aí uma plantação de abacaxi que não chegou a se desenvolver. Dois anos após a queima foi iniciada uma plantação de coqueiros apresentando na presente data um incremento extremamente baixo, estando no momento a região coberta por uma mata secundária (capoeira) que possui como espécie dominante a imbaúba (**Cecropia** spp), atingindo alturas que variam de 2 a 4 metros. O solo da área estudada foi classificado como areia branca profunda semelhante aos podsolos gigantes descritos para uma área próxima (2).

Na superfície as areias são impregnadas com partículas de carvão vegetal resultante da queimada.

The probes are temperature compensated. Additionally, the capillary systems were protected with plastic hoses to reduce corrosion to the very minimum. Only probe temperatures are recorded. The thermograph was laboratory calibrated before exposure. Every three months, the calibration was adjusted by means of a set of soil thermometers. The accuracy obtained was in the order of about 0.3°C over the period of measurements.

Soil temperatures were recorded for three depths (20 - 40 cm; 40 - 60 cm and 60 - 80 cm) with temperature probes exposed vertically operating with a 7-day drum rotation. Direct soil contact of the probes was guaranteed by tightly fitting boreholes, which were closed after exposure with washed-in soil from the auger blade. After a two weeks settling, the thermograph was put into operation.

Soil temperatures were recorded near Km 18 of the Manaus-Itacoatiara Road on a slightly inclined hill slope. The site was a so-called roça (cleared area). Four years earlier, the forest, a natural climax forest on poor white sands, was slashed and burned. There was some pineapple cultivation, but the agricultural effort failed. Two years ago, coco palms were planted. The increment of the plantation is extremely poor.

Today, the hill slope is completely covered with a secondary forest, which is dominated by 2 m - 4 m high Imbaúbas (**Cecropia** spp.). Soils were classified as deep white sand layers somewhat similar to giant podzols, described for a nearby area (2). The surface layer is impregnated with charcoal particles as a result of early burning. This particular soil type is approximately representative for about 0.5 to 1.0 percent of the Tertiary region along the Manaus-Itacoatiara Road.

Aquê tipo de solo é representativo para 0,5 - 1,0 por cento para todos os solos da região da Estrada Manaus-Itacoatiara.

Análises mecânicas do solo (média de três análises de cada profundidade) como segue :

Profundidade (cm)	¹⁾ Areia (> 0.2 mm)	¹⁾ areia muito fina (0.2 - 0.002mm)	¹⁾ argila (< 0.002mm)
20 — 40	96 %	4 %	—
40 — 60	95 %	4 %	1 %
60 — 80	84 %	10 %	6 %

1) Textura conforme classificação internacional de Atterberg.

Os registros de temperatura foram removidos cada 7 dias. Foram anotadas as temperaturas registradas cada duas horas e a tabulação foi executada no INPA. Dados tabulados foram remetidos ao NCAR para perfuração em cartões e computação. O termógrafo utilizado em virtude do convênio entre o Conselho Nacional de Pesquisas e o Instituto Max Planck para Limnologia, Ploen, pertence ao Departamento de Ecologia Tropical daquele Instituto.

Mechanical soil analyses (average of 3 subsamples each) was as follows :

soil depth (cms)	¹⁾ sand (> 0.2 mm)	¹⁾ silt (0.2 - 0.002 mm)	clay (< 0.002mm)
20 — 40	96 %	4 %	—
40 — 60	95 %	4 %	1 %
60 — 80	84 %	10 %	6 %

1) Texture according to the international Atterberg Classification.

The recording charts were reset every 7 days. Soil temperature data were evaluated in two hourly intervals over the period of measurements and tabulated at INPA. The tabulated raw data were key punched and computerized at NCAR. The thermograph was supplied by the Max Planck Institute for Limnology, Department of Tropical Ecology, Ploen. The research effort was granted by the Banco Nacional de Desenvolvimento Econômico under contract INPA/FUNTEC 89/70.

References.

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KILOMETER 18 STATION BRAZIL

5 JUN 1968				6 JUN 1968			7 JUN 1968			
20-40 CM.		40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME
TIME										
				28.3	27.6	27.2	29.0	28.1	27.6	200
				27.9	27.5	27.3	28.5	28.1	27.7	400
				27.5	27.5	27.3	28.0	28.0	27.8	600
				27.3	27.5	27.4	27.8	28.1	28.0	800
				27.3	27.6	27.5	28.0	28.3	28.2	1000
	27.5	27.2	27.5	28.0	27.7	27.8	29.0	28.4	28.4	1200
	28.6	27.2	27.4	29.9	27.9	28.0	30.0	28.4	28.4	1400
	29.5	27.2	27.2	30.1	28.0	27.9	31.1	28.5	28.3	1600
	29.7	27.3	27.0	30.6	28.0	27.7	31.6	28.6	28.2	1800
	29.5	27.4	27.0	30.4	28.0	27.6	31.4	28.6	28.1	2000
	29.2	27.5	27.1	29.9	28.1	27.6	30.9	28.7	28.1	2200
	28.7	27.6	27.2	29.4	28.1	27.6	30.3	28.8	28.1	2400
MINIMUM	27.5	27.2	27.0	27.3	27.5	27.2	27.8	28.0	27.6	
MAXIMUM	29.7	27.6	27.5	30.6	28.1	28.0	31.6	28.8	28.4	
MEAN	29.0	27.3	27.2	28.9	27.8	27.6	29.6	28.4	28.1	
MEDIAN	29.2	27.3	27.2	29.4	27.9	27.6	30.0	28.4	28.1	
RANGE	2.2	.4	.5	3.3	.6	.8	3.8	.8	.8	
R.S.D.	2.4	.5	.7	4.2	.8	.9	4.6	.9	.9	

KILOMETER 18 STATION BRAZIL

TIME	8 JUN 1968			9 JUN 1968			10 JUN 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.8	28.8	28.1	29.0	28.7	28.3	29.7	29.0	28.5	200
400	29.3	28.7	28.1	28.5	28.6	28.3	29.2	29.0	28.5	400
600	28.8	28.6	28.1	28.2	28.5	28.3	28.9	28.9	28.5	600
800	28.5	28.6	28.4	27.9	28.6	28.5	28.6	29.0	28.7	800
1000	28.7	28.8	28.6	28.3	28.7	28.7	29.0	29.0	28.8	1000
1200	29.5	28.8	28.6	29.0	28.8	28.8	29.5	29.0	28.9	1200
1400	30.0	28.8	28.7	30.1	28.8	28.7	30.5	29.1	28.8	1400
1600	30.4	28.9	28.5	30.8	28.8	28.6	31.5	29.1	28.7	1600
1800	30.5	28.9	28.4	31.2	28.9	28.5	31.8	29.2	28.6	1800
2000	30.3	28.8	28.3	30.9	29.0	28.5	31.7	29.2	28.5	2000
2200	29.9	28.8	28.3	30.5	29.0	28.4	31.3	29.3	28.5	2200
2400	29.4	28.8	28.3	30.1	29.0	28.5	30.8	29.3	28.5	2400
MINIMUM	28.0	28.6	28.1	27.9	28.5	28.3	28.6	28.9	28.5	
MAXIMUM	30.5	28.9	28.7	31.2	29.0	28.8	31.8	29.3	28.9	
MEAN	29.6	28.8	28.4	29.5	28.8	28.5	30.2	29.1	28.6	
MEDIAN	29.8	28.8	28.4	30.1	28.8	28.5	30.5	29.1	28.6	
RANGE	2.0	.3	.6	3.3	.5	.5	3.2	.4	.4	
R.S.D.	2.2	.3	.7	3.8	.6	.6	3.8	.4	.5	

KILOMETER 18 STATION BRAZIL

11 JUN 1968

12 JUN 1968

13 JUN 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	30.3	29.3	28.5	29.4	29.2	28.7	29.3	29.2	28.7	200
400	29.9	29.3	28.6	29.2	29.1	28.7	28.8	29.1	28.7	400
600	29.5	29.2	28.7	28.9	29.0	28.7	28.4	29.0	28.7	600
800	29.2	29.2	28.7	28.7	29.0	28.7	28.1	28.9	28.8	800
1000	29.1	29.2	28.8	28.8	29.1	29.0	28.1	28.9	28.8	1000
1200	29.5	29.3	29.0	29.5	29.2	29.1	28.3	28.8	28.8	1200
1400	30.0	29.4	29.1	30.2	29.3	29.2	28.9	28.9	29.0	1400
1600	30.6	29.3	29.0	31.0	29.3	29.1	29.5	28.9	29.0	1600
1800	30.7	29.2	28.8	31.2	29.2	28.9	29.9	28.9	28.9	1800
2000	30.4	29.2	28.7	31.0	29.2	28.8	29.6	28.8	28.7	2000
2200	30.1	29.2	28.7	30.5	29.2	28.7	29.2	28.8	28.6	2200
2400	29.7	29.2	28.7	29.9	29.2	28.7	28.7	28.8	28.5	2400

MINIMUM 29.1 29.2 28.5 28.7 29.0 28.7 28.1 28.8 28.5

MAXIMUM 30.7 29.4 29.1 31.2 29.3 29.2 29.9 29.2 29.0

MEAN 29.9 29.2 28.8 29.9 29.2 28.9 28.9 28.9 28.8

MEDIAN 30.0 29.2 28.7 29.9 29.2 28.8 28.9 28.9 28.8

RANGE 1.6 .2 .6 2.5 .3 .5 1.8 .4 .5

R.S.D. 1.7 .2 .6 2.9 .3 .6 2.0 .4 .5

KILOMETER 18 STATION BRAZIL

	14 JUN 1968			15 JUN 1968			16 JUN 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	0 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	28.3	28.7	28.5	29.2	28.8	28.5	29.9	29.2	28.6	200
400	27.8	28.6	28.5	28.7	28.7	28.5	29.2	29.1	28.6	400
600	27.5	28.4	28.5	28.2	28.6	28.5	28.7	29.0	28.6	600
800	27.3	28.3	28.5	27.8	28.5	28.5	28.2	28.9	28.7	800
1000	27.5	28.4	28.7	28.0	28.7	28.8	28.2	29.0	29.0	1000
1200	28.4	28.6	28.9	29.0	28.8	29.0	29.0	29.2	29.3	1200
1400	29.5	28.6	28.9	30.1	28.9	29.0	30.5	29.3	29.3	1400
1600	30.6	28.7	28.8	31.4	29.0	29.0	31.7	29.4	29.3	1600
1800	31.0	28.7	28.6	32.0	29.2	28.9	32.2	29.5	29.2	1800
2000	30.7	28.7	28.5	31.8	29.2	28.7	32.0	29.5	29.0	2000
2200	30.2	28.8	28.5	31.2	29.2	28.6	31.5	29.6	28.9	2200
2400	29.7	28.8	28.5	30.5	29.3	28.6	30.8	29.6	28.9	2400
MINIMUM	27.3	28.3	28.5	27.8	28.5	28.5	28.2	28.9	28.6	
MAXIMUM	31.0	28.8	28.9	32.0	29.3	29.0	32.2	29.6	29.3	
MEAN	29.0	28.6	28.6	29.8	28.9	28.7	30.2	29.3	28.9	
MEDIAN	29.5	28.7	28.5	30.1	28.9	28.7	30.5	29.3	29.0	
RANGE	3.7	.5	.4	4.2	.8	.5	4.0	.7	.7	
R.S.D.	4.6	.5	.5	4.9	.9	.7	4.7	.8	.9	

KILOMETER 18 STATION BRAZIL

TIME	17 JUN 1968			18 JUN 1968			19 JUN 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	30.2	29.6	29.0	30.2	29.8	29.2	30.4	30.0	29.5	
400	29.8	29.5	29.0	29.7	29.7	29.3	29.9	29.9	29.5	
600	29.2	29.4	29.0	29.3	29.6	29.4	29.5	29.8	29.5	600
800	28.8	29.4	29.2	29.2	29.6	29.5	29.4	29.9	29.6	800
1000	29.2	29.6	29.5	29.5	29.8	29.7	29.6	30.0	29.9	1000
1200	30.2	29.7	29.6	30.5	29.9	29.9	30.2	29.9	29.9	1200
1400	31.4	29.7	29.6	31.7	30.0	29.9	30.7	29.8	29.7	1400
1600	32.0	29.8	29.5	32.3	30.0	29.7	30.6	29.7	29.6	1600
1800	32.0	29.8	29.3	32.3	30.0	29.6	30.4	29.7	29.5	1800
2000	31.6	29.8	29.2	31.8	30.1	29.5	30.0	29.6	29.5	2000
2200	31.1	29.8	29.2	31.3	30.1	29.4	29.6	29.6	29.4	2200
2400	30.6	29.8	29.2	30.8	30.0	29.5	29.3	29.5	29.4	2400
MINIMUM	28.8	29.4	29.0	29.2	29.6	29.2	29.3	29.5	29.4	
MAXIMUM	32.0	29.8	29.6	32.3	30.1	29.9	30.7	30.0	29.9	
MEAN	30.5	29.7	29.3	30.7	29.9	29.5	30.0	29.8	29.6	
MEDIAN	30.6	29.7	29.2	30.8	30.0	29.5	30.0	29.8	29.5	
RANGE	3.2	.4	.6	3.1	.5	.7	1.4	.5	.5	
R.S.D.	3.5	.5	.7	3.6	.6	.7	1.6	.5	.5	

KILOMETER 18 STATION BRAZIL

TIME	20 JUN 1968			21 JUN 1968			22 JUN 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.8	29.4	29.3	27.7	28.7	28.9	28.4	28.7	28.7	200
400	28.5	29.3	29.3	27.4	28.6	28.9	28.0	28.6	28.7	400
600	28.2	29.2	29.3	27.0	28.5	28.8	27.6	28.5	28.7	600
800	28.0	29.2	29.3	27.0	28.5	28.9	27.3	28.4	28.7	800
1000	28.3	29.2	29.4	27.6	28.6	29.1	27.1	28.3	28.7	1000
1200	29.0	29.3	29.5	28.6	28.6	29.1	27.5	28.5	28.8	1200
1400	29.9	29.2	29.4	29.7	28.7	29.1	28.0	28.4	28.8	1400
1600	30.0	29.2	29.2	30.4	28.8	29.1	28.4	28.4	28.7	1600
1800	29.5	29.1	29.1	30.5	28.8	28.9	28.4	28.3	28.6	1800
2000	29.0	29.0	29.0	30.1	28.8	28.8	28.1	28.3	28.5	2000
2200	28.5	29.0	29.0	29.5	28.8	28.7	27.7	28.2	28.5	2200
2400	28.1	28.9	29.0	29.0	28.8	28.7	27.5	28.2	28.5	2400
MINIMUM	28.0	28.9	29.0	27.0	28.5	28.7	27.1	28.2	28.5	
MAXIMUM	30.0	29.4	29.5	30.5	28.8	29.1	28.4	28.7	28.8	
MEAN	28.8	29.2	29.2	28.7	28.7	28.9	27.8	28.4	28.7	
MEDIAN	28.8	29.2	29.3	29.0	28.7	28.9	28.0	28.4	28.7	
RANGE	2.0	.5	.5	3.5	.3	.4	1.3	.5	.3	
R.S.D.	2.3	.5	.6	4.4	.4	.5	1.5	.5	.4	

KILOMETER 18 STATION BRAZIL

23 JUN 1968				24 JUN 1968			25 JUN 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.2	28.1	28.4	28.2	28.4	28.4	29.3	29.0	28.6	200
400	27.0	28.0	28.4	27.8	28.4	28.4	28.9	29.0	28.7	400
600	26.7	27.9	28.3	27.6	28.3	28.5	28.5	28.9	28.8	600
800	26.6	27.9	28.4	27.5	28.3	28.6	28.4	29.0	28.9	800
1000	27.0	28.0	28.5	28.2	28.5	28.7	29.0	29.2	29.2	1000
1200	27.9	28.1	28.6	29.6	28.6	28.8	30.3	29.3	29.3	1200
1400	29.0	28.2	28.6	31.0	28.7	28.7	31.5	29.4	29.3	1400
1600	30.0	28.3	28.6	31.7	28.9	28.7	32.1	29.5	29.2	1600
1800	30.2	28.3	28.4	31.6	28.9	28.5	31.9	29.4	29.0	1800
2000	29.8	28.3	28.3	31.2	29.0	28.5	31.4	29.5	28.9	2000
2200	29.2	28.4	28.3	30.5	29.1	28.5	30.8	29.5	28.9	2200
2400	28.7	28.4	28.3	29.9	29.1	28.6	30.2	29.5	29.0	2400
MINIMUM	26.6	27.9	28.3	27.5	28.3	28.4	28.4	28.9	28.6	
MAXIMUM	30.2	28.4	28.6	31.7	29.1	28.8	32.1	29.5	29.3	
MEAN	28.3	28.2	28.4	29.6	28.7	28.6	30.2	29.3	29.0	
MEDIAN	28.7	28.2	28.4	29.9	28.7	28.6	30.3	29.4	29.0	
RANGE	3.6	.5	.3	4.2	.8	.4	3.7	.6	.7	
R.S.D.	4.6	.6	.4	5.3	1.0	.4	4.3	.8	.8	

KILOMETER 18 STATION BRAZIL

TIME	26 JUN 1968			27 JUN 1968			28 JUN 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.7	29.4	29.0	30.5	29.8	29.3	29.0	29.3	29.2	200
400	29.2	29.3	29.0	30.0	29.7	29.3	28.6	29.2	29.1	400
600	28.7	29.2	29.1	29.7	29.6	29.3	28.3	29.1	29.1	600
800	28.7	29.4	29.4	29.4	29.6	29.4	28.1	29.0	29.1	800
1000	29.5	29.6	29.6	29.5	29.7	29.5	28.2	29.1	29.3	1000
1200	30.6	29.6	29.7	30.0	29.7	29.6	28.3	28.9	29.1	1200
1400	31.7	29.7	29.6	30.5	29.7	29.6	28.2	28.8	29.0	1400
1600	32.2	29.7	29.4	30.6	29.6	29.4	28.3	28.8	29.0	1600
1800	32.2	29.7	29.3	30.5	29.6	29.4	28.3	28.7	28.9	1800
2000	31.8	29.7	29.2	30.2	29.6	29.3	28.1	28.6	28.8	2000
2200	31.4	29.8	29.2	29.8	29.5	29.3	27.7	28.5	28.7	2200
2400	30.9	29.8	29.2	29.4	29.5	29.3	27.4	28.4	28.7	2400
MINIMUM	28.7	29.2	29.0	29.4	29.5	29.3	27.4	28.4	28.7	
MAXIMUM	32.2	29.8	29.7	30.6	29.8	29.6	29.0	29.3	29.3	
MEAN	30.5	29.6	29.3	30.0	29.6	29.4	28.2	28.9	29.0	
MEDIAN	30.9	29.7	29.3	30.0	29.6	29.4	28.3	28.9	29.1	
RANGE	3.5	.6	.7	1.2	.3	.3	1.6	.9	.6	
R.S.D.	4.2	.6	.8	1.4	.3	.4	1.4	.9	.6	

KILOMETER 18 STATION BRAZIL

29 JUN 1968

30 JUN 1968

1 JUL 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME
200	27.1	28.3	28.6	28.5	28.5	28.5	28.5	28.6	28.5	200
400	26.9	28.2	28.6	28.2	28.5	28.5	28.0	28.5	28.6	400
600	26.7	28.1	28.5	27.8	28.4	28.5	27.6	28.4	28.6	600
800	26.5	28.0	28.5	27.6	28.4	28.6	27.5	28.5	28.6	800
1000	26.8	28.1	28.6	28.0	28.5	28.8	27.8	28.6	28.8	1000
1200	27.7	28.2	28.8	28.5	28.5	28.9	29.0	28.4	28.9	1200
1400	29.0	28.3	28.8	29.5	28.6	28.9	29.5	28.6	28.6	1400
1600	30.0	28.4	28.8	30.1	28.6	28.8	29.7	28.5	28.7	1600
1800	30.3	28.4	28.6	30.2	28.6	28.6	29.3	28.5	28.5	1800
2000	30.0	28.4	28.4	29.9	28.6	28.5	28.7	28.5	28.5	2000
2200	29.5	28.5	28.4	29.5	28.6	28.5	28.3	28.5	28.5	2200
2400	29.0	28.5	28.4	28.9	28.6	28.5	28.0	28.5	28.5	2400
MINIMUM	26.5	28.0	28.4	27.6	28.4	28.5	27.5	28.4	28.5	
MAXIMUM	30.3	28.5	28.8	30.2	28.6	28.9	29.7	28.6	28.9	
MEAN	28.3	28.3	28.6	28.9	28.5	28.6	28.5	28.5	28.6	
MEDIAN	29.0	28.3	28.6	28.9	28.6	28.6	28.5	28.5	28.6	
RANGE	3.8	.5	.4	2.6	.2	.4	2.2	.2	.4	
R.S.D.	5.0	.6	.5	3.1	.3	.6	2.5	.2	.4	

KILOMETER 18 STATION BRAZIL

2 JUL 1968				3 JUL 1968			4 JUL 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.6	28.4	28.5	27.5	28.1	28.2	27.2	27.9	28.1	200
400	27.3	28.3	28.5	27.0	28.0	28.2	26.7	27.8	28.0	400
600	27.1	28.2	28.4	26.9	27.9	28.2	26.4	27.7	28.0	600
800	27.0	28.1	28.5	27.0	28.0	28.4	26.3	27.7	28.2	800
1000	27.1	28.1	28.5	27.6	28.1	28.5	27.0	27.9	28.4	1000
1200	27.5	28.2	28.6	28.5	28.0	28.4	28.0	27.9	28.4	1200
1400	28.3	28.2	28.6	29.0	28.0	28.3	29.2	28.0	28.4	1400
1600	29.0	28.3	28.6	29.1	28.1	28.3	30.1	28.2	28.4	1600
1800	29.0	28.3	28.4	28.7	28.1	28.2	30.3	28.2	28.2	1800
2000	28.7	28.2	28.3	28.4	28.1	28.1	29.8	28.2	28.0	2000
2200	28.3	28.2	28.2	28.0	28.1	28.1	29.2	28.3	28.0	2200
2400	27.8	28.1	28.2	27.5	28.0	28.1	28.5	28.3	28.0	2400
MINIMUM	27.0	28.1	28.2	26.9	27.9	28.1	26.3	27.7	28.0	
MAXIMUM	29.0	28.4	28.6	29.1	28.1	28.5	30.3	28.3	28.4	
MEAN	27.9	28.2	28.4	27.9	28.0	28.2	28.2	28.0	28.2	
MEDIAN	27.8	28.2	28.5	28.0	28.1	28.2	28.5	28.0	28.2	
RANGE	2.0	.3	.4	2.2	.2	.4	4.0	.6	.4	
R.S.D.	2.6	.3	.5	2.7	.2	.4	5.0	.8	.6	

KILOMETER 18 STATION BRAZIL

5 JUL 1968

6 JUL 1968

7 JUL 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	5 JUL 1968			6 JUL 1968			7 JUL 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.0	28.2	28.0	29.4	28.9	28.4	30.0	29.5	28.9	200
400	27.5	28.1	28.0	28.8	28.8	28.5	29.5	29.4	29.0	400
600	27.0	28.0	28.0	28.3	28.7	28.5	28.9	29.3	29.0	600
800	26.9	28.1	28.3	28.2	28.8	28.8	28.8	29.5	29.3	800
1000	27.5	28.2	28.6	28.6	29.0	29.1	29.4	29.6	29.5	1000
1200	28.6	28.3	28.6	29.9	29.1	29.2	30.5	29.6	29.5	1200
1400	30.0	28.4	28.7	31.2	29.2	29.2	31.5	29.7	29.6	1400
1600	31.5	28.5	28.6	32.1	29.3	29.1	32.5	29.8	29.6	1600
1800	31.7	28.6	28.5	32.3	29.4	29.0	32.6	29.8	29.3	1800
2000	31.3	28.7	28.3	31.8	29.4	28.8	32.1	29.9	29.1	2000
2200	30.6	28.8	28.3	31.2	29.5	28.8	31.5	29.9	29.1	2200
2400	30.0	28.8	28.4	30.5	29.5	28.8	30.9	29.9	29.2	2400
MINIMUM	26.9	28.0	28.0	28.2	28.7	28.4	28.8	29.3	28.9	
MAXIMUM	31.7	28.8	28.7	32.3	29.5	29.2	32.6	29.9	29.6	
MEAN	29.2	28.4	28.4	30.2	29.1	28.8	30.7	29.7	29.3	
MEDIAN	30.0	28.4	28.4	30.5	29.2	28.8	30.9	29.7	29.3	
RANGE	4.8	.8	.7	4.1	.8	.8	3.8	.6	.7	
R.S.D.	6.0	1.0	.9	4.8	1.0	.9	4.3	.7	.8	

KILOMETER 18 STATION BRAZIL

8 JUL 1968

9 JUL 1968

10 JUL 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	30.4	29.9	29.3	30.4	29.9	29.3	30.5	30.1	29.5	200
400	29.8	29.8	29.3	29.9	29.8	29.3	30.0	30.0	29.5	400
600	29.3	29.7	29.3	29.4	29.7	29.4	29.5	29.9	29.5	600
800	29.1	29.7	29.4	29.3	29.8	29.7	29.4	30.0	29.8	800
1000	29.4	29.7	29.5	29.9	30.1	29.9	30.0	30.2	30.1	1000
1200	30.4	29.8	29.6	30.9	30.1	30.0	30.7	30.2	30.1	1200
1400	31.5	29.9	29.7	32.0	30.1	30.0	31.1	30.1	29.9	1400
1600	32.3	29.9	29.6	32.6	30.2	29.9	31.4	30.1	29.9	1600
1800	32.4	29.9	29.4	32.7	30.2	29.7	31.3	30.1	29.7	1800
2000	32.0	29.9	29.3	32.3	30.2	29.5	31.0	30.0	29.6	2000
2200	31.5	29.9	29.3	31.7	30.2	29.5	30.6	30.0	29.6	2200
2400	31.0	29.9	29.3	31.1	30.2	29.5	30.2	29.9	29.6	2400

MINIMUM 29.1 29.7 29.3 29.3 29.7 29.3 29.4 29.9 29.5

MAXIMUM 32.4 29.9 29.7 32.7 30.2 30.0 31.4 30.2 30.1

MEAN 30.8 29.8 29.4 31.0 30.0 29.6 30.5 30.0 29.7

MEDIAN 31.0 29.9 29.4 31.1 30.1 29.7 30.6 30.1 29.7

RANGE 3.3 .2 .4 3.4 .5 .7 2.0 .3 .6

R.S.D. 3.7 .3 .5 3.8 .6 .8 2.1 .3 .7

KILOMETER 18 STATION BRAZIL

11 JUL 1968

12 JUL 1968

13 JUL 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	11 JUL 1968			12 JUL 1968			13 JUL 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.8	29.8	29.6	30.3	30.0	29.6	28.9	29.5	29.5	200
400	29.4	29.7	29.5	29.9	29.9	29.6	28.5	29.4	29.5	400
600	29.0	29.6	29.5	29.5	29.8	29.6	28.2	29.3	29.4	600
800	29.0	29.8	29.8	29.3	29.8	29.7	28.0	29.2	29.5	800
1000	29.5	30.0	30.1	29.4	30.1	30.0	28.2	29.3	29.6	1000
1200	30.5	30.0	30.1	30.6	30.1	30.1	29.5	29.5	29.8	1200
1400	31.2	30.0	30.1	31.0	29.9	29.9	30.2	29.3	29.6	1400
1600	32.0	30.2	30.1	31.0	29.9	29.7	30.6	29.4	29.5	1600
1800	32.1	30.1	29.8	30.7	29.9	29.6	30.5	29.5	29.4	1800
2000	31.7	30.1	29.6	30.2	29.8	29.5	30.0	29.5	29.3	2000
2200	31.2	30.1	29.6	29.7	29.7	29.5	29.5	29.4	29.3	2200
2400	30.8	30.0	29.6	29.2	29.6	29.5	29.0	29.3	29.3	2400
MINIMUM	29.0	29.6	29.5	29.2	29.6	29.5	28.0	29.2	29.3	
MAXIMUM	32.1	30.2	30.1	31.0	30.1	30.1	30.6	29.5	29.8	
MEAN	30.5	29.9	29.8	30.1	29.9	29.7	29.3	29.4	29.5	
MEDIAN	30.8	30.0	29.8	30.2	29.9	29.6	29.5	29.4	29.5	
RANGE	3.1	.6	.6	1.8	.5	.6	2.6	.3	.5	
R.S.D.	3.6	.6	.8	2.1	.5	.7	3.0	.3	.5	

KILOMETER 18 STATION BRAZIL

	14 JUL 1968			15 JUL 1968			16 JUL 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	28.5	29.3	29.3	27.0	28.4	28.8	28.2	28.5	28.5	200
400	28.3	29.1	29.2	26.8	28.3	28.7	27.7	28.4	28.5	400
600	27.9	29.0	29.2	26.5	28.2	28.7	27.2	28.3	28.5	600
800	27.4	28.9	29.4	26.5	28.3	28.9	27.0	28.4	28.7	800
1000	27.4	29.0	29.3	27.0	28.3	29.0	27.6	28.6	29.0	1000
1200	28.3	28.9	29.1	28.1	28.4	28.9	29.0	28.6	29.1	1200
1400	28.5	28.8	29.1	29.2	28.3	28.9	30.5	28.8	29.1	1400
1600	28.6	28.8	29.0	30.2	28.5	28.9	31.6	28.9	29.1	1600
1800	28.4	28.7	29.0	30.3	28.5	28.7	31.8	29.0	28.8	1800
2000	28.1	28.6	28.9	30.0	28.5	28.5	31.3	29.1	28.7	2000
2200	27.7	28.6	28.9	29.4	28.6	28.5	30.7	29.1	28.7	2200
2400	27.4	28.5	28.8	28.8	28.6	28.5	30.0	29.2	28.8	2400
MINIMUM	27.4	28.5	28.8	26.5	28.2	28.5	27.0	28.3	28.5	
MAXIMUM	28.6	29.3	29.4	30.3	28.6	29.0	31.8	29.2	29.1	
MEAN	28.0	28.8	29.1	28.3	28.4	28.7	29.4	28.7	28.8	
MEDIAN	28.3	28.9	29.1	28.8	28.4	28.8	30.0	28.8	28.8	
RANGE	1.2	.8	.6	3.8	.4	.5	4.8	.9	.6	
H.S.D.	1.6	.8	.6	5.1	.4	.6	5.9	1.0	.8	

KILOMETER 18 STATION BRAZIL

	17 JUL 1968			18 JUL 1968			19 JUL 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	29.5	29.2	28.8	29.9	29.5	29.1	28.7	29.2	29.2	200
400	28.9	29.1	28.9	29.5	29.5	29.2	28.3	29.1	29.2	400
600	28.4	29.0	28.9	29.1	29.4	29.3	28.0	29.0	29.1	600
800	28.3	29.0	29.0	28.9	29.4	29.3	27.9	29.0	29.2	800
1000	28.5	29.2	29.3	29.0	29.5	29.5	28.4	29.3	29.4	1000
1200	29.6	29.3	29.5	30.0	29.6	29.7	29.6	29.2	29.5	1200
1400	31.0	29.4	29.6	30.6	29.6	29.6	31.0	29.4	29.6	1400
1600	31.9	29.5	29.5	30.9	29.6	29.5	31.9	29.4	29.4	1600
1800	32.0	29.5	29.3	30.8	29.5	29.4	31.8	29.4	29.2	1800
2000	31.6	29.5	29.1	30.2	29.5	29.3	31.2	29.4	29.1	2000
2200	31.0	29.6	29.1	29.6	29.4	29.2	30.6	29.5	29.1	2200
2400	30.5	29.5	29.1	29.1	29.3	29.2	30.0	29.5	29.1	2400
MINIMUM	28.3	29.0	28.8	28.9	29.3	29.1	27.9	29.0	29.1	
MAXIMUM	32.0	29.6	29.6	30.9	29.6	29.7	31.9	29.5	29.6	
MEAN	30.1	29.3	29.2	29.8	29.5	29.4	29.8	29.3	29.3	
MEDIAN	30.5	29.4	29.1	29.9	29.5	29.3	30.0	29.4	29.2	
RANGE	3.7	.6	.8	2.0	.3	.6	4.0	.5	.5	
R.S.D.	4.5	.7	.9	2.3	.3	.6	4.8	.6	.6	

KILOMETER 18 STATION BRAZIL

TIME	20 JUL 1968			21 JUL 1968			22 JUL 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.4	29.4	29.1	30.2	29.9	29.4	30.2	30.1	29.6	200
400	28.8	29.3	29.1	29.5	29.7	29.4	29.7	30.0	29.6	400
600	28.4	29.2	29.2	28.5	29.6	29.5	29.1	29.9	29.7	600
800	28.3	29.3	29.4	28.5	29.8	29.8	29.0	30.1	30.0	800
1000	29.0	29.5	29.7	29.7	29.9	30.0	29.5	30.2	30.2	1000
1200	30.4	29.5	29.8	30.8	30.0	30.1	30.5	30.2	30.2	1200
1400	31.6	29.6	29.8	32.0	30.1	30.1	31.6	30.3	30.2	1400
1600	32.6	29.9	29.7	32.7	30.2	30.1	32.6	30.4	30.1	1600
1800	32.6	29.9	29.5	32.7	30.2	29.8	33.0	30.4	30.0	1800
2000	32.1	29.9	29.3	32.2	30.2	29.6	32.6	30.3	29.9	2000
2200	31.5	29.9	29.3	31.5	30.2	29.6	32.2	30.4	29.8	2200
2400	30.7	29.9	29.4	30.9	30.2	29.6	31.6	30.4	29.8	2400
MINIMUM	28.3	29.2	29.1	28.5	29.6	29.4	29.0	29.9	29.6	
MAXIMUM	32.6	29.9	29.8	32.7	30.2	30.1	33.0	30.4	30.2	
MEAN	30.4	29.6	29.4	30.8	30.0	29.7	31.0	30.2	29.9	
MEDIAN	30.7	29.6	29.4	30.9	30.1	29.8	31.6	30.3	30.0	
RANGE	4.3	.7	.7	4.2	.6	.7	4.0	.5	.6	
R.S.D.	5.1	.9	.8	4.7	.7	.9	4.5	.5	.7	

KILOMETER 18 STATION BRAZIL

TIME	23 JUL 1968			24 JUL 1968			25 JUL 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	31.0	30.4	29.8	30.2	30.3	30.0	27.9	29.2	29.4	200
400	30.6	30.4	29.9	29.7	30.2	29.9	27.4	29.0	29.3	400
600	30.2	30.3	29.9	29.2	30.0	29.9	27.0	28.8	29.2	600
800	29.8	30.2	30.0	28.9	29.9	29.9	26.8	28.7	29.3	800
1000	29.9	30.3	30.1	29.1	30.1	30.1	27.3	28.9	29.5	1000
1200	30.3	30.3	30.2	29.9	30.0	30.1	28.4	29.0	29.6	1200
1400	31.0	30.5	30.4	29.9	29.7	29.8	29.4	29.0	29.5	1400
1600	32.0	30.6	30.4	29.8	29.7	29.8	30.0	28.9	29.3	1600
1800	32.4	30.5	30.2	29.6	29.7	29.7	30.0	28.9	29.2	1800
2000	32.2	30.4	30.0	29.2	29.6	29.6	29.6	28.9	29.0	2000
2200	31.5	30.4	30.0	28.8	29.5	29.5	29.0	28.9	29.0	2200
2400	30.8	30.3	30.0	28.3	29.3	29.5	28.6	28.9	29.0	2400
MINIMUM	29.8	30.2	29.8	28.3	29.3	29.5	26.8	28.7	29.0	
MAXIMUM	32.4	30.6	30.4	30.2	30.3	30.1	30.0	29.2	29.6	
MEAN	31.0	30.4	30.1	29.4	29.8	29.8	28.4	28.9	29.3	
MEDIAN	31.0	30.4	30.0	29.6	29.9	29.9	28.6	28.9	29.3	
RANGE	2.6	.4	.6	1.9	1.0	.6	3.2	.5	.6	
R.S.D.	2.7	.4	.6	1.8	1.0	.7	3.9	.4	.7	

KILOMETER 18 STATION BRAZIL

TIME	26 JUL 1968			27 JUL 1968			28 JUL 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.2	28.8	29.0	29.7	29.3	29.0	29.8	29.6	29.3	200
400	27.9	28.7	29.0	29.3	29.3	29.1	29.3	29.6	29.3	400
600	27.5	28.6	28.9	28.8	29.2	29.1	28.9	29.4	29.3	600
800	27.3	28.5	29.0	28.6	29.2	29.2	28.7	29.5	29.5	800
1000	27.6	28.8	29.3	29.0	29.4	29.5	29.1	29.8	29.8	1000
1200	28.7	28.8	29.4	29.7	29.4	29.5	30.4	29.8	29.9	1200
1400	30.0	28.9	29.4	30.7	29.5	29.6	31.5	29.9	29.9	1400
1600	31.2	29.0	29.3	31.5	29.5	29.5	32.6	30.0	29.9	1600
1800	31.6	29.1	29.1	31.8	29.6	29.4	33.0	30.1	29.7	1800
2000	31.3	29.1	29.0	31.5	29.6	29.3	32.6	30.1	29.5	2000
2200	30.7	29.2	29.0	31.0	29.7	29.3	32.0	30.2	29.5	2200
2400	30.2	29.3	29.0	30.4	29.7	29.3	31.4	30.2	29.5	2400
MINIMUM	27.3	28.5	28.9	28.6	29.2	29.0	28.7	29.4	29.3	
MAXIMUM	31.6	29.3	29.4	31.8	29.7	29.6	33.0	30.2	29.9	
MEAN	29.3	28.9	29.1	30.2	29.4	29.3	30.8	29.8	29.6	
MEDIAN	30.0	28.9	29.0	30.4	29.5	29.3	31.4	29.9	29.5	
RANGE	4.3	.8	.5	3.2	.5	.6	4.3	.8	.6	
R.S.D.	5.4	.8	.6	3.6	.6	.6	5.0	.9	.8	

KILOMETER 18 STATION BRAZIL

TIME	29 JUL 1968			30 JUL 1968			31 JUL 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	30.8	30.2	29.6	28.4	29.5	29.5	28.5	29.6	29.1	200
400	30.1	30.1	29.7	27.9	29.3	29.4	28.0	29.5	29.1	400
600	29.6	30.0	29.7	27.5	29.1	29.4	27.6	29.4	29.0	600
800	29.4	30.1	29.8	27.4	29.0	29.5	27.4	29.4	29.1	800
1000	29.8	30.2	30.0	28.0	29.1	29.6	28.0	29.5	29.5	1000
1200	30.9	30.2	30.1	29.0	29.2	29.7	28.7	29.3	29.1	1200
1400	31.2	29.9	29.7	30.0	29.2	29.5	28.9	29.2	29.0	1400
1600	31.0	29.9	29.6	30.5	29.2	29.4	29.0	29.4	29.1	1600
1800	30.6	29.9	29.6	30.5	29.2	29.3	29.0	29.3	29.0	1800
2000	30.0	29.8	29.5	30.0	29.2	29.2	28.6	29.2	29.0	2000
2200	29.4	29.7	29.5	29.5	29.2	29.1	28.2	29.1	28.9	2200
2400	28.8	29.6	29.5	29.0	29.2	29.1	27.7	29.1	28.9	2400
MINIMUM	28.8	29.6	29.5	27.4	29.0	29.1	27.4	29.1	28.9	
MAXIMUM	31.2	30.2	30.1	30.5	29.5	29.7	29.0	29.6	29.5	
MEAN	30.1	30.0	29.7	29.0	29.2	29.4	28.3	29.3	29.1	
MEDIAN	30.1	30.0	29.7	29.0	29.2	29.4	28.5	29.4	29.1	
RANGE	2.4	.6	.6	3.1	.5	.6	1.6	.5	.6	
R.S.D.	2.4	.6	.6	3.7	.4	.6	1.9	.5	.5	

KILOMETER 18 STATION BRAZIL

	1 AUG 1968			2 AUG 1968			3 AUG 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.4	28.5	28.9	29.0	29.0	28.8	30.2	29.6	29.1	200
400	27.0	28.4	28.8	28.5	28.9	28.8	29.7	29.5	29.2	400
600	26.7	28.3	28.7	28.0	28.8	28.8	29.2	29.5	29.3	600
800	26.5	28.3	28.8	27.8	28.8	29.0	29.0	29.6	29.5	800
1000	27.2	28.4	29.0	28.5	29.1	29.4	29.5	29.8	29.9	1000
1200	28.5	28.5	29.1	29.9	29.2	29.5	30.9	29.9	30.0	1200
1400	30.0	28.6	29.2	31.0	29.3	29.5	32.0	30.0	30.0	1400
1600	31.1	28.7	29.1	32.2	29.4	29.5	32.7	30.0	29.7	1600
1800	31.4	28.8	28.9	32.6	29.5	29.3	32.6	30.0	29.5	1800
2000	31.0	28.9	28.8	32.1	29.5	29.0	32.2	30.1	29.5	2000
2200	30.3	29.0	28.8	31.5	29.6	29.0	31.6	30.2	29.5	2200
2400	29.2	29.0	28.8	30.4	29.6	29.1	31.0	30.2	29.6	2400
MINIMUM	26.5	28.3	28.7	27.8	28.8	28.8	29.0	29.5	29.1	
MAXIMUM	31.4	29.0	29.2	32.6	29.6	29.5	32.7	30.2	30.0	
MEAN	28.9	28.6	28.9	30.1	29.2	29.1	30.9	29.9	29.6	
MEDIAN	29.2	28.6	28.9	30.4	29.3	29.1	31.0	30.0	29.5	
RANGE	4.9	.7	.5	4.8	.8	.7	3.7	.7	.9	
R.S.D.	6.2	.9	.5	5.6	1.0	.9	4.2	.8	.9	

KILOMETER 18 STATION BRAZIL

TIME	4 AUG 1968			5 AUG 1968			6 AUG 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	30.6	30.2	29.6	30.1	29.7	29.9	29.0	29.5	29.5	200
400	30.1	30.1	29.7	29.7	29.6	29.9	28.6	29.4	29.5	400
600	29.7	30.0	29.7	29.3	29.5	29.8	28.3	29.3	29.4	600
800	29.5	30.0	29.9	29.0	29.7	29.7	28.2	29.3	29.5	800
1000	29.8	30.1	30.1	29.0	29.8	29.8	29.0	29.5	29.9	1000
1200	30.7	30.2	30.2	29.7	29.9	29.9	30.3	29.6	30.0	1200
1400	31.5	30.2	30.1	30.2	29.7	29.8	31.5	29.7	29.9	1400
1600	32.0	30.2	30.0	30.5	29.7	29.8	32.3	29.8	29.9	1600
1800	32.0	30.2	29.9	30.5	29.7	29.7	32.3	29.9	29.7	1800
2000	31.7	30.2	29.9	30.2	29.6	29.6	32.0	29.9	29.5	2000
2200	31.2	30.2	29.9	29.8	29.6	29.5	31.4	30.0	29.5	2200
2400	30.7	30.2	29.9	29.4	29.5	29.5	30.8	30.0	29.5	2400
MINIMUM	29.5	30.0	29.6	29.0	29.5	29.5	28.2	29.3	29.4	
MAXIMUM	32.0	30.2	30.2	30.5	29.9	29.9	32.3	30.0	30.0	
MEAN	30.8	30.1	29.9	29.8	29.7	29.7	30.3	29.7	29.6	
MEDIAN	30.7	30.2	29.9	29.8	29.7	29.8	30.8	29.7	29.5	
	2.5	.2	.6	1.5	.4	.4	4.1	.7	.6	
	2.8	.3	.6	1.7	.4	.5	5.1	.8	.7	

KILOMETER 18 STATION BRAZIL

	7 AUG 1968			8 AUG 1968			9 AUG 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	30.3	30.0	29.6	29.3	29.9	29.8	29.0	29.7	29.5	200
400	29.8	29.9	29.6	28.8	29.8	29.7	28.5	29.5	29.5	400
600	29.4	29.8	29.6	28.4	29.6	29.7	28.0	29.4	29.5	600
800	29.4	30.0	30.0	28.5	29.7	30.0	28.0	29.5	29.7	800
1000	30.0	30.2	30.2	29.0	29.8	30.1	28.9	29.6	30.0	1000
1200	31.0	30.2	30.2	30.5	29.8	30.1	30.2	29.6	30.1	1200
1400	31.8	30.1	30.1	31.6	29.9	30.1	31.5	29.8	30.1	1400
1600	32.0	30.1	29.9	32.0	29.8	29.8	32.3	29.7	29.7	1600
1800	31.6	30.1	29.8	31.6	29.8	29.6	32.3	29.8	29.6	1800
2000	31.0	30.1	29.8	31.0	29.9	29.6	31.8	29.9	29.5	2000
2200	30.4	30.1	29.8	30.2	29.9	29.5	31.1	29.9	29.5	2200
2400	29.8	30.0	29.8	29.5	29.8	29.5	30.5	29.9	29.5	2400
MINIMUM	29.4	29.8	29.6	28.4	29.6	29.5	28.0	29.4	29.5	
MAXIMUM	32.0	30.2	30.2	32.0	29.9	30.1	32.3	29.9	30.1	
MEAN	30.5	30.0	29.9	30.0	29.8	29.8	30.2	29.7	29.7	
MEDIAN	30.4	30.1	29.8	30.2	29.8	29.8	30.5	29.7	29.6	
RANGE	2.6	.4	.6	3.6	.3	.6	4.3	.5	.6	
R.S.D.	2.9	.4	.7	4.1	.3	.7	5.2	.6	.8	

KILOMETER 18 STATION BRAZIL

	10 AUG 1968			11 AUG 1968			12 AUG 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	29.9	29.9	29.5	30.5	30.3	29.8	31.0	30.6	30.0	200
400	29.3	29.8	29.6	30.0	30.2	29.9	30.3	30.5	30.1	400
600	28.9	29.7	29.6	29.5	30.1	30.0	30.0	30.5	30.2	600
800	29.0	29.9	30.0	29.6	30.3	30.1	30.0	30.6	30.4	800
1000	29.6	30.1	30.2	30.5	30.5	30.2	30.5	30.7	30.6	1000
1200	31.0	30.1	30.2	31.5	30.5	30.3	31.5	30.7	30.6	1200
1400	32.0	30.2	30.3	32.5	30.6	30.4	32.5	30.8	30.7	1400
1600	32.7	30.3	30.2	33.0	30.7	30.5	33.5	30.9	30.6	1600
1800	32.7	30.3	30.0	33.0	30.7	30.4	33.6	30.9	30.4	1800
2000	32.3	30.3	29.9	32.6	30.7	30.0	33.3	30.9	30.3	2000
2200	31.7	30.3	29.8	32.0	30.7	29.8	32.7	31.0	30.3	2200
2400	31.0	30.3	29.8	31.5	30.7	29.9	32.1	31.0	30.3	2400
MINIMUM	28.9	29.7	29.5	29.5	30.1	29.8	30.0	30.5	30.0	
MAXIMUM	32.7	30.3	30.3	33.0	30.7	30.5	33.6	31.0	30.7	
MEAN	30.8	30.1	29.9	31.3	30.5	30.1	31.7	30.8	30.4	
MEDIAN	31.0	30.2	30.0	31.5	30.6	30.1	32.1	30.8	30.4	
RANGE	3.8	.6	.8	3.5	.6	.7	3.6	.5	.7	
R.S.D.	4.5	.7	.9	4.0	.7	.8	4.2	.6	.7	

KILOMETER 18 STATION BRAZIL

TIME	13 AUG 1968			14 AUG 1968			15 AUG 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	31.5	30.9	30.3	32.0	31.3	30.6	32.2	31.5	30.8	200
400	31.0	30.8	30.3	31.4	31.2	30.6	31.7	31.4	30.8	400
600	30.5	30.7	30.3	30.9	31.1	30.6	31.2	31.3	30.8	600
800	30.4	30.9	30.6	30.7	31.2	31.0	31.0	31.5	31.1	800
1000	31.0	31.1	30.9	31.2	31.4	31.2	31.5	31.6	31.4	1000
1200	32.0	31.1	31.0	32.4	31.5	31.3	32.4	31.7	31.5	1200
1400	33.2	31.2	31.0	33.5	31.6	31.3	33.4	31.8	31.5	1400
1600	34.1	31.3	30.9	34.3	31.7	31.3	33.6	31.4	31.1	1600
1800	34.2	31.3	30.7	34.3	31.6	31.0	33.3	31.5	31.0	1800
2000	33.7	31.3	30.6	33.8	31.5	30.8	32.6	31.5	30.9	2000
2200	33.1	31.3	30.5	33.3	31.6	30.8	32.0	31.4	30.9	2200
2400	32.5	31.3	30.5	32.7	31.6	30.8	31.2	31.3	30.9	2400
MINIMUM	30.4	30.7	30.3	30.7	31.1	30.6	31.0	31.3	30.8	
MAXIMUM	34.2	31.3	31.0	34.3	31.7	31.3	33.6	31.8	31.5	
MEAN	32.3	31.1	30.6	32.5	31.4	30.9	32.2	31.5	31.1	
MEDIAN	32.5	31.2	30.6	32.7	31.5	31.0	32.2	31.5	31.0	
RANGE	3.8	.6	.7	3.6	.6	.7	2.6	.5	.7	
R.S.D.	4.1	.7	.8	3.8	.6	.9	2.7	.5	.8	

KILOMETER 18 STATION BRAZIL

TIME	16 AUG 1968			17 AUG 1968			18 AUG 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	30.6	31.2	30.9	29.3	30.3	30.4	29.2	30.0	29.9	200
400	30.1	31.0	30.8	28.7	30.1	30.3	28.6	29.8	30.0	400
600	29.5	30.8	30.7	28.3	29.9	30.2	28.3	29.7	30.0	600
800	29.4	30.9	30.9	28.1	30.0	30.5	28.0	29.8	30.2	800
1000	30.0	30.9	31.1	28.8	30.1	30.7	28.6	29.9	30.5	1000
1200	30.8	30.9	31.0	30.0	30.1	30.7	30.0	29.9	30.7	1200
1400	31.8	30.8	31.0	31.2	30.2	30.6	31.4	30.0	30.7	1400
1600	31.9	30.6	30.7	32.0	30.2	30.5	32.1	29.9	30.0	1600
1800	31.5	30.6	30.6	31.8	30.1	30.1	31.8	29.9	29.9	1800
2000	31.0	30.6	30.5	31.1	30.1	30.0	31.1	30.0	29.9	2000
2200	30.4	30.5	30.5	30.5	30.1	30.0	30.4	30.0	29.9	2200
2400	29.8	30.4	30.5	29.7	30.1	30.0	29.7	30.0	29.9	2400
MINIMUM	29.4	30.4	30.5	28.1	29.9	30.0	28.0	29.7	29.9	
MAXIMUM	31.9	31.2	31.1	32.0	30.3	30.7	32.1	30.0	30.7	
MEAN	30.6	30.8	30.8	30.0	30.1	30.3	29.9	29.9	30.1	
MEDIAN	30.6	30.8	30.8	30.0	30.1	30.4	30.0	29.9	30.0	
RANGE	2.5	.8	.6	3.9	.4	.7	4.1	.3	.8	
N.S.D.	2.7	.7	.7	4.3	.3	.9	4.6	.3	1.0	

KILOMETER 18 STATION BRAZIL

19 AUG 1968				20 AUG 1968			21 AUG 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME
TIME										TIME
200	29.0	29.9	30.0	29.5	29.7	29.5	30.5	30.3	29.8	200
400	28.5	29.7	29.9	29.0	29.6	29.6	30.1	30.2	29.8	400
600	28.0	29.5	29.9	28.6	29.5	30.0	29.7	30.2	30.1	600
800	27.7	29.4		28.6	29.8	30.2	29.8	30.3	30.5	800
1000	28.5	29.5		29.5	29.9	30.4	30.5	30.4	30.7	1000
1200	30.0	29.5	30.1	31.0	29.9	30.4	31.5	30.4	30.8	1200
1400	31.4	29.6	30.1	32.2	30.0	30.2	32.4	30.4	30.6	1400
1600	32.1	29.8	30.0	32.9	30.1	30.1	32.8	30.4	30.5	1600
1800	32.0	29.8	29.8	32.8	30.1	30.0	32.7	30.5	30.4	1800
2000	31.5	29.9	29.5	32.3	30.2	30.0	32.3	30.6	30.3	2000
2200	30.8	29.9	29.5	31.7	30.3	29.9	31.8	30.6	30.3	2200
2400	30.2	29.8	29.5	31.1	30.3	29.9	31.3	30.6	30.3	2400
MINIMUM	27.7	29.4	29.5	28.6	29.5	29.5	29.7	30.2	29.8	
MAXIMUM	32.1	29.9	30.1	32.9	30.3	30.4	32.8	30.6	30.8	
MEAN	30.0	29.7	29.8	30.8	29.9	30.0	31.3	30.4	30.3	
MEDIAN	30.2	29.8	29.9	31.1	30.0	30.0	31.5	30.4	30.4	
RANGE	4.4	.5	.6	4.3	.8	.9	3.1	.4	1.0	
R.S.D.	5.1	.6	.8	5.1	.8	.9	3.5	.5	1.0	

KILOMETER 18 STATION BRAZIL

22 AUG 1968				23 AUG 1968			24 AUG 1968						
20-40 CM.			40-60 CM.	20-40 CM.		40-60 CM.	60-80 CM.		20-40 CM.		40-60 CM.	60-80 CM.	TIME
TIME													TIME
200	30.8	30.6	30.2	31.2	30.9	30.3	31.0	30.9	30.4	200			200
400	30.4	30.5	30.3	30.8	30.8	30.4	30.5	30.8	30.4	400			400
600	30.0	30.4	30.4	30.5	30.7	30.4	30.0	30.6	30.4	600			600
800	30.0	30.5	30.6	30.4	30.8	30.5	29.6	30.5	30.5	800			800
1000	30.5	30.6	30.7	30.9	30.9	30.6	29.5	30.5	30.4	1000			1000
1200	31.6	30.6	30.6	31.6	30.9	30.7	29.2	30.4	30.3	1200			1200
1400	32.7	30.7	30.6	32.6	31.0	30.7	29.5	30.2	30.3	1400			1400
1600	33.3	30.7	30.4	33.0	30.7	30.5	29.6	30.2	30.3	1600			1600
1800	33.2	30.7	30.3	32.8	30.8	30.3	29.5	30.0	30.1	1800			1800
2000	32.7	30.8	30.2	32.4	30.9	30.3	29.1	29.9	30.0	2000			2000
2200	32.1	30.9	30.2	31.9	30.9	30.3	28.8	29.7	30.0	2200			2200
2400	31.6	30.9	30.2	31.4	30.9	30.4	28.5	29.6	30.0	2400			2400
MINIMUM	30.0	30.4	30.2	30.4	30.7	30.3	28.5	29.6	30.0				
MAXIMUM	33.3	30.9	30.7	33.0	31.0	30.7	31.0	30.9	30.5				
MEAN	31.6	30.7	30.4	31.6	30.8	30.4	29.6	30.3	30.3				
MEDIAN	31.6	30.7	30.4	31.6	30.9	30.4	29.5	30.4	30.3				
RANGE	3.3	.5	.5	2.6	.3	.4	2.5	1.3	.5				
R.S.D.	3.7	.5	.6	2.8	.3	.5	2.2	1.3	.6				

KILOMETER 18 STATION BRAZIL

TIME	25 AUG 1968			26 AUG 1968			27 AUG 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.1	29.5	29.9	27.2	28.6	29.0	28.7	29.0	29.0	200
400	27.8	29.4	29.8	26.9	28.5	29.0	28.2	28.9	29.0	400
600	27.5	29.2	29.7	26.6	28.4	29.0	27.7	28.0	29.1	600
800	27.6	29.2	29.7	26.6	28.4	29.0	27.9	29.0	29.5	800
1000	28.1	29.3	29.8	27.5	28.5	29.3	28.8	29.1	29.7	1000
1200	29.1	29.1	29.6	28.7	28.6	29.4	30.4	29.1	29.7	1200
1400	28.7	28.9	29.4	30.1	28.7	29.3	31.5	29.3	29.6	1400
1600	28.5	29.0	29.4	30.9	28.9	29.3	32.0	29.4	29.5	1600
1800	28.3	29.0	29.4	30.8	28.9	29.0	31.9	29.5	29.4	1800
2000	28.0	28.9	29.3	30.3	28.9	29.0	31.5	29.6	29.3	2000
2200	27.7	28.8	29.2	29.7	29.0	29.0	30.9	29.6	29.3	2200
2400	27.5	28.7	29.1	29.2	29.0	29.0	30.2	29.6	29.4	2400
MINIMUM	27.5	28.7	29.1	26.6	28.4	29.0	27.7	28.0	29.0	
MAXIMUM	29.1	29.5	29.9	30.9	29.0	29.4	32.0	29.6	29.7	
MEAN	28.1	29.1	29.5	28.7	28.7	29.1	30.0	29.2	29.4	
MEDIAN	28.1	29.1	29.6	29.2	28.7	29.0	30.4	29.3	29.4	
RANGE	1.6	.8	.8	4.3	.6	.4	4.3	1.6	.7	
R.S.D.	1.7	.8	.8	5.6	.8	.5	5.2	1.5	.8	

KILOMETER 18 STATION BRAZIL

TIME	28 AUG 1968			29 AUG 1968			30 AUG 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.7	29.6	29.4	30.7	30.4	29.8	28.9	29.9	30.0	200
400	29.2	29.5	29.5	30.2	30.3	29.9	28.5	29.8	29.9	400
600	28.8	29.5	29.6	29.8	30.2	30.0	28.2	29.6	29.9	600
800	28.9	29.7	30.0	29.9	30.4	30.4	28.2	29.6	30.1	800
1000	29.7	29.8	30.1	30.6	30.5	30.5	28.9	29.6	30.0	1000
1200	31.4	29.8	30.0	31.2	30.3	30.2	29.4	29.5	30.0	1200
1400	32.5	30.0	30.0	31.6	30.4	30.3	29.9	29.6	30.0	1400
1600	33.2	30.1	29.9	31.9	30.5	30.3	30.2	29.6	29.9	1600
1800	33.1	30.2	29.7	31.0	30.3	30.0	30.1	29.5	29.7	1800
2000	32.6	30.3	29.7	30.2	30.3	30.1	29.7	29.4	29.6	2000
2200	32.0	30.4	29.7	29.7	30.2	30.0	29.2	29.4	29.6	2200
2400	31.4	30.4	29.8	29.3	30.1	30.0	28.8	29.4	29.7	2400
MINIMUM	28.8	29.5	29.4	29.3	30.1	29.8	28.2	29.4	29.6	
MAXIMUM	33.2	30.4	30.1	31.9	30.5	30.5	30.2	29.9	30.1	
MEAN	31.0	29.9	29.8	30.5	30.3	30.1	29.2	29.6	29.9	
MEDIAN	31.4	30.0	29.8	30.6	30.3	30.1	29.2	29.6	29.9	
RANGE	4.4	.9	.7	2.6	.4	.7	2.0	.5	.5	
R.S.D.	5.2	1.1	.7	2.5	.4	.7	2.3	.5	.6	

KILOMETER 18 STATION BRAZIL

TIME	28 AUG 1968			29 AUG 1968			30 AUG 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.7	29.6	29.4	30.7	30.4	29.8	28.9	29.9	30.0	200
400	29.2	29.5	29.5	30.2	30.3	29.9	28.5	29.8	29.9	400
600	28.8	29.5	29.6	29.8	30.2	30.0	28.2	29.6	29.9	600
800	28.9	29.7	30.0	29.9	30.4	30.4	28.2	29.6	30.1	800
1000	29.7	29.8	30.1	30.6	30.5	30.5	28.9	29.6	30.0	1000
1200	31.4	29.8	30.0	31.2	30.3	30.2	29.4	29.5	30.0	1200
1400	32.5	30.0	30.0	31.6	30.4	30.3	29.9	29.6	30.0	1400
1600	33.2	30.1	29.9	31.9	30.5	30.3	30.2	29.6	29.9	1600
1800	33.1	30.2	29.7	31.0	30.3	30.0	30.1	29.5	29.7	1800
2000	32.6	30.3	29.7	30.2	30.3	30.1	29.7	29.4	29.6	2000
2200	32.0	30.4	29.7	29.7	30.2	30.0	29.2	29.4	29.6	2200
2400	31.4	30.4	29.8	29.3	30.1	30.0	28.8	29.4	29.7	2400
MINIMUM	28.8	29.5	29.4	29.3	30.1	29.8	28.2	29.4	29.6	
MAXIMUM	33.2	30.4	30.1	31.9	30.5	30.5	30.2	29.9	30.1	
MEAN	31.0	29.9	29.8	30.5	30.3	30.1	29.2	29.6	29.9	
MEDIAN	31.4	30.0	29.8	30.6	30.3	30.1	29.2	29.6	29.9	
RANGE	4.4	.9	.7	2.6	.4	.7	2.0	.5	.5	
R.S.D.	5.2	1.1	.7	2.5	.4	.7	2.3	.5	.6	

KILOMETER 18 STATION BRAZIL

31 AUG 1968

1 SEP 1968

2 SEP 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	28.4	29.3	29.6	28.7	29.5	29.5	27.2	28.3	28.8	200
400	28.1	29.2	29.5	27.3	29.2	29.5	27.0	28.2	28.8	400
600	27.8	29.1	29.5	26.8	28.9	29.5	26.8	28.2	28.6	600
800	28.0	29.1	29.5	26.5	28.7	29.4	26.9	28.2	28.6	800
1000	28.5	29.1	29.7	26.5	28.6	29.5	27.5	28.3	28.8	1000
1200	29.4	29.2	29.8	27.0	28.5	29.5	28.5	28.4	28.9	1200
1400	30.5	29.3	29.7	27.9	28.5	29.4	29.6	28.5	28.9	1400
1600	31.5	29.4	29.6	28.4	28.5	29.2	30.9	28.6	28.9	1600
1800	31.5	29.4	29.5	28.4	28.4	29.0	31.1	28.7	28.7	1800
2000	31.0	29.5	29.4	28.1	28.3	28.9	30.7	28.8	28.6	2000
2200	30.5	29.6	29.5	27.8	28.3	28.9	30.0	28.9	28.5	2200
2400	30.0	29.6	29.5	27.5	28.3	28.9	29.5	28.9	28.6	2400

MINIMUM	27.8	29.1	29.4	26.5	28.3	28.9	26.8	28.2	28.5
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MAXIMUM	31.5	29.6	29.8	28.7	29.5	29.5	31.1	28.9	28.9
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MEAN	29.6	29.3	29.6	27.6	28.6	29.3	28.8	28.5	28.7
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MEDIAN	30.0	29.3	29.5	27.8	28.5	29.4	29.5	28.5	28.8
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RANGE	3.7	.5	.4	2.2	1.2	.6	4.3	.7	.4
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R.S.D.	4.5	.6	.4	2.6	1.3	.9	5.6	.9	.5
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KILOMETER 18 STATION BRAZIL

TIME	3 SEP 1968			4 SEP 1968			5 SEP 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.9	28.9	28.6	30.3	29.7	29.1	31.0	30.4	29.6	200
400	28.4	28.9	28.6	29.8	29.7	29.2	30.5	30.4	29.7	400
600	28.0	28.8	28.6	29.3	29.6	29.3	30.2	30.3	29.7	600
800	27.8	28.9	28.8	29.2	29.7	29.4	30.0	30.3	29.9	800
1000	28.5	29.0	29.0	29.9	29.8	29.7	30.2	30.4	30.0	1000
1200	29.6	29.0	29.1	31.0	29.9	29.7	31.0	30.4	30.1	1200
1400	31.2	29.1	29.2	32.2	30.0	29.7	31.9	30.5	30.2	1400
1600	32.3	29.3	29.2	33.2	30.1	29.7	32.5	30.4	30.1	1600
1800	32.5	29.4	29.1	33.3	30.2	29.6	32.4	30.3	29.9	1800
2000	32.1	29.5	29.0	32.8	30.3	29.5	32.0	30.4	29.8	2000
2200	31.5	29.6	29.0	32.3	30.4	29.5	31.5	30.5	29.8	2200
2400	30.9	29.7	29.0	31.7	30.5	29.5	31.0	30.5	29.8	2400
MINIMUM	27.8	28.8	28.6	29.2	29.6	29.1	30.0	30.3	29.6	
MAXIMUM	32.5	29.7	29.2	33.3	30.5	29.7	32.5	30.5	30.2	
MEAN	30.1	29.2	28.9	31.2	30.0	29.5	31.2	30.4	29.9	
MEDIAN	30.9	29.1	29.0	31.7	30.0	29.5	31.0	30.4	29.9	
RANGE	4.7	.9	.6	4.1	.9	.6	2.5	.2	.6	
R.S.D.	5.7	1.0	.8	4.7	1.0	.7	2.7	.2	.6	

KILOMETER 18 STATION BRAZIL

6 SEP 1968

7 SEP 1968

8 SEP 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	30.5	30.4	29.8	29.7	30.1	29.8	30.6	30.4	29.8	200
400	30.0	30.3	29.8	29.4	30.0	29.8	30.1	30.3	29.8	400
600	29.5	30.2	29.8	29.0	29.9	29.8	29.7	30.2	29.8	600
800	29.3	30.2	30.0	29.0	29.9	29.8	29.6	30.3	30.0	800
1000	29.7	30.3	30.1	29.5	30.0	30.0	30.1	30.5	30.3	1000
1200	30.6	30.3	30.3	30.6	30.1	30.1	31.4	30.5	30.4	1200
1400	31.4	30.2	30.1	31.6	30.1	30.1	32.4	30.6	30.4	1400
1600	31.6	30.1	30.0	32.5	30.2	30.1	33.0	30.5	30.2	1600
1800	31.5	30.2	29.9	32.6	30.3	30.0	32.9	30.5	30.1	1800
2000	31.0	30.2	29.8	31.2	30.3	29.8	32.5	30.6	30.0	2000
2200	30.5	30.2	29.8	31.7	30.4	29.8	31.8	30.7	29.9	2200
2400	30.0	30.2	29.8	31.2	30.4	29.8	31.3	30.7	30.0	2400

MINIMUM	29.3	30.1	29.8	21.2	29.9	29.8	29.6	30.2	29.8
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MAXIMUM	31.6	30.4	30.3	32.6	30.4	30.1	33.0	30.7	30.4
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MEAN	30.5	30.2	29.9	29.0	30.1	29.9	31.3	30.5	30.1
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MEDIAN	30.5	30.2	29.9	29.7	30.1	29.8	31.4	30.5	30.0
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RANGE	2.3	.3	.5	1.4	.5	.3	3.4	.5	.6
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R.S.D.	2.5	.2	.5	0.4	.6	.4	3.8	.5	.7
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KILOMETER 18 STATION BRAZIL

TIME	9 SEP 1968			10 SEP 1968			11 SEP 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
	200	30.8	30.6	30.0	30.6	30.6	30.1	31.5	31.1	
400	30.3	30.5	30.1	30.2	30.5	30.1	31.1	31.0	30.5	400
600	30.0	30.5	30.1	30.0	30.5	30.2	30.7	31.0	30.5	600
800	29.9	30.5	30.2	30.2	30.5	30.5	31.0	31.2	30.8	800
1000	30.6	30.6	30.4	31.0	30.7	30.6	31.5	31.2	31.0	1000
1200	31.7	30.6	30.5	32.1	30.7	30.7	32.2	31.2	31.0	1200
1400	32.5	30.6	30.5	33.4	30.8	30.7	33.0	31.2	30.9	1400
1600	32.6	30.6	30.3	33.8	30.9	30.6	33.2	31.2	30.8	1600
1800	32.4	30.6	30.2	33.7	31.0	30.4	33.1	31.1	30.7	1800
2000	32.0	30.6	30.1	33.2	31.0	30.3	32.7	31.2	30.5	2000
2200	31.5	30.6	30.1	33.6	31.1	30.3	32.2	31.2	30.5	2200
2400	31.0	30.6	30.1	32.1	31.1	30.4	31.8	31.2	30.5	2400
MINIMUM	29.9	30.5	30.0	30.0	30.5	30.1	30.7	31.0	30.4	
MAXIMUM	32.6	30.6	30.5	33.8	31.1	30.7	33.2	31.2	31.0	
MEAN	31.3	30.6	30.2	32.0	30.8	30.4	32.0	31.1	30.7	
MEDIAN	31.5	30.6	30.2	32.1	30.8	30.4	32.2	31.2	30.7	
RANGE	2.7	.1	.5	3.8	.6	.6	2.5	.2	.6	
R.S.D.	3.0	.1	.5	4.6	.7	.7	2.6	.2	.7	

KILOMETER 18 STATION BRAZIL

TIME	12 SEP 1968			13 SEP 1968			14 SEP 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	31.3	31.1	30.5	31.5	31.3	30.7	28.8	30.2	30.4	200
400	30.9	31.0	30.5	31.1	31.2	30.7	28.5	30.1	30.3	400
600	30.5	31.0	30.6	30.8	31.1	30.8	28.3	29.9	30.2	600
800	30.6	31.1	30.8	30.9	31.2	30.9	28.0	29.8	30.1	800
1000	31.2	31.1	31.0	31.1	31.2	31.0	28.2	29.7	30.1	1000
1200	32.1	31.2	31.1	31.2	31.0	30.9	28.7	29.7	30.2	1200
1400	33.0	31.2	31.1	31.0	30.8	30.8	29.2	29.7	30.2	1400
1600	33.5	31.2	31.0	30.7	30.8	30.7	29.7	29.7	30.1	1600
1800	33.5	31.2	30.8	30.3	30.7	30.6	29.5	29.6	30.0	1800
2000	33.0	31.3	30.7	30.0	30.6	30.5	29.2	29.5	29.8	2000
2200	32.5	31.3	30.6	29.5	30.5	30.5	28.7	29.4	29.7	2200
2400	32.0	31.3	30.7	29.1	30.3	30.5	28.3	29.3	29.7	2400
MINIMUM	30.5	31.0	30.5	29.1	30.3	30.5	28.0	29.3	29.7	
MAXIMUM	33.5	31.3	31.1	31.5	31.3	31.0	29.7	30.2	30.4	
MEAN	32.0	31.2	30.8	30.6	30.9	30.7	28.8	29.7	30.1	
MEDIAN	32.1	31.2	30.8	30.9	31.0	30.7	28.7	29.7	30.1	
RANGE	3.0	.3	.6	2.4	1.0	.5	1.7	.9	.7	
R.S.D.	3.3	.3	.7	2.3	1.0	.5	1.8	.8	.7	

KILOMETER 18 STATION BRAZIL

TIME	15 SEP 1968			16 SEP 1968			17 SEP 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.0	29.2	29.6	27.5	28.7	29.2	28.1	28.9	29.0	200
400	27.5	29.1	29.6	27.3	28.6	29.2	27.3	28.8	29.0	400
600	27.3	29.0	29.5	27.2	28.6	29.2	27.0	28.7	29.0	600
800	27.5	29.1	29.6	27.3	28.7	29.2	27.7	28.9	29.2	800
1000	28.0	29.1	29.7	28.8	28.8	29.3	28.8	29.0	29.4	1000
1200	29.0	29.1	29.7	29.2	28.9	29.4	30.2	29.1	29.4	1200
1400	29.2	28.9	29.5	30.2	29.0	29.4	30.8	29.0	29.2	1400
1600	29.1	29.0	29.4	30.3	28.9	29.2	31.2	29.3	29.3	1600
1800	28.8	29.0	29.4	29.9	28.9	29.1	30.7	29.2	29.1	1800
2000	28.5	29.0	29.3	29.5	29.0	29.0	30.3	29.3	29.0	2000
2200	28.1	28.9	29.3	29.0	29.0	29.0	29.7	29.3	29.0	2200
2400	27.7	28.8	29.3	28.5	29.0	29.0	29.3	29.3	29.1	2400
MINIMUM	27.3	28.8	29.3	27.2	28.6	29.0	27.0	28.7	29.0	
MAXIMUM	29.2	29.2	29.7	30.3	29.0	29.4	31.2	29.3	29.4	
MEAN	28.2	29.0	29.5	28.7	28.8	29.2	29.3	29.1	29.1	
MEDIAN	28.1	29.0	29.5	29.0	28.9	29.2	29.7	29.1	29.1	
RANGE	1.9	.4	.4	3.1	.4	.4	4.2	.6	.4	
R.S.D.	2.3	.4	.5	3.9	.5	.5	4.8	.7	.5	

KILOMETER 18 STATION BRAZIL

TIME	18 SEP 1968			19 SEP 1968			20 SEP 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.8	29.3	29.2	29.8	29.7	29.5	30.0	30.1	29.7	200
400	28.4	29.2	29.2	29.3	29.6	29.5	29.5	30.0	29.7	400
600	28.1	29.0	29.2	29.0	29.6	29.5	29.2	29.9	29.7	600
800	28.2	29.2	29.4	29.1	29.8	29.7	29.4	30.0	30.0	800
1000	29.0	29.3	29.5	30.0	29.9	29.9	30.0	30.1	30.1	1000
1200	30.5	29.3	29.6	31.4	29.9	29.9	31.5	30.1	30.2	1200
1400	31.5	29.4	29.6	32.4	30.0	29.9	32.5	30.2	30.1	1400
1600	32.0	29.5	29.5	32.5	29.9	29.7	32.8	30.2	30.0	1600
1800	31.8	29.5	29.4	32.1	30.0	29.6	32.5	30.2	29.9	1800
2000	31.4	29.6	29.3	31.5	30.1	29.6	31.9	30.3	29.8	2000
2200	30.8	29.7	29.3	31.0	30.1	29.6	31.3	30.4	29.8	2200
2400	30.3	29.7	29.4	30.5	30.1	29.7	30.6	30.4	29.9	2400
MINIMUM	28.1	29.0	29.2	29.0	29.6	29.5	29.2	29.9	29.7	
MAXIMUM	32.0	29.7	29.6	32.5	30.1	29.9	32.8	30.4	30.2	
MEAN	30.1	29.4	29.4	30.7	29.9	29.7	30.9	30.2	29.9	
MEDIAN	30.5	29.4	29.4	31.0	29.9	29.7	31.3	30.2	29.9	
RANGE	3.9	.7	.4	3.5	.5	.4	3.6	.5	.5	
R.S.D.	4.7	.7	.5	4.0	.6	.5	4.1	.5	.6	

KILOMETER 18 STATION BRAZIL

21 SEP 1968

22 SEP 1968

23 SEP 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	21 SEP 1968			22 SEP 1968			23 SEP 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200		30.3	29.9	29.0	30.0	29.9	29.3	29.9	29.7	200
400	29.5	30.2	29.9	28.5	29.9	29.8	28.8	29.8	29.7	400
600	29.2	30.1	29.9	28.1	29.7	29.8	28.5	29.7	29.7	600
800	29.5	30.3	30.1	28.3	29.8	30.0	28.6	29.6	29.8	800
1000	30.0	30.3	30.3	29.0	29.8	30.1	28.8	29.7	29.9	1000
1200	31.0	30.2	30.2	30.2	29.8	30.1	29.6	29.8	30.0	1200
1400	32.0	30.3	30.2	31.3	29.9	30.1	30.5	29.8	30.0	1400
1600	32.2	30.3	30.1	31.9	30.0	30.1	30.8	29.7	29.8	1600
1800	31.9	30.3	30.0	31.7	29.9	29.9	30.5	29.7	29.7	1800
2000	31.3	30.3	29.9	31.1	29.9	29.7	30.0	29.6	29.6	2000
2200	30.2	30.3	29.9	30.5	29.9	29.7	29.5	29.6	29.5	2200
2400	29.5	30.2	29.9	30.0	29.9	29.7	29.0	29.5	29.5	2400
MINIMUM	29.2	30.1	29.9	28.1	29.7	29.7	28.5	29.5	29.5	
MAXIMUM	32.2	30.3	30.3	31.9	30.0	30.1	30.8	29.9	30.0	
MEAN	30.5	30.3	30.0	30.0	29.9	29.9	29.5	29.7	29.7	
MEDIAN	30.2	30.3	30.0	30.2	29.9	29.9	29.5	29.7	29.7	
RANGE	3.0	.2	.4	3.8	.3	.4	2.3	.4	.5	
R.S.D.	3.4	.2	.5	4.4	.3	.5	2.6	.4	.5	

KILOMETER 18 STATION BRAZIL

	24 SEP 1968			25 SEP 1968			26 SEP 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	28.6	29.5	29.5	27.3	28.7	29.1	28.0	28.7	28.7	200
400	28.3	29.4	29.5	27.0	28.6	29.0	27.7	28.6	28.7	400
600	28.1	29.3	29.5	26.8	28.5	29.0	27.3	28.5	28.7	600
800	28.2	29.3	29.5	26.9	28.4	29.0	27.3	28.5	28.8	800
1000	28.7	29.3	29.6	27.3	28.5	29.1	28.0	28.7	29.1	1000
1200	29.5	29.2	29.6	28.0	28.5	29.1	29.3	28.7	29.0	1200
1400	29.4	29.0	29.4	29.0	28.6	29.2	30.5	28.8	29.0	1400
1600	29.0	29.0	29.3	29.9	28.6	29.2	31.2	28.8	29.0	1600
1800	28.6	29.0	29.3	29.9	28.6	29.0	31.2	28.9	28.9	1800
2000	28.3	29.0	29.3	29.5	28.6	28.8	30.8	29.0	28.9	2000
2200	27.8	28.9	29.2	29.0	28.7	28.7	30.2	29.1	28.9	2200
2400	27.5	28.8	29.2	28.5	28.7	28.7	29.6	29.1	29.0	2400
MINIMUM	27.5	28.8	29.2	26.8	28.4	28.7	27.3	28.5	28.7	
MAXIMUM	29.5	29.5	29.6	29.9	28.7	29.2	31.2	29.1	29.1	
MEAN	28.5	29.1	29.4	28.3	28.6	29.0	29.3	28.8	28.9	
MEDIAN	28.6	29.2	29.5	28.5	28.6	29.0	29.6	28.8	28.9	
RANGE	2.0	.7	.4	3.1	.3	.5	3.9	.6	.4	
R.S.D.	2.0	.7	.5	4.0	.3	.6	5.0	.7	.5	

KILOMETER 18 STATION BRAZIL

TIME	27 SEP 1968			28 SEP 1968			29 SEP 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.2	29.1	29.0	29.7	29.5	29.1	28.6	29.4	29.4	200
400	28.7	29.0	29.0	29.2	29.4	29.1	28.3	29.3	29.4	400
600	28.3	29.0	29.0	28.8	29.3	29.2	27.8	29.1	29.3	600
800	28.2	29.0	29.0	28.8	29.4	29.5	28.0	29.2	29.4	800
1000	28.6	29.2	29.4	29.4	29.5	29.7	28.5	29.3	29.5	1000
1200	30.0	29.3	29.6	30.5	29.5	29.7	29.4	29.3	29.5	1200
1400	31.0	29.3	29.6	31.0	29.5	29.5	30.5	29.4	29.5	1400
1600	31.5	29.3	29.5	31.0	29.6	29.4	31.2	29.4	29.5	1600
1800	31.5	29.4	29.2	31.6	29.6	29.3	31.2	29.4	29.2	1800
2000	31.0	29.5	29.0	30.0	29.5	29.3	30.8	29.4	29.1	2000
2200	30.5	29.6	29.0	29.5	29.5	29.3	30.2	29.5	29.1	2200
2400	30.1	29.6	29.0	29.0	29.5	29.4	29.7	29.5	29.2	2400
MINIMUM	28.2	29.0	29.0	28.8	29.3	29.1	27.8	29.1	29.1	
MAXIMUM	31.5	29.6	29.6	31.6	29.6	29.7	31.2	29.5	29.5	
MEAN	29.9	29.3	29.2	29.9	29.5	29.4	29.5	29.3	29.3	
MEDIAN	30.1	29.3	29.0	29.7	29.5	29.4	29.7	29.4	29.4	
RANGE	3.3	.6	.6	2.8	.3	.6	3.4	.4	.4	
R.S.D.	4.0	.7	.8	3.0	.3	.7	4.1	.4	.5	

KILOMETER 18 STATION BRAZIL

30 SEP 1968

1 OCT 1968

2 OCT 1968

0-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	0-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME
200	29.3	29.5	29.2	28.7	29.4	29.3	29.7	29.7	29.3	200
400	29.0	29.4	29.3	28.4	29.3	29.3	29.3	29.6	29.4	400
600	28.8	29.5	29.4	28.1	29.2	29.3	29.0	29.6	29.4	600
800	28.9	29.5	29.5	28.3	29.3	29.4	29.1	29.7	29.5	800
1000	29.5	29.6	29.6	29.0	29.4	29.5	29.2	29.6	29.5	1000
1200	30.4	29.6	29.6	30.1	29.4	29.6	29.5	29.5	29.5	1200
1400	30.8	29.6	29.5	31.1	29.5	29.6	30.0	29.6	29.6	1400
1600	30.7	29.5	29.4	31.6	29.6	29.6	30.2	29.6	29.6	1600
1800	30.4	29.5	29.4	31.5	29.5	29.4	30.0	29.5	29.5	1800
2000	30.0	29.5	29.4	31.1	29.6	29.3	29.7	29.5	29.4	2000
2200	29.5	29.5	29.3	30.6	29.7	29.3	29.3	29.5	29.4	2200
2400	29.0	29.5	29.3	30.2	29.7	29.3	29.0	29.4	29.4	2400
MINIMUM	28.8	29.4	29.2	28.1	29.2	29.3	29.0	29.4	29.3	
MAXIMUM	30.8	29.6	29.6	31.6	29.7	29.6	30.2	29.7	29.6	
MEAN	29.7	29.5	29.4	29.9	29.5	29.4	29.5	29.6	29.5	
MEDIAN	29.5	29.5	29.4	30.2	29.5	29.4	29.5	29.6	29.5	
RANGE	2.0	.2	.4	3.5	.5	.3	1.2	.3	.3	
R.S.D.	2.4	.2	.4	4.2	.5	.4	1.3	.3	.3	

KILOMETER 18 STATION BRAZIL

TIME	3 OCT 1968			4 OCT 1968			5 OCT 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.5	29.3	29.3	28.0	29.0	29.0	28.5	29.1	29.0	200
400	28.0	29.2	29.2	27.7	28.9	29.0	28.2	29.0	29.0	400
600	27.6	29.0	29.2	27.4	28.7	29.0	27.9	28.9	29.0	600
800	27.6	29.0	29.3	27.5	28.8	29.1	28.0	29.0	29.1	800
1000	28.3	29.1	29.4	28.4	28.9	29.2	28.7	29.0	29.2	1000
1200	29.3	29.1	29.5	29.4	28.8	29.3	29.5	29.0	29.2	1200
1400	30.0	29.1	29.4	30.4	28.9	29.2	30.3	29.1	29.2	1400
1600	30.4	29.1	29.3	30.7	29.0	29.1	30.5	29.1	29.1	1600
1800	30.0	29.0	29.1	30.5	29.0	29.0	30.3	29.1	29.1	1800
2000	29.5	29.1	29.0	30.0	29.1	28.9	29.9	29.1	29.0	2000
2200	28.9	29.1	29.0	29.3	29.1	28.9	29.4	29.1	29.0	2200
2400	28.5	29.1	29.0	28.9	29.1	29.0	29.0	29.1	29.0	2400
MINIMUM	27.6	29.0	29.0	27.4	28.7	28.9	27.9	28.9	29.0	
MAXIMUM	30.4	29.3	29.5	30.7	29.1	29.3	30.5	29.1	29.2	
MEAN	28.9	29.1	29.2	29.0	28.9	29.1	29.2	29.0	29.1	
MEDIAN	28.9	29.1	29.3	29.3	29.0	29.0	29.4	29.1	29.1	
RANGE	2.8	.3	.5	3.3	.4	.4	2.6	.2	.2	
R.S.D.	3.2	.3	.6	4.0	.4	.4	3.1	.2	.3	

KILOMETER 18 STATION BRAZIL

6 OCT 1968

7 OCT 1968

8 OCT 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME
200	28.5	29.1	29.0	30.0	29.7	29.3	30.8	30.4	29.8	200
400	28.1	29.0	29.0	29.4	29.6	29.3	30.2	30.3	29.9	400
600	27.4	28.9	29.0	29.4	29.8	29.5	30.0	30.3	30.0	600
800	28.0	29.0	29.2	29.5	29.9	29.7	30.1	30.5	30.2	800
1000	29.0	29.1	29.4	30.2	30.0	29.9	31.0	30.6	30.4	1000
1200	30.5	29.2	29.5	31.4	30.0	30.0	31.9	30.6	30.4	1200
1400	31.5	29.3	29.5	32.5	30.1	30.1	32.0	30.3	30.2	1400
1600	32.2	29.5	29.4	33.0	30.2	30.0	31.8	30.4	30.0	1600
1800	32.0	29.5	29.2	32.9	30.2	29.8	31.2	30.5	30.0	1800
2000	31.5	29.6	29.1	32.4	30.3	29.7	30.6	30.4	30.0	2000
2200	31.0	29.7	29.1	31.8	30.4	29.7	30.0	30.3	30.0	2200
2400	30.5	29.7	29.2	31.2	30.5	29.8	29.5	30.2	30.0	2400
MINIMUM	27.4	28.9	29.0	29.4	29.6	29.3	29.5	30.2	29.8	
MAXIMUM	32.2	29.7	29.5	33.0	30.5	30.1	32.0	30.6	30.4	
MEAN	30.0	29.3	29.2	31.1	30.1	29.7	30.8	30.4	30.1	
MEDIAN	30.5	29.3	29.2	31.4	30.1	29.8	30.8	30.4	30.0	
RANGE	4.8	.8	.5	3.6	.9	.8	2.5	.4	.6	
R.S.D.	5.5	.9	.6	4.3	.9	.8	2.6	.4	.6	

KILOMETER 18 STATION BRAZIL

TIME	9 OCT 1968			10 OCT 1968			11 OCT 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.1	30.1	30.0	29.0	29.9	29.9	28.3	29.4	29.5	200
400	28.7	30.0	29.9	28.5	29.8	29.9	28.0	29.3	29.5	400
600	28.5	29.9	29.9	28.3	29.6	29.9	27.7	29.1	29.5	600
800	28.7	29.9	30.0	28.5	29.8	30.0	28.0	29.2	29.6	800
1000	29.8	30.0	30.1	29.5	29.9	30.1	28.6	29.2	29.6	1000
1200	31.0	30.0	30.2	30.5	29.7	30.1	29.4	29.3	29.6	1200
1400	31.9	30.1	30.1	30.7	29.5	29.8	30.1	29.3	29.6	1400
1600	32.2	30.1	30.0	30.5	29.6	29.7	30.4	29.3	29.5	1600
1800	31.5	30.0	29.8	30.0	29.6	29.6	30.2	29.3	29.4	1800
2000	30.6	30.0	29.7	29.5	29.6	29.6	29.9	29.3	29.3	2000
2200	30.0	30.1	29.8	29.0	29.6	29.5	29.3	29.3	29.2	2200
2400	29.5	30.0	29.9	28.6	29.5	29.5	28.9	29.3	29.2	2400
MINIMUM	28.5	29.9	29.7	28.3	29.5	29.5	27.7	29.1	29.2	
MAXIMUM	32.2	30.1	30.2	30.7	29.9	30.1	30.4	29.4	29.6	
MEAN	30.1	30.0	29.9	29.4	29.7	29.8	29.1	29.3	29.5	
MEDIAN	30.0	30.0	30.0	29.5	29.6	29.9	29.3	29.3	29.5	
RANGE	3.7	.2	.5	2.4	.4	.6	2.7	.3	.4	
R.S.D.	4.1	.2	.5	2.8	.5	.7	3.1	.2	.5	

KILOMETER 18 STATION BRAZIL

TIME	12 OCT 1968			13 OCT 1968			14 OCT 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.5	27.7	27.7	28.5	29.3	29.2	28.2	29.1	29.1	200
400	28.2	29.1	29.2	28.0	29.1	29.2	28.0	29.0	29.1	400
600	28.0	29.1	29.2	27.8	29.1	29.3	27.9	29.0	29.2	600
800	28.3	29.2	29.5	28.2	29.2	29.5	28.0	29.1	29.3	800
1000	29.2	29.3	29.6	29.0	29.3	29.6	28.5	29.1	29.4	1000
1200	30.0	29.3	29.6	30.3	29.3	29.6	29.0	29.0	29.3	1200
1400	30.9	29.4	29.6	30.4	29.1	29.3	29.4	29.0	29.2	1400
1600	31.0	29.3	29.6	30.3	29.2	29.3	29.2	28.9	29.0	1600
1800	30.5	29.4	29.2	29.9	29.3	29.2	28.7	28.8	28.9	1800
2000	30.0	29.4	29.2	29.5	29.3	29.1	28.3	28.8	28.9	2000
2200	29.4	29.4	29.2	29.0	29.3	29.1	27.9	28.7	28.9	2200
2400	28.9	29.4	29.7	28.5	29.2	29.1	27.5	28.6	28.8	2400
MINIMUM	28.0	29.0	29.2	27.8	29.1	29.1	27.5	28.6	28.8	
MAXIMUM	31.0	29.4	29.6	30.4	29.3	29.6	29.4	29.1	29.4	
MEAN	29.4	29.3	29.3	29.1	29.2	29.3	28.4	28.9	29.1	
MEDIAN	29.4	29.3	29.3	29.0	29.3	29.3	28.3	29.0	29.1	
RANGE	3.0	.4	.4	2.6	.2	.5	1.9	.5	.6	
R.S.D.	3.5	.4	.6	3.1	.3	.6	2.0	.5	.6	

KILOMETER 19 STATION BRAZIL

15 OCT 1968				16 OCT 1968			17 OCT 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.2	28.5	28.8	28.3	28.8	28.6	29.0	29.2	29.0	200
400	27.0	28.5	28.8	28.0	28.7	28.7	28.7	29.1	29.0	400
600	26.7	28.4	28.7	27.7	28.6	28.8	28.4	29.1	29.0	600
800	26.9	28.4	28.8	27.8	28.7	28.9	28.5	29.2	29.2	800
1000	27.8	28.5	28.9	28.5	28.8	29.1	29.6	29.3	29.3	1000
1200	29.0	28.5	28.9	30.0	28.9	29.2	31.0	29.4	29.4	1200
1400	30.0	28.6	28.9	30.7	28.9	29.1	32.0	29.5	29.4	1400
1600	30.4	28.6	28.8	31.0	29.0	29.0	32.5	29.6	29.4	1600
1800	30.1	28.7	28.7	30.7	29.0	28.9	32.3	29.7	29.3	1800
2000	29.6	28.7	28.6	30.3	29.1	28.8	31.9	29.8	29.2	2000
2200	29.2	28.8	28.6	29.9	29.2	28.9	31.3	29.9	29.2	2200
2400	28.7	28.8	28.6	29.5	29.2	29.0	30.8	30.0	29.3	2400
MINIMUM	26.7	28.4	28.6	27.7	28.6	28.6	28.4	29.1	29.0	
MAXIMUM	30.4	28.8	28.9	31.0	29.2	29.2	32.5	30.0	29.4	
MEAN	28.5	28.6	28.8	29.4	28.9	28.9	30.5	29.5	29.2	
MEDIAN	29.0	28.6	28.8	29.9	28.9	28.9	31.0	29.5	29.3	
RANGE	3.7	.4	.3	3.3	.6	.6	4.1	.9	.4	
R.S.D.	4.4	.5	.4	4.0	.7	.6	4.9	1.0	.5	

KILOMETER 18 STATION BRAZIL

18 OCT 1968			19 OCT 1968			20 OCT 1968				
20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME	
200	30.4	30.0	29.4	29.2	29.9	29.5	29.4	29.9	29.5	200
400	30.0	29.9	29.5	28.7	29.8	29.5	29.0	29.8	29.5	400
600	29.7	29.9	29.5	28.5	29.7	29.6	28.7	29.7	29.7	600
800	29.9	30.1	29.7	28.7	29.8	29.8	29.2	29.9	29.9	800
1000	30.5	30.1	29.9	29.5	29.8	29.9	30.2	30.0	30.1	1000
1200	31.5	30.1	29.9	30.6	29.8	29.9	31.5	30.0	30.1	1200
1400	32.0	30.1	29.8	31.6	29.9	29.9	32.4	30.0	30.0	1400
1600	32.2	30.1	29.7	32.1	30.0	29.8	32.5	30.0	29.8	1600
1800	31.6	30.1	29.5	31.7	30.0	29.6	32.0	30.1	29.6	1800
2000	31.0	30.1	29.5	31.1	30.0	29.5	31.5	30.2	29.6	2000
2200	30.3	30.1	29.6	30.5	30.0	29.5	31.0	30.3	29.6	2200
2400	29.7	30.0	29.6	30.0	29.9	29.5	30.4	30.2	29.7	2400
MINIMUM	29.7	29.9	29.4	28.5	29.7	29.5	28.7	29.7	29.5	
MAXIMUM	32.2	30.1	29.9	32.1	30.0	29.9	32.5	30.3	30.1	
MEAN	30.7	30.0	29.6	30.2	29.9	29.7	30.6	30.0	29.8	
MÉDIAN	30.5	30.1	29.6	30.5	29.9	29.6	31.0	30.0	29.7	
RANGE	2.5	.2	.5	3.6	.3	.4	3.8	.6	.6	
R.S.D.	2.8	.3	.5	4.0	.3	.6	4.2	.6	.7	

KILOMETER 18 STATION BRAZIL

21 OCT 1968

22 OCT 1968

23 OCT 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	30.0	30.2	29.8						200
400	29.5	30.1	29.8						400
600	29.2	30.0	29.9						600
800	29.4	30.1	30.0						800
1000									1000
1200						30.6	30.3	30.4	1200
1400						31.7	30.4	30.4	1400
1600						32.7	30.4	30.4	1600
1800						33.0	30.5	30.2	1800
2000						32.8	30.5	30.0	2000
2200						32.3	30.5	29.9	2200
2400						31.8	30.5	29.9	2400

MINIMUM 29.2 30.0 29.8 30.6 30.3 29.9

MAXIMUM 30.0 30.2 30.0 33.0 30.5 30.4

MEAN 29.5 30.1 29.9 32.1 30.4 30.2

MEDIAN 29.5 30.1 29.9 32.3 30.5 30.2

RANGE .8 .2 .2 2.4 .2 .5

R.S.D. 1.0 .2 .3 2.4 .2 .7

KILOMETER 18 STATION BRAZIL

	24 OCT 1968			25 OCT 1968			26 OCT 1968			TIME
	0-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	31.4	30.6	30.0	31.7	30.9	30.2	31.9	31.1	30.4	200
400	30.9	30.5	30.0	31.2	30.8	30.2	31.4	31.1	30.4	400
600	30.5	30.5	30.0	30.7	30.7	30.2	31.0	31.0	30.4	600
800	30.2	30.5	30.0	30.4	30.7	30.3	30.7	31.0	30.5	800
1000	30.5	30.7	30.3	30.7	31.0	30.5	31.0	31.3	30.9	1000
1200	31.2	30.9	30.5	31.4	31.1	30.7	31.7	31.4	31.0	1200
1400	32.1	30.9	30.6	32.2	31.1	30.8	32.8	31.4	31.1	1400
1600	33.2	30.9	30.6	33.1	31.1	30.8	33.6	31.4	31.1	1600
1800	33.4	30.8	30.5	33.5	31.1	30.7	34.0	31.5	31.0	1800
2000	33.3	30.8	30.3	33.3	31.0	30.5	33.8	31.4	30.7	2000
2200	32.8	30.9	30.1	33.0	31.1	30.4	33.3	31.4	30.6	2200
2400	32.2	30.9	30.1	32.4	31.1	30.4	32.8	31.5	30.6	2400
MINIMUM	30.2	30.5	30.0	30.4	30.7	30.2	30.7	31.0	30.4	
MAXIMUM	33.4	30.9	30.6	33.5	31.1	30.8	34.0	31.5	31.1	
MEAN	31.8	30.7	30.2	32.0	31.0	30.5	32.3	31.3	30.7	
MEDIAN	32.1	30.8	30.3	32.2	31.1	30.5	32.8	31.4	30.7	
RANGE	3.2	.4	.6	3.1	.4	.6	3.3	.5	.7	
R.S.D.	3.5	.5	.8	3.3	.5	.7	3.5	.6	.9	

KILOMETER 10 STATION BRAZIL

	27 OCT 1968			28 OCT 1968			29 OCT 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										
200	32.3	31.5	30.6	32.0	31.6	31.0	29.8	30.8	30.6	200
400	31.8	31.5	30.7	31.5	31.5	31.0	29.4	30.7	30.5	400
600	31.3	31.4	30.8	30.7	31.4	30.9	29.1	30.5	30.5	600
800	31.1	31.4	30.9	30.7	31.5	31.1	29.1	30.5	30.6	800
1000	31.4	31.5	31.0	31.0	31.5	31.2	29.9	30.6	30.7	1000
1200	32.0	31.7	31.2	31.7	31.4	31.3	31.0	30.6	30.8	1200
1400	33.0	31.7	31.2	32.3	31.3	31.1	32.1	30.7	30.8	1400
1600	33.7	31.7	31.2	32.2	31.2	30.9	32.7	30.7	30.7	1600
1800	33.9	31.6	31.1	31.7	31.1	30.8	32.5	30.7	30.5	1800
2000	33.7	31.6	31.0	31.2	31.0	30.7	32.0	30.7	30.4	2000
2200	33.2	31.6	30.9	30.7	31.0	30.6	31.3	30.7	30.4	2200
2400	32.5	31.6	30.9	30.3	31.0	30.6	30.8	30.7	30.4	2400
MINIMUM	31.1	31.4	30.6	30.3	31.0	30.6	29.1	30.5	30.4	
MAXIMUM	33.9	31.7	31.2	32.3	31.6	31.3	32.7	30.8	30.8	
MEAN	32.5	31.6	31.0	31.3	31.3	30.9	30.8	30.7	30.6	
MEDIAN	32.5	31.6	31.0	31.5	31.4	31.0	31.0	30.7	30.6	
RANGE	2.8	.3	.6	2.0	.6	.7	3.6	.3	.4	
R.S.D.	2.9	.3	.6	2.0	.7	.7	4.1	.3	.5	

KILOMETER 18 STATION BRAZIL

30 OCT 1968				31 OCT 1968			1 NOV 1968			
20-40 CM.			40-60 CM.	20-40 CM.		40-60 CM.	20-40 CM.		40-60 CM.	60-80 CM.
TIME										TIME
200	30.3	30.7	30.4	29.7	30.5	30.3	29.7	30.2	30.0	200
400	29.9	30.6	30.4	29.3	30.3	30.3	29.3	30.1	30.0	400
600	29.4	30.5	30.4	28.8	30.2	30.3	28.9	30.0	30.0	600
800	29.5	30.6	30.5	28.9	30.3	30.4	29.0	30.0	30.1	800
1000	30.4	30.7	30.7	29.5	30.4	30.5	29.5	30.1	30.3	1000
1200	31.5	30.7	30.8	30.5	30.4	30.6	30.5	30.2	30.4	1200
1400	32.3	30.6	30.7	31.3	30.4	30.6	31.5	30.2	30.4	1400
1600	32.4	30.6	30.6	31.6	30.3	30.4	31.9	30.0	30.2	1600
1800	32.0	30.6	30.5	31.5	30.3	30.2	31.7	30.0	29.9	1800
2000	31.4	30.6	30.4	31.0	30.3	30.1	31.2	30.1	29.9	2000
2200	30.7	30.6	30.3	30.5	30.3	30.1	30.6	30.2	29.9	2200
2400	30.2	30.5	30.3	30.0	30.3	30.0	30.2	30.2	30.0	2400
MINIMUM	29.4	30.5	30.3	28.8	30.2	30.0	28.9	30.0	29.9	
MAXIMUM	32.4	30.7	30.8	31.6	30.5	30.6	31.9	30.2	30.4	
MEAN	30.8	30.6	30.5	30.2	30.3	30.3	30.3	30.1	30.1	
MEDIAN	30.7	30.6	30.5	30.5	30.3	30.3	30.5	30.1	30.0	
RANGE	3.0	.2	.5	2.8	.3	.6	3.0	.2	.5	
R.S.D.	3.3	.2	.5	3.2	.2	.6	3.4	.3	.6	

KILOMETER 18 STATION BRAZIL

2 NOV 1968

3 NOV 1968

4 NOV 1968

20-40 CM. 40-60 CM. 60-80 CM. 20-40 CM. 40-60 CM. 60-80 CM. 20-40 CM. 40-60 CM. 60-80 CM.

TIME	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME
200	29.7	30.1	30.0	27.8	29.1	29.5	28.3	29.2	29.3	200
400	29.3	30.1	30.0	27.5	29.0	29.5	28.0	29.1	29.3	400
600	29.0	30.0	30.0	27.3	28.9	29.4	27.7	29.0	29.3	600
800	28.7	29.9	29.9	27.5	29.0	29.5	28.0	29.1	29.4	800
1000	28.4	29.8	29.9	28.1	29.1	29.6	28.5	29.2	29.5	1000
1200	28.5	29.8	30.0	29.0	29.1	29.6	29.5	29.2	29.5	1200
1400	28.9	29.7	30.0	29.8	29.1	29.5	30.5	29.3	29.5	1400
1600	29.0	29.6	29.9	30.1	29.2	29.5	30.8	29.1	29.2	1600
1800	28.9	29.5	29.8	30.0	29.2	29.4	30.5	29.2	29.1	1800
2000	28.7	29.4	29.7	29.6	29.2	29.3	30.0	29.3	29.1	2000
2200	28.5	29.3	29.6	29.2	29.2	29.3	29.5	29.3	29.1	2200
2400	28.1	29.2	29.5	28.8	29.2	29.3	29.0	29.3	29.2	2400
MINIMUM	28.1	29.2	29.5	27.3	28.9	29.3	27.7	29.0	29.1	
MAXIMUM	29.7	30.1	30.0	30.1	29.2	29.6	30.8	29.3	29.5	
MEAN	28.8	29.7	29.9	28.7	29.1	29.4	29.2	29.2	29.3	
MEDIAN	28.9	29.8	29.9	29.0	29.1	29.5	29.5	29.2	29.3	
RANGE	1.6	.9	.5	2.8	.3	.3	3.1	.3	.4	
R.S.D.	1.4	1.0	.6	3.5	.3	.4	3.6	.3	.5	

KILOMETER 18 STATION BRAZIL

TIME	5 NOV 1968			6 NOV 1968			7 NOV 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.6	29.3	29.3	28.3	29.0	29.0	27.7	28.7	29.0	200
400	28.3	29.1	29.3	28.0	29.0	29.0	27.4	28.6	28.9	400
600	28.0	29.0	29.3	27.7	28.9	29.0	27.1	28.5	28.8	600
800	28.0	29.1	29.4	27.7	28.9	29.2	27.1	28.5	28.9	800
1000	28.5	29.3	29.5	28.5	29.0	29.4	27.8	28.6	29.0	1000
1200	29.4	29.3	29.6	29.3	29.1	29.4	28.5	28.7	29.1	1200
1400	29.8	29.1	29.4	29.5	29.0	29.2	29.5	28.8	29.2	1400
1600	29.9	29.1	29.3	29.3	28.9	29.0	30.1	28.8	29.1	1600
1800	29.7	29.2	29.2	29.1	28.9	29.0	30.3	28.8	29.0	1800
2000	29.3	29.2	29.1	28.7	28.9	29.0	30.0	28.9	28.9	2000
2200	29.0	29.2	29.1	28.4	28.9	29.0	29.6	29.0	28.9	2200
2400	28.5	29.1	29.1	28.0	28.8	29.0	29.3	29.0	28.9	2400
MINIMUM	28.0	29.0	29.1	27.7	28.8	29.0	27.1	28.5	28.8	
MAXIMUM	29.9	29.3	29.6	29.5	29.1	29.4	30.3	29.0	29.2	
MEAN	28.9	29.2	29.3	28.5	28.9	29.1	28.7	28.7	29.0	
MEDIAN	29.0	29.2	29.3	28.5	28.9	29.0	29.3	28.8	29.0	
RANGE	1.9	.3	.5	1.8	.3	.4	3.2	.5	.4	
R.S.D.	2.3	.3	.5	2.1	.3	.5	4.1	.6	.4	

KILOMETER 18 STATION BRAZIL

8 NOV 1968			9 NOV 1968			10 NOV 1968				
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	28.8	29.0	28.9	27.4	28.3	28.6	27.8	28.5	28.5	200
400	28.5	28.9	28.9	27.2	28.2	28.5	27.5	28.4	28.5	400
600	28.0	28.9	28.9	27.0	28.1	28.5	27.2	28.3	28.5	600
800	27.7	28.8	28.9	27.0	28.2	28.6	27.0	28.3	28.6	800
1000	27.6	28.7	28.9	27.5	28.3	28.8	27.5	28.4	28.7	1000
1200	27.7	28.7	28.9	28.3	28.4	28.9	27.5	28.2	28.6	1200
1400	28.0	28.7	29.0	29.1	28.5	28.9	27.4	28.1	28.5	1400
1600	28.4	28.7	29.0	29.6	28.5	28.8	27.4	28.0	28.5	1600
1800	28.5	28.6	28.9	29.6	28.5	28.6	27.4	28.0	28.5	1800
2000	28.3	28.5	28.8	29.1	28.4	28.5	27.2	28.0	28.4	2000
2200	28.0	28.5	28.7	28.6	28.5	28.5	27.0	27.9	28.3	2200
2400	27.6	28.4	28.6	28.3	28.5	28.5	26.8	27.9	28.3	2400
MINIMUM	27.6	28.4	28.6	27.0	28.1	28.5	26.8	27.9	28.3	
MAXIMUM	28.8	29.0	29.0	29.6	28.5	28.9	27.8	28.5	28.7	
MEAN	28.1	28.7	28.9	28.2	28.4	28.6	27.3	28.2	28.5	
MEDIAN	28.0	28.7	28.9	28.3	28.4	28.6	27.4	28.2	28.5	
RANGE	1.2	.6	.4	2.6	.4	.4	1.0	.6	.4	
R.S.D.	1.4	.6	.4	3.3	.5	.5	1.0	.7	.4	

KILOMETER 18 STATION BRAZIL

TIME	11 NOV 1968			12 NOV 1968			13 NOV 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	27.1	28.3	28.1	28.1	28.2	28.2	28.1	28.4	28.4	200
400	27.0	28.2	28.0	27.9	28.1	28.3	27.8	28.3	28.4	400
600	26.4	28.1	28.0	27.6	28.1	28.3	27.5	28.3	28.4	600
800	26.4	28.1	28.2	27.6	28.2	28.4	27.5	28.3	28.5	800
1000	26.5	28.1	28.4	27.8	28.2	28.5	28.0	28.4	28.6	1000
1200	27.5	28.1	28.5	28.3	28.3	28.5	28.7	28.5	28.7	1200
1400	28.5	28.1	28.6	29.0	28.4	28.6	29.1	28.4	28.6	1400
1600	29.3	28.1	28.5	29.6	28.5	28.6	29.1	28.3	28.5	1600
1800	29.5	28.1	28.4	29.6	28.4	28.4	28.8	28.3	28.4	1800
2000	29.1	28.1	28.3	29.3	28.4	28.3	28.5	28.3	28.4	2000
2200	28.8	28.2	28.2	28.9	28.4	28.3	28.0	28.3	28.4	2200
2400	28.5	28.2	28.2	28.5	28.4	28.4	27.7	28.2	28.3	2400
MINIMUM	26.4	28.1	28.0	27.6	28.1	28.2	27.5	28.2	28.3	
MAXIMUM	29.5	28.3	28.6	29.6	28.5	28.6	29.1	28.5	28.7	
MEAN	27.9	28.1	28.3	28.5	28.3	28.4	28.2	28.3	28.5	
MEDIAN	28.5	28.1	28.3	28.5	28.4	28.4	28.1	28.3	28.4	
RANGE	3.1	.2	.6	2.0	.4	.4	1.6	.3	.4	
R.S.D.	4.1	.2	.7	2.5	.5	.4	2.0	.3	.4	

KILOMETER 18 STATION BRAZIL

14 NOV 1968				15 NOV 1968			16 NOV 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME
TIME										TIME
200	27.3	28.1	28.3	28.0	28.3	28.3	28.0	28.4	28.4	200
400	27.0	28.0	28.3	27.8	28.2	28.3	27.8	28.3	28.4	400
600	26.7	28.0	28.3	27.4	28.1	28.3	27.5	28.2	28.4	600
800	26.6	28.0	28.3	27.4	28.1	28.4	27.5	28.2	28.4	800
1000	27.3	28.1	28.5	27.9	28.3	28.5	27.7	28.3	28.5	1000
1200	28.0	28.2	28.6	28.8	28.4	28.7	28.0	28.3	28.5	1200
1400	28.9	28.3	28.6	29.2	28.3	28.6	27.3	27.9	28.3	1400
1600	29.3	28.3	28.6	29.3	28.3	28.5	26.3	27.7	28.1	1600
1800	29.4	28.4	28.5	29.2	28.4	28.4	26.0	27.5	28.0	1800
2000	29.1	28.3	28.4	28.8	28.4	28.4	25.8	27.4	28.0	2000
2200	28.8	28.3	28.3	28.5	28.4	28.4	25.6	27.3	27.9	2200
2400	28.4	28.3	28.3	28.3	28.4	28.4	25.5	27.1	27.8	2400
MINIMUM	26.6	28.0	28.3	27.4	28.1	28.3	25.5	27.1	27.8	
MAXIMUM	29.4	28.4	28.6	29.3	28.4	28.7	28.0	28.4	28.5	
MEAN	28.1	28.2	28.4	28.4	28.3	28.4	26.9	27.9	28.2	
MEDIAN	28.4	28.3	28.4	28.5	28.3	28.4	27.5	28.2	28.4	
RANGE	2.8	.4	.3	1.9	.3	.4	2.5	1.3	.7	
R.S.D.	3.6	.5	.5	2.3	.4	.4	3.5	1.6	.8	

KILOMETER 18 STATION BRAZIL

	17 NOV 1968			18 NOV 1968			19 NOV 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	25.3	27.0	27.7	26.5	27.1	27.4	28.0	27.7	27.6	200
400	25.1	26.9	27.6	26.3	27.1	27.4	27.6	27.7	27.6	400
600	25.0	26.8	27.5	26.0	27.0	27.4	27.4	27.7	27.7	600
800	25.0	26.8	27.5	26.0	27.1	27.5	27.5	27.8	27.9	800
1000	26.0	26.9	27.5	27.0	27.2	27.6	28.0	28.0	28.0	1000
1200	26.3	26.9	27.6	28.0	27.3	27.7	28.6	28.0	28.1	1200
1400	27.0	27.0	27.6	29.0	27.5	27.7	29.0	27.9	28.0	1400
1600	27.7	27.1	27.7	29.5	27.6	27.7	29.1	28.0	28.0	1600
1800	27.9	27.2	27.6	29.4	27.6	27.6	29.0	28.0	28.0	1800
2000	27.6	27.1	27.5	29.0	27.6	27.5	28.7	28.0	27.9	2000
2200	27.3	27.1	27.4	28.6	27.7	27.5	28.3	28.0	28.0	2200
2400	26.8	27.1	27.4	28.3	27.7	27.6	28.0	28.0	28.0	2400
MINIMUM	25.0	26.8	27.4	26.0	27.0	27.4	27.4	27.7	27.6	
MAXIMUM	27.9	27.2	27.7	29.5	27.7	27.7	29.1	28.0	28.1	
MEAN	26.4	27.0	27.5	27.8	27.4	27.5	28.3	27.9	27.9	
MEDIAN	26.8	27.0	27.6	28.3	27.5	27.6	28.3	28.0	28.0	
RANGE	2.9	.4	.3	3.5	.7	.3	1.7	.3	.5	
R.S.D.	4.0	.5	.3	4.7	.9	.4	2.1	.5	.6	

KILOMETER 18 STATION BRAZIL

20 NOV 1968				21 NOV 1968			22 NOV 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.8	28.0	27.9	29.5	28.8	28.3	29.5	29.2	28.7	200
400	27.5	27.9	27.9	29.0	28.8	28.4	29.1	29.1	28.7	400
600	27.2	27.9	28.0	28.8	28.8	28.5	28.8	29.1	28.8	600
800	27.4	28.0	28.1	28.9	29.0	28.7	28.8	29.1	28.9	800
1000	28.0	28.1	28.3	29.3	29.1	28.9	29.2	29.2	29.0	1000
1200	29.3	28.2	28.4	30.0	29.0	28.9	30.0	29.3	29.2	1200
1400	30.5	28.3	28.5	30.5	29.1	29.0	30.8	29.3	29.1	1400
1600	31.1	28.4	28.4	31.0	29.1	28.9	31.3	29.3	29.1	1600
1800	31.1	28.5	28.3	31.0	29.1	28.8	31.3	29.3	29.0	1800
2000	30.7	28.6	28.2	30.7	29.1	28.7	31.0	29.3	28.9	2000
2200	30.4	28.7	28.2	30.3	29.1	28.7	30.6	29.4	28.9	2200
2400	30.0	28.8	28.3	29.8	29.1	28.7	30.3	29.5	29.0	2400
MINIMUM	27.2	27.9	27.9	28.8	28.8	28.3	28.8	29.1	28.7	
MAXIMUM	31.1	28.8	28.5	31.0	29.1	29.0	31.3	29.5	29.2	
MEAN	29.2	28.3	28.2	29.9	29.0	28.7	30.1	29.3	28.9	
MEDIAN	30.0	28.3	28.3	30.0	29.1	28.7	30.3	29.3	29.0	
RANGE	3.9	.9	.6	2.2	.3	.7	2.5	.4	.5	
R.S.D.	5.1	1.1	.7	2.6	.4	.7	3.0	.4	.5	

KILOMETER 18 STATION BRAZIL

TIME	23 NOV 1968			24 NOV 1968			25 NOV 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	30.0	29.5	29.0	26.0	27.3	28.0	27.7	27.8	27.9	200
400	26.5	28.5	29.0	26.0	27.2	27.9	27.5	27.8	27.9	400
600	25.4	27.8	28.9	25.9	27.1	27.8	27.1	27.8	27.9	600
800	25.3	27.6	28.7	26.0	27.2	27.8	27.1	27.9	28.1	800
1000	25.4	27.5	28.5	26.5	27.3	27.9	27.5	28.0	28.2	1000
1200	25.6	27.5	28.5	27.3	27.4	28.0	28.6	28.0	28.3	1200
1400	26.0	27.5	28.5	28.3	27.5	28.1	29.9	28.1	28.3	1400
1600	26.4	27.5	28.4	28.9	27.6	28.1	30.5	28.2	28.3	1600
1800	26.5	27.4	28.3	28.9	27.7	28.0	30.4	28.2	28.1	1800
2000	26.4	27.4	28.1	28.5	27.7	27.9	30.0	28.3	28.1	2000
2200	26.3	27.3	28.0	28.3	27.8	27.8	29.5	28.4	28.1	2200
2400	26.1	27.3	28.0	28.0	27.8	27.8	29.3	28.5	28.1	2400
MINIMUM	25.3	27.3	28.0	25.9	27.1	27.8	27.1	27.8	27.9	
MAXIMUM	30.0	29.5	29.0	28.9	27.8	28.1	30.5	28.5	28.3	
MEAN	26.3	27.7	28.5	27.4	27.5	27.9	28.8	28.1	28.1	
MEDIAN	26.3	27.5	28.5	28.0	27.5	27.9	29.3	28.1	28.1	
RANGE	4.7	2.2	1.0	3.0	.7	.3	3.4	.7	.4	
R.S.D.	4.5	2.2	1.2	4.3	.9	.4	4.4	.8	.5	

KILOMETER 18 STATION BRAZIL

TIME	23 NOV 1968			24 NOV 1968			25 NOV 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	30.0	29.5	29.0	26.0	27.3	28.0	27.7	27.8	27.9	200
400	26.5	28.5	29.0	26.0	27.2	27.9	27.5	27.8	27.9	400
600	25.4	27.8	28.9	25.9	27.1	27.8	27.1	27.8	27.9	600
800	25.3	27.6	28.7	26.0	27.2	27.8	27.1	27.9	28.1	800
1000	25.4	27.5	28.5	26.5	27.3	27.9	27.5	28.0	28.2	1000
1200	25.6	27.5	28.5	27.3	27.4	28.0	28.6	28.0	28.3	1200
1400	26.0	27.5	28.5	28.3	27.5	28.1	29.9	28.1	28.3	1400
1600	26.4	27.5	28.4	28.9	27.6	28.1	30.5	28.2	28.3	1600
1800	26.5	27.4	28.3	28.9	27.7	28.0	30.4	28.2	28.1	1800
2000	26.4	27.4	28.1	28.5	27.7	27.9	30.0	28.3	28.1	2000
2200	26.3	27.3	28.0	28.3	27.8	27.8	29.5	28.4	28.1	2200
2400	26.1	27.3	28.0	28.0	27.8	27.8	29.3	28.5	28.1	2400
MINIMUM	25.3	27.3	28.0	25.9	27.1	27.8	27.1	27.8	27.9	
MAXIMUM	30.0	29.5	29.0	28.9	27.8	28.1	30.5	28.5	28.3	
MEAN	26.3	27.7	28.5	27.4	27.5	27.9	28.8	28.1	28.1	
MEDIAN	26.3	27.5	28.5	28.0	27.5	27.9	29.3	28.1	28.1	
RANGE	4.7	2.2	1.0	3.0	.7	.3	3.4	.7	.4	
R.S.D.	4.5	2.2	1.2	4.3	.9	.4	4.4	.8	.5	

KILOMETER 18 STATION BRAZIL

26 NOV 1968

27 NOV 1968

28 NOV 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	28.8	28.5	28.1	28.5	28.6	28.5	25.5	27.6	28.1	200
400	28.4	28.5	28.2	28.0	28.5	28.4	24.8	26.9	27.9	400
600	28.1	28.5	28.3	27.7	28.5	28.4	24.6	26.6	27.7	600
800	28.0	28.5	28.4	27.7	28.6	28.5	24.6	26.5	27.6	800
1000	28.5	28.6	28.5	28.0	28.6	28.6	25.0	26.5	27.6	1000
1200	29.3	28.7	28.7	28.5	28.5	28.6	25.4	26.5	27.5	1200
1400	30.0	28.6	28.5	29.5	28.6	28.7	25.6	26.5	27.4	1400
1600	30.2	28.7	28.5	29.9	28.6	28.6	25.8	26.5	27.3	1600
1800	30.1	28.7	28.5	29.9	28.6	28.5	25.8	26.5	27.2	1800
2000	29.7	28.7	28.5	29.5	28.5	28.5	25.8	26.5	27.1	2000
2200	29.3	28.7	28.5	29.1	28.5	28.5	25.6	26.5	27.0	2200
2400	28.9	28.7	28.5	27.7	28.4	28.5	25.5	26.5	27.0	2400
MINIMUM	28.0	28.5	28.1	27.7	28.4	28.4	24.6	26.5	27.0	
MAXIMUM	30.2	28.7	28.7	29.9	28.6	28.7	25.8	27.6	28.1	
MEAN	29.1	28.6	28.4	28.7	28.5	28.5	25.3	26.6	27.4	
MEDIAN	29.3	28.7	28.5	28.5	28.6	28.5	25.5	26.5	27.5	
RANGE	2.2	.2	.6	2.2	.2	.3	1.2	1.1	1.1	
R.S.D.	2.6	.3	.5	2.9	.2	.3	1.7	1.2	1.2	

KILOMETER 18 STATION BRAZIL

29 NOV 1968				30 NOV 1968			1 DEC 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	25.3	26.5	27.0	26.5	26.9	27.0	26.8	27.0	27.2	200
400	25.1	26.4	27.0	26.4	26.9	27.0	26.5	26.9	27.2	400
600	25.0	26.4	27.0	26.1	26.8	27.0	26.3	26.8	27.2	600
800	25.0	26.4	27.0	26.1	26.9	27.1	26.3	26.8	27.3	800
1000	25.5	26.5	27.0	26.5	27.0	27.3	26.4	26.9	27.5	1000
1200	26.3	26.5	27.1	27.7	27.0	27.4	27.4	27.0	27.5	1200
1400	27.0	26.6	27.2	27.9	27.1	27.5	27.6	27.1	27.4	1400
1600	27.5	26.6	27.2	28.5	27.3	27.5	27.5	27.0	27.3	1600
1800	27.6	26.7	27.0	28.5	27.2	27.4	27.3	27.0	27.1	1800
2000	27.5	26.8	27.0	28.0	27.3	27.2	27.0	27.0	27.0	2000
2200	27.2	26.9	27.0	27.5	27.4	27.2	26.5	27.1	27.1	2200
2400	26.8	26.9	27.0	27.3	27.4	27.3	26.3	27.1	27.1	2400
MINIMUM	25.0	26.4	27.0	26.1	26.8	27.0	26.3	26.8	27.0	
MAXIMUM	27.6	26.9	27.2	28.5	27.4	27.5	27.6	27.1	27.5	
MEAN	26.3	26.6	27.0	27.2	27.1	27.2	26.8	27.0	27.2	
MEDIAN	26.8	26.6	27.0	27.5	27.1	27.3	26.5	27.0	27.2	
RANGE	2.6	.5	.2	2.4	.6	.5	1.3	.3	.5	
R.S.D.	3.9	.7	.3	3.2	.8	.7	1.8	.4	.6	

KILOMETER 18 STATION BRAZIL

3 DEC 1968				4 DEC 1968			5 DEC 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	26.5	27.0	27.1	25.5	26.4	26.7	27.5	27.1	27.0	200
400	26.2	27.0	27.1	25.4	26.4	26.7	27.1	27.1	27.0	400
600	26.0	26.9	27.1	25.3	26.3	26.7	26.8	27.1	27.0	600
800	25.3	26.8	27.0	25.5	26.4	26.8	26.8	27.2	27.3	800
1000	25.2	26.7	27.0	26.0	26.5	27.0	27.2	27.3	27.5	1000
1200	25.5	26.6	27.1	27.0	26.6	27.1	28.0	27.5	27.6	1200
1400	25.8	26.5	27.0	28.0	26.7	27.1	29.0	27.5	27.6	1400
1600	26.0	26.5	27.0	28.9	26.8	27.1	29.5	27.6	27.6	1600
1800	26.1	26.5	27.0	28.9	27.0	27.0	29.8	27.6	27.5	1800
2000	26.0	26.5	26.9	28.7	27.0	26.9	29.5	27.6	27.4	2000
2200	25.9	26.4	26.8	28.3	27.1	27.0	29.0	27.7	27.4	2200
2400	25.7	26.4	26.8	28.0	27.1	27.0	28.7	27.8	27.4	2400
MINIMUM	25.2	26.4	26.8	25.3	26.3	26.7	26.8	27.1	27.0	
MAXIMUM	26.5	27.0	27.1	28.9	27.1	27.1	29.8	27.8	27.6	
MEAN	25.8	26.6	27.0	27.1	26.7	26.9	28.2	27.4	27.4	
MEDIAN	26.0	26.6	27.0	28.0	26.7	27.0	28.7	27.5	27.4	
RANGE	1.3	.6	.3	3.6	.8	.4	3.0	.7	.6	
R.S.D.	1.4	.8	.4	5.3	1.1	.6	3.8	.9	.8	

KILOMETER 18 STATION BRAZIL

	6 DEC 1968			7 DEC 1968			8 DEC 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	28.3	27.8	27.5	29.5	28.6	28.0	26.8	27.8	28.0	200
400	28.0	27.8	27.5	29.0	28.5	28.0	26.6	27.7	27.9	400
600	27.5	27.7	27.5	28.6	28.5	28.0	26.4	27.6	27.8	600
800	27.5	27.9	27.6	28.3	28.5	28.1	26.5	27.6	27.9	800
1000	28.0	28.1	28.0	28.1	28.5	28.2	27.0	27.7	28.0	1000
1200	29.0	28.1	28.1	28.0	28.4	28.3	28.0	27.8	28.1	1200
1400	30.0	28.2	28.1	28.1	28.4	28.3	28.9	27.8	28.1	1400
1600	30.9	28.3	28.1	28.3	28.3	28.3	29.4	28.0	28.1	1600
1800	31.0	28.3	28.0	28.3	28.2	28.2	29.5	27.9	28.0	1800
2000	30.8	28.4	27.9	27.9	28.1	28.1	29.3	28.0	27.9	2000
2200	30.5	28.5	27.9	27.5	28.0	28.0	28.8	28.0	27.8	2200
2400	30.0	28.6	28.0	27.1	27.9	28.0	28.5	28.0	27.8	2400
MINIMUM	27.5	27.7	27.5	27.1	27.9	28.0	26.4	27.6	27.8	
MAXIMUM	31.0	28.6	28.1	29.5	28.6	28.3	29.5	28.0	28.1	
MEAN	29.3	28.1	27.8	28.2	28.3	28.1	28.0	27.8	27.9	
MEDIAN	30.0	28.2	28.0	28.3	28.4	28.1	28.5	27.8	28.0	
RANGE	3.5	.9	.6	2.4	.7	.3	3.1	.4	.3	
R.S.D.	4.5	1.0	.9	2.1	.8	.4	4.2	.5	.4	

KILOMETER 18 STATION BRAZIL

9 DEC 1968

10 DEC 1968

11 DEC 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	28.0	28.0	27.8	27.1	27.8	27.9	27.3	27.8	27.8	200
400	27.6	28.0	27.9	26.9	27.7	27.9	27.0	27.7	27.8	400
600	27.4	28.0	27.9	26.6	27.6	27.9	26.8	27.6	27.8	600
800	27.4	28.0	28.0	26.8	27.8	28.0	26.9	27.6	27.9	800
1000	27.7	28.0	28.1	27.3	27.9	28.1	27.3	27.8	28.0	1000
1200	28.5	28.1	28.2	28.0	27.8	28.1	28.0	27.8	28.0	1200
1400	28.9	28.1	28.2	28.4	27.7	28.0	28.8	27.9	28.0	1400
1600	28.9	28.0	28.0	28.5	27.8	27.9	29.3	28.0	28.0	1600
1800	28.5	28.0	28.0	28.5	27.8	27.8	29.3	28.0	27.9	1800
2000	28.0	28.0	28.0	27.7	27.8	27.8	29.0	28.0	27.8	2000
2200	27.8	28.0	28.0	27.4	27.8	27.8	28.5	28.0	27.8	2200
2400	27.5	27.9	28.0	27.0	27.8	27.8	28.1	28.0	27.8	2400

MINIMUM 27.4 27.9 27.8 26.6 27.6 27.8 26.8 27.6 27.8

MAXIMUM 28.9 28.1 28.2 28.5 27.9 28.1 29.3 28.0 28.0

MEAN 28.0 28.0 28.0 27.5 27.8 27.9 28.0 27.8 27.9

MEDIAN 28.0 28.0 28.0 27.4 27.8 27.9 28.1 27.9 27.9

RANGE 1.5 .2 .4 1.9 .3 .3 2.5 .4 .2

R.S.D. 1.9 .2 .4 2.4 .3 .4 3.2 .5 .3

KILOMETER 18 STATION BRAZIL

12 DEC 1968				13 DEC 1968			14 DEC 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.8	28.0	27.8	28.6	28.4	28.0	29.0	28.8	28.3	200
400	27.5	27.9	27.8	28.3	28.3	28.1	28.8	28.7	28.3	400
600	27.1	27.8	27.8	27.9	28.2	28.2	28.5	28.7	28.4	600
800	27.3	28.0	28.0	28.0	28.4	28.4	28.5	28.8	28.5	800
1000	27.5	28.0	28.2	28.4	28.5	28.6	28.9	28.9	28.8	1000
1200	28.5	28.1	28.3	29.0	28.5	28.7	29.5	29.0	28.8	1200
1400	29.5	28.2	28.3	30.0	28.6	28.7	30.3	29.0	28.7	1400
1600	30.1	28.2	28.3	30.5	28.6	28.5	30.7	28.9	28.7	1600
1800	30.3	28.3	28.1	30.6	28.7	28.4	30.7	28.9	28.6	1800
2000	30.0	28.3	28.0	30.3	28.7	28.3	30.5	29.0	28.5	2000
2200	29.5	28.4	28.0	30.0	28.8	28.3	30.0	29.0	28.5	2200
2400	29.1	28.4	28.0	29.5	28.8	28.3	29.8	29.0	28.6	2400
MINIMUM	27.1	27.8	27.8	27.9	28.2	28.0	28.5	28.7	28.3	
MAXIMUM	30.3	28.4	28.3	30.6	28.8	28.7	30.7	29.0	28.8	
MEAN	28.7	28.1	28.0	29.3	28.5	28.4	29.6	28.9	28.6	
MEDIAN	29.1	28.2	28.0	29.5	28.6	28.4	29.8	28.9	28.6	
RANGE	3.2	.6	.5	2.7	.6	.7	2.2	.3	.5	
R.S.D.	4.0	.7	.7	3.3	.6	.7	2.7	.4	.6	

KILOMETER 18 STATION BRAZIL

	15 DEC 1968			16 DEC 1968			17 DEC 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	29.4	29.0	28.6	30.0	29.5	28.9	29.5	29.5	29.0	200
400	29.0	29.0	28.6	29.6	29.4	28.9	29.3	29.4	28.9	400
600	28.8	29.0	28.7	29.4	29.4	29.0	28.8	29.3	28.9	600
800	28.9	29.1	28.8	29.3	29.5	29.1	28.8	29.4	29.0	800
1000	29.3	29.2	29.0	29.5	29.6	29.1	29.0	29.5	29.2	1000
1200	30.0	29.3	29.0	30.0	29.6	29.2	29.7	29.5	29.3	1200
1400	31.0	29.3	29.0	31.0	29.6	29.2	30.5	29.5	29.3	1400
1600	31.5	29.3	29.0	31.2	29.5	29.1	31.1	29.5	29.2	1600
1800	31.5	29.3	28.9	31.0	29.5	29.0	31.2	29.5	29.1	1800
2000	31.3	29.4	28.8	30.7	29.5	28.9	31.0	29.5	29.0	2000
2200	30.8	29.4	28.8	30.3	29.5	28.9	30.5	29.5	29.0	2200
2400	30.5	29.5	28.9	30.0	29.5	29.0	30.1	29.5	29.0	2400
MINIMUM	28.8	29.0	28.6	29.3	29.4	28.9	28.8	29.3	28.9	
MAXIMUM	31.5	29.5	29.0	31.2	29.6	29.2	31.2	29.5	29.3	
MEAN	30.2	29.2	28.8	30.2	29.5	29.0	30.0	29.5	29.1	
MEDIAN	30.5	29.3	28.9	30.0	29.5	29.0	30.1	29.5	29.0	
RANGE	2.7	.5	.4	1.9	.2	.3	2.4	.2	.4	
R.S.D.	3.3	.6	.5	2.1	.2	.4	2.9	.2	.5	

KILOMETER 18 STATION BRAZIL

18 DEC 1968

19 DEC 1968

20 DEC 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	18 DEC 1968			19 DEC 1968			20 DEC 1968			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.8	29.5	29.0	29.0	29.3	29.0	29.1	29.3	28.9	200
400	29.5	29.5	29.0	28.5	29.2	29.0	28.8	29.2	28.9	400
600	29.3	29.4	29.0	28.1	29.0	28.9	28.3	29.1	28.9	600
800	29.0	29.5	29.2	28.0	29.1	29.0	28.3	29.2	29.0	800
1000	29.5	29.6	29.4	28.5	29.2	29.2	28.5	29.3	29.2	1000
1200	30.0	29.5	29.3	29.0	29.2	29.3	29.2	29.3	29.3	1200
1400	30.5	29.6	29.3	30.0	29.3	29.3	30.2	29.3	29.3	1400
1600	30.7	29.5	29.2	30.7	29.3	29.2	31.0	29.3	29.2	1600
1800	30.5	29.5	29.1	30.9	29.3	29.1	31.0	29.3	29.1	1800
2000	30.1	29.5	29.0	30.5	29.3	29.0	30.9	29.3	29.0	2000
2200	29.7	29.5	29.0	30.0	29.3	28.9	30.5	29.4	29.0	2200
2400	29.3	29.4	29.0	29.5	29.3	28.9	30.0	29.5	29.0	2400
MINIMUM	29.0	29.4	29.0	28.0	29.0	28.9	28.3	29.1	28.9	
MAXIMUM	30.7	29.6	29.4	30.9	29.3	29.3	31.0	29.5	29.3	
MEAN	29.6	29.5	29.1	29.4	29.2	29.1	29.6	29.3	29.1	
MEDIAN	29.8	29.5	29.1	29.5	29.3	29.0	30.0	29.3	29.0	
RANGE	1.7	.2	.4	2.9	.3	.4	2.7	.4	.4	
R.S.D.	1.7	.2	.5	3.3	.3	.5	3.4	.3	.5	

KILOMETER 18 STATION BRAZIL

21 DEC 1968

22 DEC 1968

23 DEC 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	29.5	29.4	29.0	28.4	29.0	28.9	28.4	28.7	28.5	200
400	29.3	29.4	29.0	28.0	28.9	28.8	28.0	28.6	28.5	400
600	29.0	29.3	29.0	27.9	28.8	28.7	28.0	28.5	28.5	600
800	28.7	29.3	29.0	27.9	28.8	28.8	27.9	28.5	28.6	800
1000	29.0	29.4	29.2	28.0	28.8	28.9	28.0	28.7	28.7	1000
1200	29.3	29.3	29.3	28.5	28.8	29.0	28.5	28.8	28.8	1200
1400	29.5	29.3	29.3	29.0	28.9	29.0	29.0	28.7	28.8	1400
1600	29.9	29.3	29.2	29.4	28.8	28.9	29.2	28.7	28.8	1600
1800	29.5	29.2	29.0	29.5	28.8	28.8	29.3	28.7	28.7	1800
2000	29.3	29.1	29.0	29.3	28.7	28.7	29.0	28.6	28.6	2000
2200	29.0	29.1	29.0	29.0	28.7	28.6	28.8	28.6	28.5	2200
2400	28.5	29.0	29.0	28.5	28.7	28.6	28.5	28.6	28.5	2400

MINIMUM	28.5	29.0	29.0	27.9	28.7	28.6	27.9	28.5	28.5
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MAXIMUM	29.9	29.4	29.3	29.5	29.0	29.0	29.3	28.8	28.8
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MEAN	29.2	29.3	29.1	28.6	28.8	28.8	28.5	28.6	28.6
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MEDIAN	29.3	29.3	29.0	28.5	28.8	28.8	28.5	28.7	28.6
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RANGE	1.4	.4	.3	1.6	.3	.4	1.4	.3	.3
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R.S.D.	1.3	.4	.4	2.0	.3	.5	1.7	.3	.4
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KILOMETER 18 STATION BRAZIL

24 DEC 1968

25 DEC 1968

26 DEC 1968

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME
200	28.4	28.5	28.5	28.3	28.5	28.5	26.9	27.9	28.1	200
400	28.1	28.5	28.5	28.0	28.5	28.5	26.7	27.8	28.0	400
600	28.0	28.5	28.5	27.7	28.5	28.5	26.5	27.7	28.0	600
800	27.9	28.4	28.5	27.5	28.4	28.5	26.5	27.6	28.0	800
1000	28.0	28.5	28.7	27.5	28.4	28.5	27.0	27.7	28.1	1000
1200	28.5	28.5	28.7	28.0	28.5	28.6	27.5	27.8	28.2	1200
1400	29.0	28.6	28.7	28.3	28.4	28.6	28.3	27.9	28.3	1400
1600	29.5	28.6	28.7	28.0	28.2	28.4	28.8	27.8	28.1	1600
1800	29.5	28.6	28.6	27.7	28.1	28.3	28.7	27.8	28.0	1800
2000	29.3	28.5	28.5	27.5	28.0	28.2	28.5	27.9	28.0	2000
2200	29.0	28.5	28.5	27.3	28.0	28.2	28.1	28.0	28.0	2200
2400	28.6	28.5	28.5	27.0	28.0	28.2	27.9	28.0	28.0	2400
MINIMUM	27.9	28.4	28.5	27.0	28.0	28.2	26.5	27.6	28.0	
MAXIMUM	29.5	28.6	28.7	28.3	28.5	28.6	28.8	28.0	28.3	
MEAN	28.6	28.5	28.6	27.7	28.3	28.4	27.6	27.8	28.1	
MEDIAN	28.6	28.5	28.5	27.7	28.4	28.5	27.9	27.8	28.0	
RANGE	1.6	.2	.2	1.3	.5	.4	2.3	.4	.3	
R.S.D.	2.0	.2	.3	1.4	.7	.5	3.0	.4	.3	

KILOMETER 18 STATION BRAZIL

27 DEC 1968				28 DEC 1968			29 DEC 1968			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.6	28.0	28.0	28.0	28.0	28.0	28.0	28.2	28.1	200
400	27.4	27.9	28.0	27.6	28.0	28.0	27.8	28.2	28.1	400
600	27.2	27.8	28.0	27.4	28.0	28.0	27.5	28.1	28.2	600
800	27.0	27.9	28.0	27.4	28.0	28.1	27.5	28.2	28.3	800
1000	27.8	28.0	28.2	27.5	28.1	28.3	27.8	28.3	28.4	1000
1200	28.0	28.0	28.3	28.0	28.2	28.4	28.2	28.2	28.3	1200
1400	28.5	28.0	28.3	28.7	28.2	28.4	28.5	28.3	28.4	1400
1600	29.0	28.0	28.3	29.2	28.2	28.4	29.0	28.4	28.4	1600
1800	29.3	28.1	28.3	29.3	28.3	28.3	28.9	28.1	28.2	1800
2000	29.0	28.0	28.1	29.0	28.2	28.2	28.6	28.1	28.1	2000
2200	28.7	28.1	28.0	28.6	28.2	28.1	28.3	28.2	28.1	2200
2400	28.3	28.1	28.0	28.3	28.2	28.1	28.0	28.2	28.1	2400
MINIMUM	27.0	27.8	28.0	27.4	28.0	28.0	27.5	28.1	28.1	
MAXIMUM	29.3	28.1	28.3	29.3	28.3	28.4	29.0	28.4	28.4	
MEAN	28.1	28.0	28.1	28.2	28.1	28.2	28.2	28.2	28.2	
MEDIAN	28.3	28.0	28.1	28.3	28.2	28.2	28.2	28.2	28.2	
RANGE	2.3	.3	.3	1.9	.3	.4	1.5	.3	.3	
R.S.D.	2.6	.3	.5	2.4	.4	.6	1.7	.3	.4	

KILOMETER 18 STATION BRAZIL

TIME	30 DEC 1968			31 DEC 1968			1 JAN 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	27.7	28.1	28.1	28.8	28.4	28.2	27.7	28.2	28.2	200
400	27.5	28.1	28.1	28.0	28.3	28.2	27.5	28.1	28.1	400
600	27.3	28.1	28.1	27.8	28.3	28.2	27.4	28.1	28.1	600
800	27.4	28.1	28.2	27.8	28.4	28.3	27.5	28.0	28.1	800
1000	27.8	28.2	28.3	28.0	28.5	28.4	27.5	28.0	28.2	1000
1200	29.0	28.2	28.4	28.5	28.5	28.5	27.9	28.0	28.2	1200
1400	29.3	28.3	28.4	29.0	28.4	28.4	28.3	28.1	28.7	1400
1600	29.7	28.3	28.4	29.0	28.3	28.2	28.6	28.1	28.2	1600
1800	29.7	28.3	28.3	28.8	28.2	28.1	28.5	28.0	28.1	1800
2000	29.3	28.3	28.2	28.5	28.3	28.1	28.3	28.0	28.0	2000
2200	29.0	28.4	28.2	28.3	28.3	28.1	28.0	28.0	28.0	2200
2400	28.8	28.4	28.2	28.0	28.3	28.1	27.5	28.0	28.0	2400
MINIMUM	27.3	28.1	28.1	27.8	28.3	28.1	27.3	28.0	28.0	
MAXIMUM	29.7	28.4	28.4	29.0	28.5	28.5	28.6	28.2	28.2	
MEAN	28.5	28.2	28.2	28.4	28.4	28.2	27.9	28.0	28.1	
MEDIAN	29.0	28.3	28.2	28.5	28.3	28.2	27.9	28.0	28.1	
RANGE	2.4	.3	.3	1.2	.2	.4	1.3	.2	.2	
R.S.D.	3.1	.4	.4	1.5	.3	.5	1.6	.2	.3	

KILOMETER 18 STATION BRAZIL

2 JAN 1969

3 JAN 1969

4 JAN 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	27.3	27.9	28.0	27.5	27.9	27.9	26.1	27.2	27.5	200
400	27.0	27.9	28.0	27.3	27.9	27.9	26.0	27.1	27.5	400
600	26.8	27.8	28.0	27.1	27.8	27.9	25.9	27.0	27.5	600
800	26.9	27.9	28.0	27.0	27.8	27.9	26.0	27.0	27.5	800
1000	27.3	27.9	28.1	27.0	27.8	28.0	26.4	27.1	27.5	1000
1200	27.8	27.9	28.2	27.5	27.8	28.0	27.0	27.2	27.6	1200
1400	28.5	27.9	28.2	27.5	27.6	27.8	27.5	27.3	27.6	1400
1600	28.7	27.9	28.0	27.2	27.5	27.7	28.0	27.3	27.6	1600
1800	28.6	27.8	27.9	26.9	27.5	27.6	28.1	27.3	27.5	1800
2000	28.4	27.9	27.8	26.7	27.4	27.6	27.9	27.3	27.4	2000
2200	28.0	27.9	27.8	26.5	27.4	27.6	27.6	27.4	27.4	2200
2400	27.8	27.9	27.9	26.3	27.3	27.6	27.4	27.4	27.5	2400

MINIMUM 26.8 27.8 27.8 26.3 27.3 27.6 25.9 27.0 27.4

MAXIMUM 28.7 27.9 28.2 27.5 27.9 28.0 28.1 27.4 27.6

MEAN 27.8 27.9 28.0 27.0 27.6 27.8 27.0 27.2 27.5

MEDIAN 27.8 27.9 28.0 27.1 27.8 27.9 27.4 27.3 27.5

RANGE 1.9 .1 .4 1.2 .6 .4 2.2 .4 .2

R.S.D. 2.4 .1 .4 1.4 .7 .6 3.1 .5 .2

KILOMETER 18 STATION BRAZIL

TIME	5 JAN 1969			6 JAN 1969			7 JAN 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	27.3	27.4	27.5	27.5	27.7	27.6	27.3	27.6	27.6	200
400	27.0	27.4	27.5	27.3	27.6	27.6	27.1	27.5	27.6	400
600	26.9	27.4	27.5	27.1	27.6	27.6	26.9	27.5	27.6	600
800	27.0	27.4	27.6	27.2	27.6	27.6	26.9	27.6	27.7	800
1000	27.3	27.5	27.7	27.3	27.7	27.8	27.2	27.7	27.9	1000
1200	27.8	27.6	27.8	27.5	27.6	27.7	27.9	27.7	27.9	1200
1400	28.3	27.6	27.8	27.7	27.6	27.7	28.4	27.6	27.8	1400
1600	28.6	27.6	27.7	28.5	27.7	27.8	28.6	27.6	27.7	1600
1800	28.5	27.6	27.6	28.8	27.7	27.8	28.8	27.7	27.7	1800
2000	28.3	27.6	27.6	28.6	27.6	27.7	28.5	27.7	27.6	2000
2200	28.0	27.7	27.6	28.3	27.6	27.6	28.3	27.7	27.6	2200
2400	27.8	27.7	27.6	28.0	27.6	27.6	28.0	27.7	27.6	2400
MINIMUM	26.9	27.4	27.5	27.1	27.6	27.6	26.9	27.5	27.6	
MAXIMUM	28.6	27.7	27.8	28.8	27.7	27.8	28.8	27.7	27.9	
MEAN	27.7	27.5	27.6	27.8	27.6	27.7	27.8	27.6	27.7	
MEDIAN	27.8	27.6	27.6	27.7	27.6	27.7	28.0	27.7	27.7	
RANGE	1.7	.3	.3	1.7	.1	.2	1.9	.2	.3	
R.S.D.	2.1	.4	.4	2.1	.2	.3	2.4	.3	.4	

KILOMETER 18 STATION BRAZIL

TIME	8 JAN 1969			9 JAN 1969			10 JAN 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	27.7	27.7	27.6	27.9	27.9	27.7	27.4	27.7	27.7	200
400	27.5	27.7	27.6	27.6	27.9	27.7	27.2	27.6	27.7	400
600	27.2	27.6	27.6	27.4	27.8	27.7	27.0	27.6	27.7	600
800	27.1	27.7	27.7	27.3	27.8	27.8	27.0	27.6	27.8	800
1000	27.4	27.8	27.9	27.4	27.9	27.9	27.3	27.7	27.9	1000
1200	27.9	27.8	27.9	27.9	27.9	28.0	27.5	27.7	27.9	1200
1400	28.5	27.8	28.0	28.3	27.9	28.0	28.0	27.7	27.9	1400
1600	28.8	27.8	27.9	28.5	27.8	27.9	28.5	27.8	27.9	1600
1800	28.9	27.8	27.8	28.4	27.8	27.8	28.8	27.8	27.8	1800
2000	28.6	27.8	27.7	28.3	27.8	27.8	28.6	27.7	27.7	2000
2200	28.4	27.9	27.7	28.0	27.8	27.8	28.3	27.7	27.6	2200
2400	28.0	27.9	27.7	27.5	27.8	27.8	28.0	27.7	27.6	2400
MINIMUM	27.1	27.6	27.6	27.3	27.8	27.7	27.0	27.6	27.6	
MAXIMUM	28.9	27.9	28.0	28.5	27.9	28.0	28.8	27.8	27.9	
MEAN	28.0	27.8	27.8	27.9	27.8	27.8	27.8	27.7	27.8	
MEDIAN	28.0	27.8	27.7	27.9	27.8	27.8	28.0	27.7	27.8	
RANGE	1.8	.3	.4	1.2	.1	.3	1.8	.2	.3	
R.S.D.	2.2	.3	.5	1.5	.2	.4	2.2	.2	.4	

KILOMETER 18 STATION BRAZIL

11 JAN 1969

12 JAN 1969

13 JAN 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	11 JAN 1969			12 JAN 1969			13 JAN 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	27.6	27.7	27.6	27.6	27.9	27.8	28.0	28.0	27.8	200
400	27.4	27.7	27.6	27.4	27.9	27.8	27.6	28.0	27.8	400
600	27.1	27.7	27.6	27.1	27.8	27.8	27.3	28.0	27.8	600
800	27.1	27.6	27.7	27.0	27.9	27.9	27.5	28.1	28.0	800
1000	27.3	27.8	27.9	27.3	28.0	28.1	27.8	28.2	28.3	1000
1200	28.0	27.9	28.0	28.0	28.0	28.2	28.8	28.3	28.3	1200
1400	28.7	27.9	28.0	28.9	28.1	28.3	29.8	28.4	28.4	1400
1600	29.0	27.8	27.9	29.4	28.1	28.0	30.5	28.4	28.3	1600
1800	29.0	27.8	27.8	29.5	28.0	27.9	30.6	28.4	28.2	1800
2000	28.8	27.9	27.8	29.2	28.0	27.8	30.4	28.5	28.1	2000
2200	28.5	28.0	27.8	28.8	28.0	27.8	30.0	28.5	28.0	2200
2400	28.0	28.0	27.8	28.3	28.0	27.8	29.7	28.5	28.0	2400
MINIMUM	27.1	27.6	27.6	27.0	27.8	27.8	27.3	28.0	27.8	
MAXIMUM	29.0	28.0	28.0	29.5	28.1	28.3	30.6	28.5	28.4	
MEAN	28.0	27.8	27.8	28.2	28.0	27.9	29.0	28.3	28.1	
MEDIAN	28.0	27.8	27.8	28.3	28.0	27.9	29.7	28.4	28.1	
RANGE	1.9	.4	.4	2.5	.3	.5	3.3	.5	.6	
R.S.D.	2.5	.4	.5	3.2	.3	.6	4.3	.7	.7	

KILOMETER 18 STATION BRAZIL

14 JAN 1969				15 JAN 1969			16 JAN 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	29.3	28.5	28.0	29.4	29.0	28.5	27.6	28.3	28.2	200
400	28.8	28.5	28.1	29.0	28.9	28.5	27.4	28.2	28.2	400
600	28.5	28.5	28.1	28.6	28.8	28.5	27.2	28.1	28.2	600
800	28.5	28.7	28.3	28.5	28.8	28.5	27.2	28.0	28.2	800
1000	28.8	28.8	28.5	28.6	28.9	28.6	27.5	28.1	28.3	1000
1200	29.5	28.9	28.6	29.0	28.9	28.7	28.3	28.3	28.5	1200
1400	30.5	28.9	28.7	29.2	28.7	28.6	28.5	28.1	28.3	1400
1600	30.9	29.0	28.6	29.0	28.6	28.5	28.3	28.0	28.1	1600
1800	31.0	28.9	28.5	28.7	28.5	28.5	28.0	28.0	28.0	1800
2000	30.8	29.0	28.5	28.4	28.5	28.4	27.7	28.0	28.0	2000
2200	30.5	29.0	28.5	28.1	28.5	28.3	27.5	28.0	28.0	2200
2400	30.0	29.0	28.5	27.9	28.4	28.3	27.3	27.9	28.0	2400
MINIMUM	28.5	28.5	28.0	27.9	28.4	28.3	27.2	27.9	28.0	
MAXIMUM	31.0	29.0	28.7	29.4	29.0	28.7	28.5	28.3	28.5	
MEAN	29.8	28.8	28.4	28.7	28.7	28.5	27.7	28.1	28.2	
MEDIAN	30.0	28.9	28.5	28.7	28.8	28.5	27.6	28.1	28.2	
RANGE	2.5	.5	.7	1.5	.6	.4	1.3	.4	.5	
R.S.D.	3.1	.7	.8	1.5	.7	.4	1.6	.4	.5	

KILOMETER 16 STATION BRAZIL

17 JAN 1969				18 JAN 1969			19 JAN 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.1	27.8	28.0	28.0	28.0	27.9	28.3	28.2	28.0	200
400	27.0	27.7	28.0	27.7	28.0	28.0	28.0	28.1	28.0	400
600	26.7	27.6	27.9	27.5	28.0	28.0	27.8	28.1	28.0	600
800	26.7	27.6	27.9	27.4	27.9	28.0	27.7	28.1	28.1	800
1000	27.0	27.7	28.0	27.7	28.0	28.1	27.8	28.2	28.2	1000
1200	27.9	27.8	28.1	28.3	28.1	28.2	28.5	28.3	28.3	1200
1400	27.9	27.9	28.1	29.0	28.2	28.2	29.0	28.3	28.3	1400
1600	29.3	27.9	28.1	29.3	28.2	28.2	29.4	28.3	28.2	1600
1800	29.5	28.0	28.0	29.4	28.2	28.1	29.3	28.2	28.1	1800
2000	29.0	28.0	27.9	29.2	28.1	28.0	29.0	28.2	28.0	2000
2200	28.5	28.0	27.9	28.9	28.2	28.0	28.6	28.3	28.0	2200
2400	28.3	28.0	27.9	28.5	28.2	28.0	28.3	28.3	28.0	2400
MINIMUM	26.7	27.6	27.9	27.4	27.9	27.9	27.7	28.1	28.0	
MAXIMUM	29.5	28.0	28.1	29.4	28.2	28.2	29.4	28.3	28.3	
MEAN	27.9	27.8	28.0	28.4	28.1	28.1	28.5	28.2	28.1	
MEDIAN	27.9	27.9	28.0	28.5	28.1	28.0	28.5	28.2	28.1	
RANGE	2.8	.4	.2	2.0	.3	.3	1.7	.2	.3	
R.S.D.	3.5	.5	.3	2.5	.4	.3	2.0	.3	.4	

KILOMETER 18 STATION BRAZIL

20 JAN 1969				21 JAN 1969			22 JAN 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	28.0	28.2	28.0	27.5	28.0	28.0	27.3	27.8	27.9	200
400	27.6	28.1	28.0	27.4	28.0	28.0	27.0	27.7	27.9	400
600	27.4	28.1	28.0	27.1	28.0	28.0	26.8	27.6	27.8	600
800	27.5	28.2	28.3	27.0	28.0	28.0	26.9	27.8	28.0	800
1000	27.6	28.3	28.4	27.4	28.0	28.1	27.3	27.9	28.1	1000
1200	28.0	28.2	28.4	27.7	28.0	28.1	28.0	27.9	28.2	1200
1400	28.5	28.1	28.3	28.0	28.0	28.1	29.0	28.0	28.2	1400
1600	28.5	28.0	28.6	28.1	27.9	28.1	29.5	28.1	28.2	1600
1800	28.5	28.1	28.6	28.1	27.9	28.0	29.6	28.1	28.1	1800
2000	28.3	28.1	28.1	27.9	27.8	28.0	29.4	28.1	28.0	2000
2200	28.0	28.1	28.1	27.7	27.8	27.9	29.0	28.2	28.0	2200
2400	27.8	28.0	28.1	27.5	27.8	27.9	28.7	28.2	28.0	2400
MINIMUM	27.4	28.0	28.0	27.0	27.8	27.9	26.8	27.6	27.8	
MAXIMUM	28.5	28.3	28.6	28.1	28.0	28.1	29.6	28.2	28.2	
MEAN	28.0	28.1	28.2	27.6	27.9	28.0	28.2	27.9	28.0	
MEDIAN	28.0	28.1	28.3	27.7	28.0	28.0	28.7	28.0	28.0	
RANGE	1.1	.3	.6	1.1	.2	.2	2.8	.6	.4	
R.S.D.	1.4	.3	.8	1.3	.3	.2	3.7	.7	.4	

KILOMETER 18 STATION BRAZIL

TIME	23 JAN 1969			24 JAN 1969			25 JAN 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.3	28.2	28.0	28.2	28.6	28.4	27.4	28.0	28.0	200
400	28.0	28.1	28.0	27.9	28.5	28.4	27.1	27.9	28.0	400
600	27.7	28.1	28.0	27.6	28.4	28.4	26.9	27.8	28.0	600
800	27.7	28.2	28.1	27.5	28.3	28.4	27.0	27.9	28.0	800
1000	28.0	28.3	28.3	27.5	28.3	28.5	27.5	28.0	28.1	1000
1200	29.0	28.4	28.4	27.9	28.3	28.5	28.0	28.0	28.2	1200
1400	30.0	28.5	28.5	28.2	28.3	28.5	28.7	28.1	28.2	1400
1600	30.5	28.5	28.5	28.5	28.3	28.4	29.3	28.2	28.2	1600
1800	30.7	28.6	28.4	28.5	28.2	28.3	29.4	28.1	28.1	1800
2000	30.3	28.5	28.2	28.3	28.1	28.1	29.0	28.0	28.0	2000
2200	29.2	28.7	28.2	28.0	28.0	28.1	28.5	28.0	27.9	2200
2400	28.6	28.7	28.3	27.7	28.0	28.0	28.0	28.0	27.9	2400
MINIMUM	27.7	28.1	28.0	27.5	28.0	28.0	26.9	27.8	27.9	
MAXIMUM	30.7	28.7	28.5	28.5	28.6	28.5	29.4	28.2	28.2	
MEAN	29.0	28.4	28.2	28.0	28.3	28.3	28.1	28.0	28.0	
MEDIAN	29.0	28.5	28.3	28.0	28.3	28.4	28.0	28.0	28.0	
RANGE	3.0	.6	.5	1.0	.6	.5	2.5	.4	.3	
R.S.D.	3.7	.7	.6	1.2	.6	.6	3.1	.4	.4	

KILOMETER 18 STATION BRAZIL

	26 JAN 1969			27 JAN 1969			28 JAN 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.6	28.0	28.0	27.3	27.7	27.8	28.1	28.0	28.0	200
400	27.3	27.9	28.0	27.0	27.6	27.8	27.9	28.0	28.0	400
600	27.0	27.8	27.9	26.9	27.6	27.8	27.6	28.0	28.0	600
800	27.0	27.9	28.0	27.0	27.8	27.9	27.6	28.1	28.1	800
1000	27.3	28.0	28.1	27.2	27.9	28.0	28.0	28.2	28.2	1000
1200	27.5	27.9	28.1	28.0	28.0	28.1	29.0	28.3	28.3	1200
1400	27.9	27.9	28.0	28.8	28.0	28.2	29.8	28.3	28.3	1400
1600	28.2	28.0	28.1	29.1	28.0	28.1	30.4	28.4	28.3	1600
1800	28.3	27.9	28.0	29.2	28.1	28.0	30.4	28.4	28.2	1800
2000	28.0	27.8	27.9	29.0	28.0	28.0	30.1	28.4	28.1	2000
2200	27.8	27.8	27.8	28.6	28.0	28.0	29.6	28.5	28.1	2200
2400	27.5	27.8	27.8	28.3	28.0	28.0	29.3	28.5	28.1	2400
MINIMUM	27.0	27.8	27.8	26.9	27.6	27.8	27.6	28.0	28.0	
MAXIMUM	28.3	28.0	28.1	29.2	28.1	28.2	30.4	28.5	28.3	
MEAN	27.6	27.9	28.0	28.0	27.9	28.0	29.0	28.3	28.1	
MEDIAN	27.6	27.9	28.0	28.3	28.0	28.0	29.3	28.3	28.1	
RANGE	1.3	.2	.3	2.3	.5	.4	2.8	.5	.3	
R.S.D.	1.5	.3	.4	3.1	.6	.4	3.6	.7	.4	

KILOMETER 18 STATION BRAZIL

29 JAN 1969

30 JAN 1969

31 JAN 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	29 JAN 1969			30 JAN 1969			31 JAN 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.9	28.5	28.2	28.6	28.5	28.3	28.3	28.5	28.3	200
400	28.5	28.5	28.2	28.4	28.5	28.4	28.0	28.4	28.3	400
600	28.1	28.4	28.3	28.2	28.5	28.4	27.7	28.3	28.3	600
800	28.1	28.5	28.4	28.2	28.5	28.4	27.7	28.4	28.4	800
1000	28.5	28.6	28.5	28.5	28.6	28.5	28.0	28.5	28.5	1000
1200	29.2	28.7	28.6	28.8	28.5	28.5	29.0	28.5	28.6	1200
1400	29.8	28.6	28.6	29.2	28.6	28.5	29.5	28.5	28.5	1400
1600	29.9	28.5	28.5	29.5	28.6	28.5	29.7	28.5	28.5	1600
1800	29.8	28.5	28.4	29.5	28.6	28.5	29.5	28.5	28.4	1800
2000	29.5	28.5	28.3	29.3	28.5	28.4	29.2	28.5	28.3	2000
2200	29.3	28.6	28.3	29.0	28.5	28.3	28.9	28.5	28.2	2200
2400	29.0	28.6	28.3	28.5	28.5	28.3	28.5	28.5	28.2	2400
MINIMUM	28.1	28.4	28.2	28.2	28.5	28.3	27.7	28.3	28.2	
MAXIMUM	29.9	28.7	28.6	29.5	28.6	28.5	29.7	28.5	28.6	
MEAN	29.0	28.5	28.4	28.8	28.5	28.4	28.7	28.5	28.4	
MEDIAN	29.2	28.5	28.4	28.8	28.5	28.4	28.9	28.5	28.4	
RANGE	1.8	.3	.4	1.3	.1	.2	2.0	.2	.4	
R.S.D.	2.1	.3	.5	1.6	.2	.3	2.4	.2	.4	

KILOMETER 19 STATION BRAZIL

1 FEB 1969

2 FEB 1969

3 FEB 1969

20-40 CM. 40-60 CM. 60-80 CM. 20-40 CM. 40-60 CM. 60-80 CM. 20-40 CM. 40-60 CM. 60-80 CM.

TIME	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME
200	28.1	28.1	28.3	28.6	28.6	28.4	28.5	28.7	28.5	200
400	27.8	28.2	28.3	28.3	28.5	28.4	28.3	28.6	28.5	400
600	27.5	28.3	28.3	28.0	28.5	28.4	28.0	28.5	28.4	600
800	27.7	28.4	28.4	28.2	28.6	28.5	28.2	28.6	28.6	800
1000	28.2	28.5	28.6	28.5	28.7	28.6	28.4	28.8	28.9	1000
1200	29.0	28.5	28.6	29.4	28.7	28.7	28.8	28.8	28.8	1200
1400	29.5	28.5	28.5	29.8	28.6	28.6	29.5	28.8	28.8	1400
1600	29.9	28.6	28.5	30.0	28.6	28.5	29.8	28.8	28.7	1600
1800	30.0	28.6	28.5	30.0	28.7	28.5	29.8	28.8	28.6	1800
2000	29.7	28.5	28.4	29.6	28.7	28.5	29.6	28.7	28.6	2000
2200	29.4	28.5	28.4	29.3	28.7	28.5	29.3	28.7	28.5	2200
2400	29.0	28.6	28.4	29.0	28.7	28.5	29.0	28.7	28.5	2400
MINIMUM	27.5	28.1	28.3	28.0	28.5	28.4	28.0	28.5	28.4	
MAXIMUM	30.0	28.6	28.6	30.0	28.7	28.7	29.8	28.8	28.9	
MEAN	28.8	28.4	28.4	29.1	28.6	28.5	28.9	28.7	28.6	
MEDIAN	29.0	28.5	28.4	29.3	28.7	28.5	29.0	28.7	28.6	
RANGE	2.5	.5	.3	2.0	.2	.3	1.8	.3	.5	
K.S.D.	3.0	.5	.4	2.4	.3	.3	2.2	.3	.5	

KILOMETER 18 STATION BRAZIL

4 FEB 1969				5 FEB 1969			6 FEB 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	28.5	28.6	28.5	29.5	29.0	28.6	28.5	28.9	28.6	200
400	28.3	28.6	28.5	29.2	29.0	28.6	28.3	28.8	28.6	400
600	28.0	28.5	28.4	29.0	28.9	28.6	28.0	28.7	28.6	600
800	27.8	28.5	28.5	28.9	29.0	28.7	27.9	28.6	28.6	800
1000	28.0	28.6	28.7	29.0	29.1	28.9	28.2	28.8	28.8	1000
1200	29.0	28.7	28.8	29.2	29.0	28.9	29.0	28.9	29.0	1200
1400	30.0	28.7	28.9	29.8	29.1	29.0	29.8	28.9	29.0	1400
1600	30.5	28.7	28.8	30.1	29.0	28.9	30.5	29.0	29.0	1600
1800	30.7	28.8	28.7	30.0	28.9	28.7	30.9	29.0	28.9	1800
2000	30.5	28.9	28.5	29.5	28.9	28.6	30.7	29.0	28.8	2000
2200	30.1	29.0	28.5	29.1	28.9	28.6	30.4	29.0	28.7	2200
2400	29.8	29.0	28.6	28.9	28.9	28.6	30.0	29.1	28.7	2400
MINIMUM	27.8	28.5	28.4	28.9	28.9	28.6	27.9	28.6	28.6	
MAXIMUM	30.7	29.0	28.9	30.1	29.1	29.0	30.9	29.1	29.0	
MEAN	29.3	28.7	28.6	29.3	29.0	28.7	29.3	28.9	28.8	
MEDIAN	29.8	28.7	28.6	29.2	29.0	28.7	29.8	28.9	28.8	
RANGE	2.9	.5	.5	1.2	.2	.4	3.0	.5	.4	
R.S.D.	3.6	.6	.5	1.4	.2	.5	3.7	.5	.6	

KILOMETER 18 STATION BRAZIL

7 FEB 1969

8 FEB 1969

9 FEB 1969

20-40 CM. 40-60 CM. 60-80 CM. 20-40 CM. 40-60 CM. 60-80 CM. 20-40 CM. 40-60 CM. 60-80 CM.

TIME	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME
200	29.5	29.1	28.7	29.2	29.1	28.9	28.7	28.8	28.7	200
400	29.2	29.1	28.8	29.0	29.1	28.9	28.5	28.7	28.6	400
600	28.9	29.0	28.8	28.7	29.0	28.9	28.1	28.6	28.6	600
800	28.7	29.0	28.9	28.5	29.0	28.9	28.0	28.7	28.7	800
1000	29.0	29.2	29.0	28.4	28.9	28.9	28.4	28.8	28.9	1000
1200	29.5	29.2	29.1	28.5	28.9	28.9	29.0	28.8	29.0	1200
1400	30.2	29.2	29.2	29.0	29.0	29.0	30.0	28.9	29.0	1400
1600	30.5	29.0	29.0	29.5	29.0	29.1	30.9	29.0	29.0	1600
1800	30.5	29.1	28.9	29.7	29.0	29.0	31.0	29.0	28.9	1800
2000	30.2	29.2	28.9	29.2	28.8	28.8	30.9	29.0	28.8	2000
2200	29.9	29.2	28.9	29.3	28.8	28.7	30.5	29.1	28.8	2200
2400	29.5	29.2	28.9	29.0	28.8	28.7	30.1	29.1	28.8	2400

MINIMUM 28.7 29.0 28.7 28.4 28.8 28.7 28.0 28.6 28.6 28.6

MAXIMUM 30.5 29.2 29.2 29.7 29.1 29.1 31.0 29.1 29.0 29.0

MEAN 29.6 29.1 28.9 29.0 28.9 28.9 30.3 28.9 28.9 28.8

MEDIAN 29.5 29.2 28.9 29.0 29.0 28.9 30.0 28.9 28.9 28.8

RANGE 1.8 .2 .5 1.3 .3 .4 3.0 .5 .4 .4

R.S.D. 2.0 .3 .4 1.4 .4 .4 3.4 .5 .5 .5

KILOMETER 18 STATION BRAZIL

TIME	10 FEB 1969			11 FEB 1969			12 FEB 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.7	29.1	28.9	28.0	28.6	28.7	28.0	28.3	28.4	200
400	29.4	29.1	28.9	27.8	28.5	28.6	27.7	28.3	28.4	400
600	29.1	29.1	28.9	27.6	28.5	28.5	27.5	28.2	28.4	600
800	29.0	29.1	28.9	27.5	28.4	28.5	27.5	28.2	28.4	800
1000	29.1	29.2	29.0	27.6	28.5	28.6	28.0	28.4	28.5	1000
1200	29.2	29.2	29.0	27.9	28.5	28.6	28.6	28.5	28.6	1200
1400	29.3	29.2	29.0	28.4	28.5	28.6	29.6	28.5	28.7	1400
1600	29.3	29.1	28.9	28.9	28.5	28.7	30.3	28.5	28.6	1600
1800	29.0	29.0	28.8	29.0	28.4	28.5	30.3	28.5	28.5	1800
2000	28.7	29.0	28.8	28.8	28.4	28.5	30.0	28.5	28.4	2000
2200	28.5	28.9	28.8	28.5	28.4	28.5	29.5	28.6	28.4	2200
2400	28.2	28.7	28.8	28.3	28.4	28.4	29.2	28.7	28.5	2400
MINIMUM	28.2	28.7	28.8	27.5	28.4	28.4	27.5	28.2	28.4	
MAXIMUM	29.7	29.2	29.0	29.0	28.6	28.7	30.3	28.7	28.7	
MEAN	29.0	29.1	28.9	28.2	28.5	28.6	28.8	28.4	28.5	
MEDIAN	29.1	29.1	28.9	28.3	28.5	28.6	29.2	28.5	28.5	
RANGE	1.5	.5	.2	1.5	.2	.3	2.8	.5	.3	
R.S.D.	1.4	.5	.3	1.8	.2	.3	3.6	.5	.3	

KILOMETER 18 STATION BRAZIL

13 FEB 1969

14 FEB 1969

15 FEB 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	13 FEB 1969			14 FEB 1969			15 FEB 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.9	28.7	28.5	27.7	28.2	28.4	27.1	27.8	28.0	200
400	28.6	28.7	28.5	27.5	28.1	28.3	27.0	27.7	28.0	400
600	28.4	28.6	28.5	27.4	28.0	28.3	26.9	27.6	28.0	600
800	28.1	28.5	28.5	27.3	28.0	28.3	26.5	27.5	27.9	800
1000	28.2	28.6	28.6	27.3	28.0	28.3	25.8	27.3	27.8	1000
1200	28.4	28.5	28.6	27.4	28.0	28.3	25.6	27.1	27.7	1200
1400	28.5	28.5	28.5	27.6	28.0	28.3	25.9	27.0	27.6	1400
1600	28.5	28.5	28.5	27.9	28.0	28.2	26.3	27.0	27.6	1600
1800	28.5	28.5	28.5	28.0	28.0	28.1	26.5	27.0	27.5	1800
2000	28.3	28.4	28.4	27.7	28.0	28.0	26.5	26.9	27.4	2000
2200	28.0	28.3	28.4	27.5	27.9	28.0	26.4	26.8	27.4	2200
2400	27.9	28.3	28.4	27.4	27.9	28.0	26.2	26.8	27.3	2400
MINIMUM	27.9	28.3	28.4	27.3	27.9	28.0	25.6	26.8	27.3	
MAXIMUM	28.9	28.7	28.6	28.0	28.2	28.4	27.1	27.8	28.0	
MEAN	28.4	28.5	28.5	27.6	28.0	28.2	26.4	27.2	27.7	
MEDIAN	28.4	28.5	28.5	27.5	28.0	28.3	26.5	27.1	27.7	
RANGE	1.0	.4	.2	.7	.3	.4	1.5	1.0	.7	
R.S.D.	.9	.4	.2	.8	.3	.5	1.7	1.3	.9	

KILOMETER 18 STATION BRAZIL

TIME	16 FEB 1969			17 FEB 1969			18 FEB 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	26.0	26.8	27.3	28.0	27.6	27.5	27.4	27.7	28.3	200
400	25.9	26.7	27.2	27.6	27.6	27.5	27.2	27.7	28.3	400
600	25.6	26.7	27.2	27.4	27.6	27.5	27.1	27.6	28.3	600
800	25.9	26.8	27.3	27.5	27.9	27.8	27.1	27.6	28.3	800
1000	26.3	26.9	27.5	27.7	28.0	28.0	27.3	27.7	28.4	1000
1200	27.0	27.0	27.6	28.2	27.9	28.0	27.9	27.9	28.5	1200
1400	28.0	27.1	27.6	28.5	27.9	28.0	28.0	27.5	28.4	1400
1600	28.8	27.2	27.5	28.4	27.8	27.9	28.1	27.6	28.3	1600
1800	29.0	27.2	27.4	28.2	27.8	27.8	28.0	27.6	28.2	1800
2000	28.8	27.3	27.4	28.0	27.8	27.8	27.9	27.6	28.1	2000
2200	28.5	27.4	27.4	27.9	27.8	27.8	27.5	27.6	28.1	2200
2400	28.3	27.5	27.4	27.6	27.8	27.8	27.3	27.6	28.1	2400
MINIMUM	25.6	26.7	27.2	27.4	27.6	27.5	27.1	27.5	28.1	
MAXIMUM	29.0	27.5	27.6	28.5	28.0	28.0	28.1	27.9	28.5	
MEAN	27.3	27.0	27.4	27.9	27.8	27.8	27.6	27.6	28.3	
MEDIAN	28.0	27.1	27.4	28.0	27.8	27.8	27.5	27.6	28.3	
RANGE	3.4	.8	.4	1.1	.4	.5	1.0	.4	.4	
R.S.D.	4.7	1.0	.5	1.2	.5	.7	1.3	.3	.4	

KILOMETER 18 STATION BRAZIL

TIME	19 FEB 1969			20 FEB 1969			21 FEB 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	27.1	27.6	28.1	28.4	28.0	28.4	28.5	28.4	28.6	200
400	27.0	27.5	28.1	28.0	28.0	28.4	28.3	28.4	28.6	400
600	26.7	27.5	28.1	27.8	28.0	28.4	28.0	28.3	28.6	600
800	26.7	27.5	28.3	27.6	28.0	28.5	28.0	28.3	28.7	800
1000	27.0	27.6	28.4	28.0	28.0	28.7	28.3	28.5	28.9	1000
1200	27.7	27.6	28.5	28.5	28.2	28.8	29.0	28.5	29.0	1200
1400	28.5	27.8	28.5	29.5	28.3	28.7	29.5	28.5	29.0	1400
1600	29.3	27.9	28.5	29.9	28.2	28.7	29.4	28.3	28.8	1600
1800	29.5	27.9	28.4	29.9	28.2	28.6	29.0	28.4	28.6	1800
2000	29.3	27.9	28.3	29.5	28.3	28.6	28.7	28.4	28.6	2000
2200	29.0	28.0	28.3	29.2	28.4	28.6	28.4	28.4	28.6	2200
2400	28.7	28.0	28.3	28.9	28.4	28.6	28.0	28.4	28.6	2400
MINIMUM	26.7	27.5	28.1	27.6	28.0	28.4	28.0	28.3	28.6	
MAXIMUM	29.5	28.0	28.5	29.9	28.4	28.8	29.5	28.5	29.0	
MEAN	28.0	27.7	28.3	28.8	28.2	28.6	28.6	28.4	28.7	
MEDIAN	28.5	27.8	28.3	28.9	28.2	28.6	28.5	28.4	28.6	
RANGE	2.8	.5	.4	2.3	.4	.4	1.5	.2	.4	
R.S.D.	3.8	.7	.5	2.8	.5	.4	1.8	.2	.5	

KILOMETER 18 STATION BRAZIL

TIME	22 FEB 1969			23 FEB 1969			24 FEB 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	27.7	28.3	28.6	28.0	28.3	28.6	28.9	28.6	28.4	200
400	27.5	28.1	28.6	27.9	28.2	28.6	28.5	28.6	28.4	400
600	27.3	28.0	28.6	27.6	28.1	28.6	28.3	28.5	28.4	600
800	27.3	28.1	28.8	27.6	28.2	28.7	28.4	28.7	28.5	800
1000	27.7	28.3	29.0	28.0	28.3	28.9	28.9	28.8	28.7	1000
1200	28.4	28.3	29.0	28.9	28.4	29.0	29.5	28.9	28.8	1200
1400	28.7	28.1	28.8	29.7	28.4	29.0	30.2	29.0	28.8	1400
1600	29.0	28.1	28.7	30.1	28.5	28.9	30.6	29.0	28.8	1600
1800	29.0	28.2	28.6	30.2	28.5	28.9	30.6	29.0	28.7	1800
2000	28.8	28.2	28.6	30.0	28.5	28.9	30.3	29.0	28.5	2000
2200	28.5	28.3	28.6	29.5	28.6	28.9	30.0	29.0	28.5	2200
2400	28.2	28.3	28.6	29.2	28.6	28.9	29.6	29.0	28.5	2400
MINIMUM	27.3	28.0	28.6	27.6	28.1	28.6	28.3	28.5	28.4	
MAXIMUM	29.0	28.3	29.0	30.2	28.6	29.0	30.6	29.0	28.8	
MEAN	28.2	28.2	28.7	28.9	28.4	28.8	29.5	28.8	28.6	
MEDIAN	28.4	28.2	28.6	29.2	28.4	28.9	29.6	29.0	28.5	
RANGE	1.7	.3	.4	2.6	.5	.4	2.3	.5	.4	
R.S.D.	2.2	.4	.5	3.4	.6	.5	2.8	.6	.6	

KILOMETER 18 STATION BRAZIL

TIME	25 FEB 1969			26 FEB 1969			27 FEB 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.3	29.0	28.5	30.0	29.5	29.0	28.7	29.0	28.9	200
400	29.0	29.0	28.6	29.7	29.5	29.0	28.2	28.9	28.8	400
600	28.8	28.9	28.6	29.0	29.4	29.0	27.9	28.8	28.8	600
800	28.9	29.0	28.8	28.5	29.3	29.0	27.6	28.7	28.7	800
1000	29.3	29.1	29.0	28.5	29.3	29.1	27.8	28.6	28.7	1000
1200	30.2	29.2	29.1	29.0	29.4	29.2	28.0	28.5	28.8	1200
1400	31.0	29.2	29.1	29.6	29.3	29.3	28.3	28.5	28.8	1400
1600	31.6	29.3	29.1	30.0	29.2	29.3	28.5	28.5	28.7	1600
1800	31.6	29.3	29.0	30.0	29.1	29.1	28.5	28.5	28.6	1800
2000	31.4	29.4	28.9	29.7	29.0	29.0	28.4	28.5	28.5	2000
2200	31.0	29.5	28.9	29.5	29.0	29.0	28.1	28.4	28.5	2200
2400	30.5	29.5	28.9	29.1	29.0	28.9	27.9	28.3	28.5	2400
MINIMUM	28.8	28.9	28.5	28.5	29.0	28.9	27.6	28.3	28.5	
MAXIMUM	31.6	29.5	29.1	30.0	29.5	29.3	28.7	29.0	28.9	
MEAN	30.2	29.2	28.9	29.4	29.2	29.1	28.2	28.6	28.7	
MEDIAN	30.5	29.2	28.9	29.6	29.3	29.0	28.2	28.5	28.7	
RANGE	2.8	.6	.6	1.5	.5	.4	1.1	.7	.4	
R.S.D.	3.5	.7	.7	1.8	.6	.4	1.1	.7	.5	

KILOMETER 18 STATION BRAZIL

28 FEB 1969

1 MAR 1969

2 MAR 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	28 FEB 1969			1 MAR 1969			2 MAR 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	27.6	28.3	28.4	28.8	28.6	28.4	28.6	28.8	28.5	200
400	27.5	28.2	28.4	28.5	28.5	28.5	28.3	28.7	28.5	400
600	27.4	28.1	28.4	28.3	28.5	28.5	28.0	28.6	28.5	600
800	27.4	28.1	28.4	28.3	28.6	28.6	28.0	28.7	28.6	800
1000	27.8	28.2	28.5	28.8	28.8	28.8	28.5	28.8	28.8	1000
1200	28.5	28.3	28.6	29.5	28.8	28.9	29.0	28.8	28.8	1200
1400	29.3	28.4	28.6	30.1	28.8	28.8	29.5	28.7	28.8	1400
1600	30.0	28.4	28.6	30.3	28.7	28.6	29.6	28.6	28.6	1600
1800	30.1	28.4	28.5	30.1	28.8	28.5	29.5	28.6	28.5	1800
2000	30.0	28.4	28.4	29.8	28.8	28.5	29.1	28.6	28.5	2000
2200	29.5	28.5	28.4	29.4	28.8	28.5	28.8	28.6	28.5	2200
2400	29.2	28.5	28.4	29.0	28.8	28.5	28.5	28.6	28.5	2400
MINIMUM	27.4	28.1	28.4	28.3	28.5	28.4	28.0	28.6	28.5	
MAXIMUM	30.1	28.5	28.6	30.3	28.8	28.9	29.6	28.8	28.8	
MEAN	28.7	28.3	28.5	29.2	28.7	28.6	28.8	28.7	28.6	
MEDIAN	29.2	28.4	28.4	29.4	28.8	28.5	28.8	28.7	28.5	
RANGE	2.7	.4	.2	2.0	.3	.5	1.6	.2	.3	
R.S.D.	3.7	.5	.3	2.4	.4	.5	1.9	.3	.4	

KILOMETER 10 STATION BRAZIL

3 MAR 1969

4 MAR 1969

5 MAR 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	3 MAR 1969			4 MAR 1969			5 MAR 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.2	28.5	28.5	28.7	28.8	28.6	28.4	28.8	28.6	200
400	27.9	28.5	28.5	28.5	28.7	28.6	28.1	28.7	28.6	400
600	27.6	28.4	28.4	28.3	28.7	28.6	27.9	28.6	28.6	600
800	27.6	28.4	28.5	28.5	28.8	28.7	27.9	28.6	28.7	800
1000	28.5	28.5	28.8	29.0	29.0	28.9	28.0	28.5	28.6	1000
1200	29.0	28.7	28.9	29.9	29.0	29.0	27.7	28.4	28.5	1200
1400	30.0	28.8	28.9	30.3	28.7	28.8	27.5	28.3	28.5	1400
1600	30.4	28.8	28.8	30.0	28.8	28.6	27.4	28.1	28.5	1600
1800	30.2	28.7	28.6	29.7	28.9	28.6	27.3	28.0	28.4	1800
2000	29.7	28.8	28.5	29.4	29.0	28.6	27.0	28.0	28.3	2000
2200	29.4	28.9	28.5	29.0	28.9	28.6	26.9	27.9	28.2	2200
2400	29.0	28.9	28.6	28.6	28.9	28.6	26.5	27.7	28.1	2400
MINIMUM	27.6	28.4	28.4	28.3	28.7	28.6	26.5	27.7	28.1	
MAXIMUM	30.4	28.9	28.9	30.3	29.0	29.0	28.4	28.8	28.7	
MEAN	29.0	28.7	28.6	29.2	28.8	28.7	27.5	28.3	28.5	
MEDIAN	29.0	28.7	28.6	29.0	28.9	28.6	27.7	28.4	28.5	
RANGE	2.8	.5	.5	2.0	.3	.4	1.9	1.1	.6	
R.S.D.	3.3	.6	.6	2.2	.4	.5	1.9	1.2	.6	

KILOMETER 18 STATION BRAZIL

TIME	6 MAR 1969			7 MAR 1969			8 MAR 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	26.4	27.6	28.0	27.1	27.6	27.8	28.0	28.0	27.9	200
400	26.2	27.5	28.0	27.0	27.5	27.8	27.7	28.0	27.9	400
600	26.0	27.5	28.0	26.8	27.5	27.8	27.5	28.0	28.0	600
800	26.3	27.5	28.0	26.8	27.5	27.8	27.5	28.0	28.1	800
1000	27.0	27.5	28.2	27.3	27.7	28.0	28.0	28.1	28.2	1000
1200	27.7	27.6	28.3	28.0	27.8	28.1	28.5	28.3	28.3	1200
1400	28.0	27.7	28.0	29.0	27.9	28.2	28.8	28.1	28.2	1400
1600	28.0	27.5	27.9	29.3	27.8	28.0	28.9	28.0	28.0	1600
1800	28.0	27.6	27.9	29.3	27.9	27.9	28.7	28.0	28.0	1800
2000	27.7	27.6	27.8	29.0	28.0	27.8	28.5	28.0	28.0	2000
2200	27.5	27.6	27.8	28.6	28.0	27.8	28.2	28.0	28.0	2200
2400	27.3	27.6	27.8	28.3	28.0	27.9	28.0	28.0	28.0	2400
MINIMUM	26.0	27.5	27.8	26.8	27.5	27.8	27.5	28.0	27.9	
MAXIMUM	28.0	27.7	28.3	29.3	28.0	28.2	28.9	28.3	28.3	
MEAN	27.2	27.6	28.0	28.0	27.8	27.9	28.2	28.0	28.0	
MEDIAN	27.5	27.6	28.0	28.3	27.8	27.9	28.2	28.0	28.0	
RANGE	2.0	.2	.5	2.5	.5	.4	1.4	.3	.4	
R.S.D.	2.7	.2	.5	3.4	.7	.5	1.7	.3	.4	

KILOMETER 18 STATION BRAZIL

9 MAR 1969

10 MAR 1969

11 MAR 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	27.7	28.0	28.0	27.1	27.3	27.9	27.5	27.8	27.9	200
400	27.6	28.0	28.0	27.0	27.1	27.9	27.3	27.7	27.9	400
600	27.4	28.0	28.0	27.0	27.1	27.9	27.0	27.7	27.9	600
800	27.5	28.0	28.1	27.0	27.3	28.0	27.0	27.8	28.0	800
1000	27.8	28.1	28.2	27.5	27.9	28.1	27.5	27.9	28.1	1000
1200	28.1	28.0	28.3	28.2	27.9	28.1	28.5	28.0	28.2	1200
1400	28.1	27.9	28.1	28.5	27.2	28.0	29.5	28.1	28.2	1400
1600	28.0	27.9	28.0	28.5	27.9	28.0	30.1	28.2	28.2	1600
1800	27.9	27.8	28.0	28.5	27.9	27.9	30.1	28.2	28.0	1800
2000	27.7	27.8	27.9	28.3	27.9	27.9	29.9	28.2	28.0	2000
2200	27.5	27.8	27.9	28.0	27.9	27.9	29.5	28.3	28.0	2200
2400	27.4	27.8	27.9	27.8	27.9	27.9	29.0	28.4	28.0	2400

MINIMUM	27.4	27.8	27.9	27.0	27.1	27.9	27.0	27.7	27.9
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MAXIMUM	28.1	28.1	28.3	28.5	27.9	28.1	30.1	28.4	28.2
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MEAN	27.7	27.9	28.0	27.8	27.6	28.0	28.6	28.0	28.0
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MEDIAN	27.7	28.0	28.0	28.0	27.9	27.9	29.0	28.1	28.0
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RANGE	.7	.3	.4	1.5	.8	.2	3.1	.7	.3
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R.S.D.	.9	.4	.4	2.2	1.3	.3	4.2	.8	.4
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KILOMETER 18 STATION BRAZIL

	12 MAR 1969			13 MAR 1969			14 MAR 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	28.7	28.4	28.1	28.8	28.6	28.5	28.0	28.3	28.3	200
400	28.4	28.3	28.1	28.5	28.6	28.5	27.8	28.2	28.3	400
600	28.1	28.3	28.2	28.3	28.5	28.5	27.2	28.1	28.3	600
800	28.0	28.4	28.3	28.0	28.5	28.5	27.3	28.2	28.3	800
1000	28.5	28.5	28.4	28.0	28.5	28.5	28.0	28.3	28.4	1000
1200	29.0	28.5	28.5	28.1	28.5	28.5	28.8	28.4	28.5	1200
1400	30.0	28.6	28.6	28.5	28.5	28.5	29.7	28.4	28.5	1400
1600	30.2	28.5	28.5	29.0	28.5	28.5	30.1	28.4	28.4	1600
1800	30.1	28.5	28.4	29.0	28.4	28.5	30.1	28.4	28.3	1800
2000	29.8	28.6	28.4	28.7	28.4	28.4	29.8	28.5	28.3	2000
2200	29.5	28.6	28.4	28.5	28.4	28.4	29.5	28.5	28.4	2200
2400	29.1	28.6	28.4	28.2	28.3	28.3	29.1	28.6	28.4	2400
MINIMUM	28.0	28.3	28.1	28.0	28.3	28.3	27.2	28.1	28.3	
MAXIMUM	30.2	28.6	28.6	29.0	28.6	28.5	30.1	28.6	28.5	
MEAN	29.1	28.5	28.4	28.5	28.5	28.5	28.8	28.4	28.4	
MEDIAN	29.1	28.5	28.4	28.5	28.5	28.5	29.1	28.4	28.4	
RANGE	2.2	.3	.5	1.0	.3	.2	2.9	.5	.2	
R.S.D.	2.6	.4	.5	1.2	.3	.2	3.6	.5	.3	

KILOMETER 18 STATION BRAZIL

15 MAR 1969

16 MAR 1969

17 MAR 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	28.7	28.5	28.4	29.6	29.0	28.6	28.0	28.6	28.5	200
400	28.5	28.5	28.4	29.2	29.0	28.6	27.7	28.5	28.5	400
600	28.3	28.5	28.4	28.8	29.0	28.7	27.5	28.4	28.5	600
800	28.3	28.5	28.5	28.5	28.9	28.7	27.5	28.5	28.6	800
1000	28.5	28.6	28.6	28.7	29.0	28.9	28.0	28.5	28.6	1000
1200	29.5	28.7	28.7	29.0	28.7	28.9	28.5	28.5	28.7	1200
1400	30.5	28.8	28.7	29.5	28.9	28.9	29.5	28.6	28.8	1400
1600	31.0	28.9	28.7	29.5	28.8	28.8	30.0	28.6	28.7	1600
1800	31.0	28.9	28.6	29.1	28.7	28.7	30.0	28.6	28.5	1800
2000	30.7	28.9	28.5	28.7	28.7	28.6	29.7	28.5	28.4	2000
2200	30.3	29.0	28.5	28.5	28.7	28.6	29.3	28.5	28.4	2200
2400	30.0	29.0	28.6	28.2	28.6	28.6	29.0	28.5	28.5	2400

MINIMUM 28.3 28.5 28.4 28.2 28.6 28.6 27.5 28.4 28.4

MAXIMUM 31.0 29.0 28.7 29.6 29.0 28.9 30.0 28.6 28.8

MEAN 29.6 28.7 28.5 28.9 28.9 28.7 28.7 28.5 28.6

MEDIAN 30.0 28.8 28.6 29.0 28.9 28.7 29.0 28.5 28.5

RANGE 2.7 .5 .3 1.4 .4 .3 2.5 .2 .4

R.S.D. 3.5 .7 .4 1.5 .5 .4 3.2 .2 .4

KILOMETER 18 STATION BRAZIL

18 MAR 1969

19 MAR 1969

20 MAR 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200

200

400

400

600

600

800

800

1000

1000

1200

1200

1400

1400

1600

1600

1800

1800

2000

2000

2200

2200

2400

2400

MINIMUM

MAXIMUM

MEAN

MEDIAN

RANGE

R.S.D.

KILOMETER 18 STATION BRAZIL

24 MAR 1969				25 MAR 1969			26 MAR 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200				28.9	28.5	28.4	28.8	28.8	28.5	200
400				28.5	28.5	28.4	28.5	28.7	28.5	400
600				28.3	28.5	28.4	28.3	28.7	28.5	600
800	27.0	28.1	27.9	28.1	28.6	28.5	28.2	28.7	28.6	800
1000	28.0	28.3	28.0	28.5	28.7	28.6	28.5	28.8	28.8	1000
1200	28.5	28.3	28.0	29.1	28.7	28.8	29.3	28.9	28.9	1200
1400	29.5	28.4	28.1	29.7	28.7	28.8	30.2	28.9	28.9	1400
1600	30.0	28.4	28.0	30.0	28.6	28.6	31.0	29.0	28.9	1600
1800	30.2	28.3	28.2	30.0	28.7	28.5	31.0	29.0	28.7	1800
2000	30.0	28.5	28.3	29.7	28.8	28.5	30.7	29.0	28.6	2000
2200	29.5	28.5	28.3	29.5	28.8	28.5	30.3	29.0	28.6	2200
2400	29.2	28.5	28.3	29.2	28.8	28.5	30.0	29.1	28.6	2400
MINIMUM	27.0	28.1	27.9	28.1	28.5	28.4	28.2	28.7	28.5	
MAXIMUM	30.2	28.5	28.3	30.0	28.8	28.8	31.0	29.1	28.9	
MEAN	29.1	28.4	28.1	29.1	28.7	28.5	29.6	28.9	28.7	
MEDIAN	29.5	28.4	28.1	29.2	28.7	28.5	30.0	28.9	28.6	
RANGE	3.2	.4	.4	1.9	.3	.4	2.8	.4	.4	
R.S.D.	3.5	.4	.5	2.2	.4	.5	3.5	.5	.5	

KILOMETER 18 STATION BRAZIL

27 MAR 1969				28 MAR 1969			29 MAR 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	29.5	29.1	28.7	28.0	28.6	28.6	28.6	28.5	28.5	200
400	29.2	29.1	28.7	27.7	28.5	28.6	28.3	28.5	28.5	400
600	28.9	29.0	28.8	27.6	28.4	28.5	28.0	28.5	28.5	600
800	28.7	29.0	28.9	27.5	28.4	28.5	28.0	28.6	28.5	800
1000	29.0	29.1	28.9	27.6	28.4	28.5	28.5	28.7	28.6	1000
1200	29.5	29.1	29.0	28.2	28.4	28.6	29.0	28.8	28.8	1200
1400	29.5	28.9	28.9	29.1	28.5	28.7	29.5	28.7	28.7	1400
1600	29.2	28.9	28.8	29.6	28.6	28.6	29.9	28.7	28.6	1600
1800	29.0	28.9	28.7	29.8	28.5	28.5	29.9	28.7	28.5	1800
2000	28.7	28.9	28.6	29.5	28.5	28.5	29.5	28.8	28.5	2000
2200	28.5	28.8	28.6	29.3	28.5	28.5	29.3	28.8	28.5	2200
2400	28.2	28.7	28.6	29.0	28.5	28.5	29.0	28.8	28.5	2400
MINIMUM	28.2	28.7	28.6	27.5	28.4	28.5	28.0	28.5	28.5	
MAXIMUM	29.5	29.1	29.0	29.8	28.6	28.7	29.9	28.8	28.8	
MEAN	29.0	29.0	28.8	28.6	28.5	28.5	29.0	28.7	28.6	
MEDIAN	29.0	29.0	28.8	29.0	28.5	28.5	29.0	28.7	28.5	
RANGE	1.3	.4	.4	2.3	.2	.2	1.9	.3	.3	
R.S.D.	1.4	.4	.5	3.0	.2	.2	2.2	.4	.3	

KILOMETER 18 STATION BRAZIL

30 MAR 1969				31 MAR 1969			1 APR 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	28.5	28.7	28.5	27.5	28.1	28.3	28.9	28.6	28.4	200
400	28.3	28.6	28.5	27.4	28.0	28.3	28.4	28.6	28.4	400
600	28.0	28.5	28.5	27.2	28.0	28.2	28.1	28.5	28.5	600
800	27.7	28.5	28.5	27.5	28.0	28.3	28.0	28.5	28.5	800
1000	27.5	28.5	28.5	28.5	28.1	28.4	28.2	28.5	28.5	1000
1200	27.5	28.4	28.5	29.0	28.3	28.5	29.0	28.6	28.6	1200
1400	27.8	28.4	28.5	29.5	28.3	28.5	29.9	28.7	28.7	1400
1600	28.1	28.4	28.5	30.0	28.4	28.5	30.1	28.6	28.6	1600
1800	28.3	28.3	28.5	30.2	28.5	28.5	30.1	28.7	28.5	1800
2000	28.1	28.2	28.4	30.0	28.5	28.4	30.0	28.8	28.5	2000
2200	28.0	28.1	28.3	29.5	28.5	28.3	29.0	28.9	28.5	2200
2400	27.8	28.1	28.3	29.0	28.5	28.4	29.4	28.9	28.6	2400
MINIMUM	27.5	28.1	28.3	27.2	28.0	28.2	28.0	28.5	28.4	
MAXIMUM	28.5	28.7	28.5	30.2	28.5	28.5	30.1	28.9	28.7	
MEAN	28.0	28.4	28.5	28.8	28.3	28.4	29.1	28.7	28.5	
MEDIAN	28.0	28.4	28.5	29.0	28.3	28.4	29.0	28.6	28.5	
RANGE	1.0	.6	.2	3.0	.5	.3	2.1	.4	.3	
R.S.D.	1.1	.6	.3	3.7	.7	.3	2.6	.5	.3	

KILOMETER 18 STATION BRAZIL

TIME	2 APR 1969			3 APR 1969			4 APR 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.0	28.9	28.6	28.5	28.9	28.7	26.9	27.7	28.0	200
400	28.7	28.9	28.6	28.2	28.8	28.7	26.7	27.6	28.0	400
600	28.5	28.8	28.7	27.9	28.6	28.7	26.6	27.5	28.0	600
800	28.5	28.9	28.8	27.5	28.5	28.7	26.5	27.5	28.0	800
1000	28.7	28.9	28.8	27.5	28.4	28.6	26.9	27.6	28.0	1000
1200	29.3	28.8	28.9	27.2	28.2	28.5	27.2	27.6	28.0	1200
1400	29.6	28.8	28.8	27.2	28.0	28.5	27.5	27.5	28.0	1400
1600	29.7	28.8	28.7	27.4	28.0	28.4	28.0	27.6	28.0	1600
1800	29.7	28.9	28.7	27.5	28.0	28.3	28.1	27.6	28.0	1800
2000	29.5	29.0	28.7	27.4	27.9	28.3	28.0	27.6	27.9	2000
2200	29.2	29.0	28.7	27.1	27.8	28.2	27.9	27.6	27.9	2200
2400	29.0	29.0	28.7	27.0	27.7	28.1	27.6	27.7	27.9	2400
MINIMUM	28.5	28.8	28.6	27.0	27.7	28.1	26.5	27.5	27.9	
MAXIMUM	29.7	29.0	28.9	28.5	28.9	28.7	28.1	27.7	28.0	
MEAN	29.1	28.9	28.7	27.5	28.2	28.5	27.3	27.6	28.0	
MEDIAN	29.2	28.9	28.7	27.5	28.2	28.5	27.5	27.6	28.0	
RANGE	1.2	.2	.3	1.5	1.2	.6	1.6	.2	.1	
R.S.D.	1.5	.3	.3	1.6	1.4	.7	2.1	.2	.2	

KILOMETER 18 STATION BRAZIL

5 APR 1969				6 APR 1969			7 APR 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.5	27.7	27.9	27.7	28.0	28.0	27.0	27.6	27.8	200
400	27.2	27.6	27.9	27.5	28.0	28.0	26.9	27.5	27.8	400
600	27.0	27.6	27.8	27.2	27.9	28.0	26.8	27.5	27.8	600
800	27.0	27.6	27.9	26.9	27.8	28.0	26.8	27.5	27.9	800
1000	27.2	27.7	28.0	27.0	27.7	28.0	27.0	27.6	28.0	1000
1200	27.9	27.8	28.1	27.2	27.6	28.0	27.9	27.8	28.0	1200
1400	28.5	27.9	28.2	27.5	27.6	28.0	28.9	27.9	28.1	1400
1600	29.0	27.7	28.0	27.8	27.6	28.0	29.4	28.0	28.1	1600
1800	28.9	27.8	27.9	27.9	27.6	27.9	29.5	28.0	28.0	1800
2000	28.6	27.9	27.9	27.7	27.6	27.8	29.4	28.0	28.0	2000
2200	28.3	28.0	27.9	27.5	27.6	27.8	29.0	28.0	27.9	2200
2400	28.0	28.0	28.0	27.3	27.6	27.8	28.8	28.1	28.0	2400
MINIMUM	27.0	27.6	27.8	26.9	27.6	27.8	26.8	27.5	27.8	
MAXIMUM	29.0	28.0	28.2	27.9	28.0	28.0	29.5	28.1	28.1	
MEAN	27.9	27.8	28.0	27.4	27.7	27.9	28.1	27.8	27.9	
MEDIAN	28.0	27.8	27.9	27.5	27.6	28.0	28.8	27.9	28.0	
RANGE	2.0	.4	.4	1.0	.4	.2	2.7	.6	.3	
R.S.D.	2.5	.5	.4	1.1	.6	.3	3.9	.8	.4	

KILOMETER 18 STATION BRAZIL

TIME	8 APR 1969			9 APR 1969			10 APR 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.5	28.1	28.0	28.8	28.4	28.1	27.7	28.0	28.0	200
400	28.2	28.1	28.0	28.5	28.4	28.1	27.5	28.0	28.0	400
600	28.0	28.1	28.0	28.0	28.3	28.2	27.4	27.9	28.0	600
800	27.5	28.0	28.0	27.3	28.2	28.2	27.4	27.9	28.0	800
1000	27.4	28.0	28.1	27.0	28.1	28.2	27.5	28.0	28.1	1000
1200	28.0	28.0	28.2	27.5	28.1	28.3	28.5	28.1	28.3	1200
1400	28.7	28.1	28.3	27.9	28.0	28.3	29.0	28.0	28.3	1400
1600	29.5	28.2	28.3	28.3	28.0	28.3	29.3	28.1	28.2	1600
1800	30.0	28.3	28.3	28.5	28.0	28.2	29.5	28.2	28.2	1800
2000	29.7	28.2	28.1	28.3	28.0	28.1	29.3	28.2	28.1	2000
2200	29.5	28.3	28.1	28.1	28.0	28.0	29.0	28.2	28.0	2200
2400	29.1	28.4	28.1	28.0	28.0	28.0	28.5	28.3	28.0	2400
MINIMUM	27.4	28.0	28.0	27.0	28.0	28.0	27.4	27.9	28.0	
MAXIMUM	30.0	28.4	28.3	28.8	28.4	28.3	29.5	28.3	28.3	
MEAN	28.7	28.1	28.1	28.0	28.1	28.2	28.4	28.1	28.1	
MEDIAN	28.7	28.1	28.1	28.1	28.1	28.2	28.5	28.1	28.1	
RANGE	2.6	.4	.3	1.8	.4	.3	2.1	.4	.3	
R.S.D.	2.9	.4	.4	1.8	.5	.4	2.8	.4	.4	

KILOMETER 18 STATION BRAZIL

11 APR 1969			12 APR 1969			13 APR 1969				
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	28.3	28.3	28.0	28.8	28.5	28.2	29.2	28.9	28.5	200
400	28.3	28.3	28.0	28.5	28.5	28.3	28.9	28.8	28.5	400
600	28.0	28.2	28.0	28.2	28.5	28.3	28.5	28.7	28.5	600
800	27.8	28.2	28.1	28.0	28.5	28.4	28.4	28.6	28.5	800
1000	27.8	28.3	28.3	28.5	28.6	28.5	28.2	28.6	28.5	1000
1200	28.0	28.4	28.5	29.0	28.7	28.6	28.2	28.5	28.5	1200
1400	29.0	28.4	28.5	30.0	28.8	28.7	28.4	28.5	28.5	1400
1600	29.6	28.5	28.4	30.5	28.8	28.6	28.5	28.5	28.5	1600
1800	30.2	28.5	28.3	30.5	28.7	28.5	28.6	28.5	28.5	1800
2000	30.0	28.5	28.2	30.2	28.8	28.4	28.5	28.5	28.4	2000
2200	29.5	28.5	28.2	30.0	28.9	28.5	28.2	28.4	28.3	2200
2400	29.2	28.5	28.2	29.5	28.9	28.5	28.0	28.4	28.3	2400
MINIMUM	27.8	28.2	28.0	28.0	28.5	28.2	28.0	28.4	28.3	
MAXIMUM	30.2	28.5	28.5	30.5	28.9	28.7	29.2	28.9	28.5	
MEAN	28.8	28.4	28.2	29.3	28.7	28.5	28.5	28.6	28.5	
MEDIAN	29.0	28.4	28.2	29.5	28.7	28.5	28.5	28.5	28.5	
RANGE	2.4	.3	.5	2.5	.4	.5	1.2	.5	.2	
R.S.D.	2.9	.4	.6	3.0	.5	.5	1.1	.5	.3	

KILOMETER 18 STATION BRAZIL

14 APR 1969

15 APR 1969

16 APR 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	14 APR 1969			15 APR 1969			16 APR 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	27.7	28.3	28.3	28.5	28.5	28.4	28.3	28.5	28.4	200
400	27.5	28.2	28.2	28.2	28.5	28.4	28.0	28.4	28.4	400
600	27.3	28.1	28.2	28.0	28.4	28.4	27.8	28.3	28.3	600
800	27.5	28.3	28.5	27.8	28.4	28.4	27.7	28.3	28.4	800
1000	27.6	28.3	28.5	27.9	28.4	28.4	28.0	28.5	28.5	1000
1200	28.3	28.4	28.5	28.7	28.5	28.6	28.5	28.5	28.5	1200
1400	29.0	28.5	28.6	29.2	28.5	28.5	29.0	28.5	28.5	1400
1600	29.5	28.5	28.6	29.4	28.5	28.5	29.3	28.5	28.5	1600
1800	29.6	28.5	28.5	29.3	28.5	28.5	29.3	28.5	28.5	1800
2000	29.5	28.5	28.4	29.0	28.5	28.4	29.0	28.5	28.4	2000
2200	29.1	28.5	28.4	28.8	28.5	28.4	28.8	28.5	28.4	2200
2400	28.8	28.5	28.4	28.5	28.5	28.4	28.5	28.5	28.4	2400
MINIMUM	27.3	28.1	28.2	27.8	28.4	28.4	27.7	28.3	28.3	
MAXIMUM	29.6	28.5	28.6	29.4	28.5	28.6	29.3	28.5	28.5	
MEAN	28.4	28.4	28.4	28.6	28.5	28.4	28.5	28.5	28.4	
MEDIAN	28.8	28.5	28.5	28.7	28.5	28.4	28.5	28.5	28.4	
RANGE	2.3	.4	.4	1.6	.1	.2	1.6	.2	.2	
R.S.D.	3.0	.5	.5	1.9	.2	.2	1.9	.3	.2	

KILOMETER 18 STATION BRAZIL

17 APR 1969

18 APR 1969

19 APR 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	17 APR 1969			18 APR 1969			19 APR 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.2	28.5	28.4	28.5	28.6	28.5	26.0	27.1	27.6	200
400	27.5	28.4	28.4	27.5	28.5	28.4	25.9	27.0	27.5	400
600	27.2	28.3	28.4	27.0	28.4	28.4	25.9	27.0	27.5	600
800	27.2	28.4	28.4	26.7	28.2	28.4	26.0	27.0	27.5	800
1000	28.0	28.5	28.5	26.5	28.0	28.3	26.2	27.1	27.5	1000
1200	28.8	28.5	28.6	26.3	27.7	28.2	27.0	27.2	27.6	1200
1400	29.7	28.6	28.7	26.4	27.6	28.1	28.0	27.3	27.7	1400
1600	30.0	28.5	28.5	26.5	27.5	28.0	28.8	27.4	27.8	1600
1800	30.0	28.5	28.5	26.5	27.4	27.9	29.0	27.5	27.7	1800
2000	29.7	28.6	28.4	26.4	27.4	27.8	28.8	27.5	27.6	2000
2200	29.5	28.6	28.4	26.3	27.3	27.7	28.5	27.6	27.5	2200
2400	29.1	28.6	28.4	26.1	27.1	27.6	28.0	27.6	27.5	2400
MINIMUM	27.2	28.3	28.4	26.1	27.1	27.6	25.9	27.0	27.5	
MAXIMUM	30.0	28.6	28.7	28.5	28.6	28.5	29.0	27.6	27.8	
MEAN	28.7	28.5	28.5	26.7	27.8	28.1	27.3	27.3	27.6	
MEDIAN	29.1	28.5	28.4	26.5	27.7	28.2	28.0	27.3	27.6	
RANGE	2.8	.3	.3	2.4	1.5	.9	3.1	.6	.3	
R.S.D.	3.6	.3	.3	2.4	1.8	1.0	4.5	.8	.4	

KILOMETER 18 STATION BRAZIL

	20 APR 1969			21 APR 1969			22 APR 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.7	27.6	27.6	27.5	27.9	27.9	28.5	28.3	28.0	200
400	27.4	27.6	27.6	27.3	27.9	27.9	28.3	28.2	28.0	400
600	27.1	27.6	27.6	27.0	27.8	27.9	28.0	28.1	28.0	600
800	27.1	27.7	27.8	27.1	28.0	28.0	27.9	28.2	28.0	800
1000	27.5	27.9	28.0	27.5	28.0	28.0	28.0	28.3	28.2	1000
1200	28.3	27.8	28.0	28.0	28.0	28.1	28.5	28.3	28.3	1200
1400	29.0	27.8	28.0	29.1	28.0	28.2	29.0	28.4	28.4	1400
1600	29.1	27.7	27.9	29.8	28.0	28.1	29.5	28.5	28.5	1600
1800	29.0	27.8	27.8	29.9	28.0	28.0	29.9	28.5	28.4	1800
2000	28.6	27.9	27.8	29.5	28.1	28.0	29.5	28.4	28.2	2000
2200	28.2	28.0	27.8	29.2	28.2	28.0	29.1	28.4	28.1	2200
2400	28.0	27.9	27.9	29.0	28.3	28.0	28.9	28.4	28.1	2400
MINIMUM	27.1	27.6	27.6	27.0	27.8	27.9	27.9	28.1	28.0	
MAXIMUM	29.1	28.0	28.0	29.9	28.3	28.2	29.9	28.5	28.5	
MEAN	28.1	27.8	27.8	28.4	28.0	28.0	28.8	28.3	28.2	
MEDIAN	28.2	27.8	27.8	29.0	28.0	28.0	28.9	28.4	28.2	
RANGE	2.0	.4	.4	2.9	.5	.3	2.0	.4	.5	
R.S.D.	2.5	.5	.5	3.7	.5	.3	2.2	.4	.6	

KILOMETER 18 STATION BRAZIL

23 APR 1969

24 APR 1969

25 APR 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	23 APR 1969			24 APR 1969			25 APR 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.5	28.4	28.1	28.0	28.3	28.1	28.0	28.0	28.0	200
400	28.0	28.4	28.1	27.6	28.2	28.1	27.9	28.0	28.0	400
600	27.9	28.3	28.1	27.5	28.1	28.1	27.5	28.0	28.0	600
800	27.8	28.3	28.2	27.0	28.0	28.1	27.4	28.0	28.0	800
1000	28.0	28.3	28.4	27.0	28.0	28.1	27.3	28.0	28.0	1000
1200	28.5	28.4	28.5	27.5	28.0	28.2	27.5	27.9	28.0	1200
1400	29.4	28.5	28.5	28.0	28.0	28.3	27.6	28.0	28.0	1400
1600	29.5	28.4	28.4	28.5	28.1	28.3	28.0	28.0	28.1	1600
1800	29.5	28.3	28.2	28.9	28.1	28.3	28.2	28.0	28.1	1800
2000	29.0	28.4	28.1	28.8	28.0	28.1	28.1	27.9	28.0	2000
2200	28.5	28.4	28.1	28.5	28.0	28.0	28.0	27.9	27.9	2200
2400	28.2	28.4	28.1	28.3	28.0	28.0	27.7	27.9	27.9	2400
MINIMUM	27.8	28.3	28.1	27.0	28.0	28.0	27.3	27.9	27.9	
MAXIMUM	29.5	28.5	28.5	28.9	28.3	28.3	28.2	28.0	28.1	
MEAN	28.6	28.4	28.2	28.0	28.1	28.1	27.8	28.0	28.0	
MEDIAN	28.5	28.4	28.2	28.0	28.0	28.1	27.9	28.0	28.0	
RANGE	1.7	.2	.4	1.9	.3	.3	.9	.1	.2	
R.S.D.	2.1	.2	.6	2.2	.3	.4	1.0	.2	.2	

KILOMETER 18 STATION BRAZIL

26 APR 1969				27 APR 1969			28 APR 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.5	27.8	27.9	28.9	28.4	28.0	29.0	28.5	28.7	200
400	27.2	27.7	27.8	28.5	28.4	28.0	28.2	28.5	28.7	400
600	27.0	27.6	27.8	28.2	28.3	28.0	28.0	28.4	28.7	600
800	27.0	27.6	27.9	28.0	28.3	28.1	28.0	28.6	28.7	800
1000	27.2	27.9	28.1	28.3	28.4	28.2	28.5	28.7	28.8	1000
1200	28.0	27.9	28.2	29.0	28.5	28.5	29.5	28.7	28.9	1200
1400	29.0	28.0	28.2	29.5	28.6	28.5	30.2	28.8	28.9	1400
1600	29.8	28.1	28.2	29.9	28.4	28.4	31.0	28.9	28.8	1600
1800	30.0	28.3	28.2	29.9	28.5	28.3	31.0	28.9	28.7	1800
2000	29.9	28.2	28.0	29.5	28.5	28.3	30.6	29.0	28.6	2000
2200	29.5	28.3	27.9	29.2	28.5	28.3	30.2	29.0	28.6	2200
2400	29.1	28.4	27.9	28.9	28.5	28.3	29.9	29.0	28.6	2400
MINIMUM	27.0	27.6	27.8	28.0	28.3	28.0	28.0	28.4	28.6	
MAXIMUM	30.0	28.4	28.2	29.9	28.6	28.5	31.0	29.0	28.9	
MEAN	28.4	28.0	28.0	29.0	28.4	28.2	29.5	28.7	28.7	
MEDIAN	29.0	28.0	28.0	29.0	28.5	28.3	29.9	28.8	28.7	
RANGE	3.0	.8	.4	1.9	.3	.5	3.0	.6	.3	
R.S.D.	4.1	1.0	.6	2.1	.3	.6	3.7	.7	.4	

KILOMETER 18 STATION BRAZIL

	29 APR 1969			30 APR 1969			1 MAY 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	29.5	29.0	28.7	27.7	28.5	28.6	28.2	28.4	28.4	200
400	29.0	29.0	28.7	27.5	28.4	28.5	28.0	28.3	28.4	400
600	29.7	29.0	28.8	27.3	28.3	28.5	27.5	28.2	28.4	600
800	28.6	29.0	28.9	27.0	28.1	28.5	27.5	28.3	28.4	800
1000	28.9	29.0	29.0	27.5	28.1	28.5	28.0	28.4	28.5	1000
1200	29.0	29.0	29.0	28.0	28.2	28.6	28.5	28.4	28.6	1200
1400	29.2	28.9	28.9	28.6	28.3	28.7	29.5	28.4	28.7	1400
1600	29.0	28.8	28.8	29.2	28.3	28.6	30.0	28.5	28.6	1600
1800	28.8	28.7	28.7	29.4	28.3	28.5	30.0	28.5	28.5	1800
2000	28.5	28.7	28.6	29.2	28.3	28.5	29.7	28.5	28.5	2000
2200	28.2	28.6	28.6	29.0	28.4	28.4	29.5	28.6	28.5	2200
2400	28.0	28.5	28.6	28.5	28.4	28.4	29.0	28.6	28.5	2400
MINIMUM	28.0	28.5	28.6	27.0	28.1	28.4	27.5	28.2	28.4	
MAXIMUM	29.5	29.0	29.0	29.4	28.5	28.7	30.0	28.6	28.7	
MEAN	28.8	28.8	28.8	28.2	28.3	28.5	28.8	28.4	28.5	
MEDIAN	28.9	29.0	28.8	28.5	28.3	28.5	29.0	28.4	28.5	
RANGE	1.5	.5	.4	2.4	.4	.3	2.5	.4	.3	
R.S.D.	1.4	.6	.5	2.9	.4	.3	3.1	.4	.3	

KILOMETER 18 STATION BRAZIL

	2 MAY 1969			3 MAY 1969			4 MAY 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	28.9	28.6	28.5	27.0	27.9	28.2	26.1	27.0	27.6	200
400	28.5	28.6	28.5	27.0	27.8	28.1	26.0	27.0	27.5	400
600	28.4	28.6	28.5	26.8	27.7	28.1	26.0	27.0	27.5	600
800	28.2	28.6	28.6	26.5	27.6	28.0	26.0	27.0	27.5	800
1000	27.9	28.5	28.6	26.3	27.5	28.0	26.5	27.1	27.6	1000
1200	27.5	28.4	28.5	26.3	27.5	28.0	27.2	27.2	27.7	1200
1400	27.6	28.2	28.5	26.5	27.4	27.9	27.6	27.1	27.6	1400
1600	27.8	28.1	28.5	26.6	27.4	27.9	27.6	27.0	27.5	1600
1800	27.8	28.0	28.5	26.7	27.2	27.8	27.5	27.1	27.5	1800
2000	27.6	28.0	28.4	26.6	27.1	27.7	27.2	27.1	27.5	2000
2200	27.4	28.0	28.3	26.5	27.1	27.6	27.0	27.1	27.5	2200
2400	27.2	28.0	28.3	26.4	27.1	27.6	26.7	27.1	27.5	2400
MINIMUM	27.2	28.0	28.3	26.3	27.1	27.6	26.0	27.0	27.5	
MAXIMUM	28.9	28.6	28.6	27.0	27.9	28.2	27.6	27.2	27.7	
MEAN	27.9	28.3	28.5	26.6	27.4	27.9	26.8	27.1	27.5	
MEDIAN	27.8	28.4	28.5	26.6	27.5	28.0	27.0	27.1	27.5	
RANGE	1.7	.6	.3	.7	.8	.6	1.6	.2	.2	
H.S.D.	1.7	.9	.3	.9	1.0	.7	2.3	.2	.2	

KILOMETER 18 STATION BRAZIL

TIME	5 MAY 1969			6 MAY 1969			7 MAY 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	26.5	27.1	27.5	27.7	27.6	27.6	28.1	28.0	27.9	200
400	26.3	27.0	27.5	27.5	27.6	27.6	27.9	28.0	28.0	400
600	26.2	27.0	27.5	27.3	27.6	27.7	27.5	28.0	28.0	600
800	26.5	27.2	27.5	27.2	27.6	27.8	27.4	27.9	28.0	800
1000	26.7	27.4	27.7	27.4	27.7	27.9	27.2	27.9	28.0	1000
1200	27.5	27.5	27.9	27.6	27.8	28.0	27.4	27.9	28.0	1200
1400	28.5	27.5	27.9	28.2	27.9	28.0	27.6	27.9	28.0	1400
1600	29.0	27.6	27.8	29.0	28.0	28.1	28.0	27.9	28.0	1600
1800	29.0	27.6	27.7	29.4	28.0	28.0	28.0	27.8	28.0	1800
2000	28.8	27.6	27.6	29.2	28.0	27.9	27.9	27.7	27.9	2000
2200	28.5	27.6	27.6	28.8	28.0	27.8	27.6	27.7	27.8	2200
2400	28.0	27.6	27.6	28.5	28.0	27.8	27.4	27.6	27.8	2400
MINIMUM	26.2	27.0	27.5	27.2	27.6	27.6	27.2	27.6	27.8	
MAXIMUM	29.0	27.6	27.9	29.4	28.0	28.1	28.1	28.0	28.0	
MEAN	27.6	27.4	27.6	28.1	27.8	27.8	27.7	27.9	27.9	
MEDIAN	28.0	27.5	27.6	28.2	27.9	27.9	27.6	27.9	28.0	
RANGE	2.8	.6	.4	2.2	.4	.5	.9	.4	.2	
R.S.D.	3.9	.9	.5	2.7	.6	.6	1.0	.5	.3	

KILOMETER 18 STATION BRAZIL

TIME	8 MAY 1969			9 MAY 1969			10 MAY 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	27.2	27.6	27.8	26.9	27.5	27.5	28.0	27.8	27.6	200
400	27.0	27.5	27.8	26.6	27.5	27.5	27.7	27.8	27.7	400
600	26.8	27.5	27.6	26.5	27.4	27.5	27.5	27.7	27.7	600
800	26.8	27.5	27.8	26.4	27.3	27.5	27.4	27.8	27.9	800
1000	27.0	27.6	27.8	26.5	27.4	27.7	27.7	28.0	28.0	1000
1200	27.6	27.7	28.0	27.5	27.5	27.9	28.5	28.0	28.1	1200
1400	28.0	27.5	27.8	28.4	27.5	27.9	29.2	28.1	28.1	1400
1600	28.3	27.6	27.8	29.0	27.6	27.8	29.5	27.9	27.9	1600
1800	28.4	27.7	27.8	29.1	27.6	27.7	29.0	28.0	27.8	1800
2000	28.0	27.5	27.6	29.0	27.6	27.6	28.5	28.1	27.9	2000
2200	27.5	27.5	27.6	28.5	27.7	27.6	28.2	28.1	28.0	2200
2400	27.1	27.5	27.5	28.2	27.8	27.6	28.0	28.1	28.0	2400
MINIMUM	26.8	27.5	27.5	26.4	27.3	27.5	27.4	27.7	27.6	
MAXIMUM	28.4	27.7	28.0	29.1	27.8	27.9	29.5	28.1	28.1	
MEAN	27.5	27.6	27.8	27.7	27.5	27.6	28.3	27.9	27.9	
MEDIAN	27.5	27.5	27.8	28.2	27.5	27.6	28.2	28.0	27.9	
RANGE	1.6	.2	.5	2.7	.5	.4	2.1	.4	.5	
R.S.D.	2.0	.3	.5	3.8	.5	.5	2.3	.5	.6	

KILOMETER 18 STATION BRAZIL

11 MAY 1969				12 MAY 1969			13 MAY 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.6	28.0	28.0	27.2	27.7	27.9	27.1	27.5	27.6	200
400	27.5	28.0	28.0	27.0	27.7	27.9	27.0	27.5	27.6	400
600	27.2	27.9	28.0	26.8	27.6	27.8	26.8	27.5	27.7	600
800	27.1	27.9	28.0	26.7	27.5	27.9	26.9	27.5	27.8	800
1000	27.4	27.9	28.0	27.0	27.6	27.9	27.3	27.6	27.9	1000
1200	28.0	28.0	28.1	27.6	27.7	28.0	28.0	27.6	28.0	1200
1400	28.2	27.9	28.1	28.0	27.6	27.9	28.8	27.7	28.0	1400
1600	28.3	27.8	28.0	28.1	27.6	27.8	29.3	27.8	27.9	1600
1800	28.3	27.8	28.0	28.1	27.6	27.7	29.2	27.8	27.8	1800
2000	28.0	27.8	27.9	28.0	27.6	27.7	29.0	27.9	27.7	2000
2200	27.7	27.8	27.9	27.6	27.6	27.6	28.7	28.0	27.7	2200
2400	27.5	27.8	27.9	27.4	27.5	27.6	28.5	28.0	27.8	2400
MINIMUM	27.1	27.8	27.9	26.7	27.5	27.6	26.8	27.5	27.6	
MAXIMUM	28.3	28.0	28.1	28.1	27.7	28.0	29.3	28.0	28.0	
MEAN	27.7	27.9	28.0	27.5	27.6	27.8	28.0	27.7	27.8	
MEDIAN	27.7	27.9	28.0	27.6	27.6	27.8	28.5	27.7	27.8	
RANGE	1.2	.2	.2	1.4	.2	.4	2.5	.5	.4	
R.S.D.	1.4	.3	.2	1.8	.2	.4	3.3	.7	.5	

KILOMETER 18 STATION BRAZIL

14 MAY 1969

15 MAY 1969

16 MAY 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	28.1	28.0	27.8	28.0	28.1	28.0	27.2	27.8	27.9	200
400	27.8	28.0	27.8	27.7	28.0	28.0	27.0	27.7	27.9	400
600	27.5	27.9	27.9	27.5	28.0	28.0	26.9	27.6	27.9	600
800	27.5	28.0	28.0	27.5	28.1	28.1	26.9	27.7	27.9	800
1000	27.6	28.1	28.1	28.0	28.2	28.3	27.2	27.9	28.0	1000
1200	28.6	28.2	28.2	28.2	28.0	28.1	28.1	27.9	28.1	1200
1400	29.2	28.2	28.3	28.6	28.0	28.0	28.6	27.8	28.0	1400
1600	29.4	28.0	28.1	28.5	28.0	28.0	28.9	27.8	27.9	1600
1800	29.2	28.1	28.0	28.3	28.0	28.0	28.7	27.8	27.8	1800
2000	29.0	28.1	28.0	28.0	28.0	28.0	28.5	27.9	27.8	2000
2200	28.6	28.2	28.0	27.7	27.9	28.0	28.1	27.9	27.8	2200
2400	28.3	28.1	28.0	27.5	27.9	28.0	28.0	28.0	27.9	2400

MINIMUM 27.5 27.9 27.8 27.5 27.9 28.0 26.9 27.6 27.8

MAXIMUM 29.4 28.2 28.3 28.6 28.2 28.3 28.9 28.0 28.1

MEAN 28.4 28.1 28.0 28.0 28.0 28.0 27.8 27.8 27.9

MEDIAN 28.6 28.1 28.0 28.0 28.0 28.0 28.1 27.8 27.9

RANGE 1.9 .3 .5 1.1 .3 .3 2.0 .4 .3

R.S.D. 2.4 .3 .5 1.3 .3 .3 2.6 .4 .3

KILOMETER 18 STATION BRAZIL

17 MAY 1969

18 MAY 1969

19 MAY 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	17 MAY 1969			18 MAY 1969			19 MAY 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	27.6	27.9	27.9	28.0	28.0	28.0	29.0	28.5	28.2	200
400	27.4	27.9	27.9	27.7	28.0	27.7	28.6	28.5	28.2	400
600	27.2	27.8	27.9	27.5	28.0	27.5	28.4	28.5	28.3	600
800	27.1	27.8	27.9	27.5	28.1	27.5	28.1	28.4	28.3	800
1000	27.6	28.0	28.1	28.0	28.2	28.0	27.7	28.4	28.3	1000
1200	28.4	28.0	28.2	28.8	28.3	28.8	28.0	28.4	28.4	1200
1400	28.9	28.0	28.1	29.6	28.4	29.6	28.2	28.3	28.4	1400
1600	29.3	28.1	28.1	30.3	28.5	30.3	28.3	28.2	28.3	1600
1800	29.3	28.0	28.0	30.3	28.5	30.3	28.3	28.2	28.2	1800
2000	29.0	28.0	28.0	30.0	28.5	30.0	27.8	28.1	28.1	2000
2200	28.6	28.1	28.0	29.6	28.5	29.6	27.7	28.0	28.1	2200
2400	28.3	28.1	28.0	29.4	28.5	29.4	27.5	28.0	28.0	2400
MINIMUM	27.1	27.8	27.9	27.5	28.0	27.5	27.5	28.0	28.0	
MAXIMUM	29.3	28.1	28.2	30.3	28.5	30.3	29.0	28.5	28.4	
MEAN	28.2	28.0	28.0	28.9	28.3	28.9	28.1	28.3	28.2	
MEDIAN	28.4	28.0	28.0	29.4	28.4	29.4	28.2	28.4	28.3	
RANGE	2.2	.3	.3	2.8	.5	2.8	1.5	.5	.4	
R.S.D.	2.8	.4	.3	3.7	.7	3.7	1.5	.6	.4	

KILOMETER 18 STATION BRAZIL

20 MAY 1969				21 MAY 1969			22 MAY 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.2	28.0	28.0	27.6	28.0	28.0	28.3	28.5	28.3	200
400	27.0	27.9	28.0	27.4	28.0	28.0	27.9	28.4	28.3	400
600	26.7	27.8	28.0	27.0	28.0	28.0	27.5	28.3	28.3	600
800	26.9	27.9	28.1	27.3	28.1	28.2	27.7	28.5	28.5	800
1000	27.5	28.0	28.3	28.0	28.2	28.4	28.2	28.5	28.6	1000
1200	28.5	28.0	28.4	29.0	28.2	28.5	29.1	28.5	28.7	1200
1400	29.0	28.0	28.3	30.0	28.3	28.5	30.1	28.6	28.7	1400
1600	29.3	28.0	28.2	30.2	28.3	28.4	30.9	28.7	28.7	1600
1800	29.1	28.0	28.1	30.1	28.3	28.2	30.7	28.7	28.6	1800
2000	28.7	28.0	28.0	29.7	28.4	28.1	30.5	28.7	28.5	2000
2200	28.5	28.0	28.0	29.2	28.5	28.1	30.0	28.8	28.5	2200
2400	28.0	28.0	28.0	28.7	28.5	28.2	29.5	28.8	28.5	2400
MINIMUM	26.7	27.8	28.0	27.0	28.0	28.0	27.5	28.3	28.3	
MAXIMUM	29.3	28.0	28.4	30.2	28.5	28.5	30.9	28.8	28.7	
MEAN	28.0	28.0	28.1	28.7	28.2	28.2	29.2	28.6	28.5	
MEDIAN	28.5	28.0	28.1	29.0	28.3	28.2	29.5	28.6	28.5	
RANGE	2.6	.2	.4	3.2	.5	.5	3.4	.5	.4	
R.S.D.	3.2	.2	.5	4.0	.6	.6	4.1	.5	.5	

KILOMETER 18 STATION BRAZIL

23 MAY 1969

24 MAY 1969

25 MAY 1969

TIME	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME
200	29.0	28.8	28.5	29.2	29.1	28.8	28.6	29.0	28.9	200
400	28.5	28.7	28.5	28.9	29.0	28.8	28.3	29.0	28.8	400
600	28.3	28.7	28.5	28.6	29.0	28.9	28.0	28.9	28.8	600
800	28.4	28.9	28.7	28.8	29.2	29.0	28.2	29.0	29.0	800
1000	29.0	29.0	28.9	29.5	29.2	29.2	28.9	29.1	29.2	1000
1200	30.0	28.9	28.9	30.1	29.2	29.2	30.0	29.2	29.4	1200
1400	30.7	29.0	28.9	30.6	29.2	29.0	31.0	29.2	29.4	1400
1600	31.2	29.1	28.9	30.6	29.1	29.0	31.5	29.3	29.3	1600
1800	31.0	29.1	28.8	30.4	29.1	28.9	31.4	29.3	29.1	1800
2000	30.5	29.1	28.6	30.0	29.2	28.9	31.0	29.3	29.0	2000
2200	30.0	29.1	28.6	29.5	29.2	28.9	30.5	29.3	29.0	2200
2400	29.6	29.1	28.6	29.0	29.1	28.9	30.1	29.3	29.0	2400

MINIMUM	28.3	28.7	28.5	28.6	29.0	28.8	28.0	28.9	28.8
MAXIMUM	31.2	29.1	28.9	30.6	29.2	29.2	31.5	29.3	29.4
MEAN	29.7	29.0	28.7	29.6	29.1	29.0	29.8	29.2	29.1
MEDIAN	30.0	29.0	28.7	29.5	29.2	28.9	30.1	29.2	29.0
RANGE	2.9	.4	.4	2.0	.2	.4	3.5	.4	.6
R.S.D.	3.3	.5	.6	2.3	.3	.4	4.3	.5	.7

KILOMETER 18 STATION BRAZIL

26 MAY 1969

27 MAY 1969

28 MAY 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	26 MAY 1969			27 MAY 1969			28 MAY 1969			TIME
200	30.2	29.4	29.0	29.0	29.3	29.0	29.8	29.5	29.0	200
400	29.3	29.3	29.0	28.5	29.2	29.0	29.4	29.4	29.0	400
600	29.0	29.3	29.0	28.3	29.1	29.0	29.0	29.3	29.0	600
800	29.3	29.5	29.2	28.3	29.2	29.2	29.0	29.4	29.3	800
1000	29.6	29.6	29.4	28.8	29.3	29.4	29.5	29.5	29.5	1000
1200	30.6	29.6	29.4	29.6	29.3	29.4	30.2	29.6	29.5	1200
1400	31.0	29.5	29.3	31.0	29.3	29.4	31.0	29.6	29.5	1400
1600	31.0	29.5	29.2	31.5	29.5	29.4	31.5	29.6	29.5	1600
1800	30.8	29.5	29.1	31.5	29.5	29.3	31.5	29.6	29.3	1800
2000	30.4	29.5	29.0	31.1	29.4	29.0	31.2	29.6	29.1	2000
2200	29.9	29.5	29.0	30.7	29.5	29.0	30.9	29.7	29.1	2200
2400	29.5	29.5	29.0	30.2	29.5	29.0	30.5	29.7	29.1	2400
MINIMUM	29.0	29.3	29.0	28.3	29.1	29.0	29.0	29.3	29.0	
MAXIMUM	31.0	29.6	29.4	31.5	29.5	29.4	31.5	29.7	29.5	
MEAN	30.0	29.5	29.1	29.9	29.3	29.2	30.3	29.5	29.2	
MEDIAN	30.2	29.5	29.1	30.2	29.3	29.2	30.5	29.6	29.3	
RANGE	2.0	.3	.4	3.2	.4	.4	2.5	.4	.5	
R.S.D.	2.3	.3	.5	4.1	.4	.6	3.0	.4	.7	

KILOMETER 18 STATION BRAZIL

29 MAY 1969				30 MAY 1969			31 MAY 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	30.1	29.6	29.7	30.6	30.0	29.4	31.2	30.4	29.6	200
400	29.8	29.6	29.7	30.2	30.0	29.4	30.7	30.4	29.7	400
600	29.5	29.5	29.7	29.8	29.9	29.5	30.5	30.3	29.7	600
800	29.5	29.7	29.9	29.9	30.1	29.7	30.4	30.4	29.9	800
1000	30.0	29.8	30.0	30.2	30.2	29.9	30.8	30.5	30.1	1000
1200	31.0	29.8	30.1	31.0	30.2	30.0	31.3	30.4	30.1	1200
1400	32.0	29.9	30.2	32.0	30.3	30.1	32.1	30.6	30.2	1400
1600	32.6	30.0	30.2	32.8	30.4	30.1	32.5	30.5	30.1	1600
1800	32.6	30.0	30.0	32.8	30.3	29.8	32.3	30.5	29.9	1800
2000	32.2	30.0	29.8	32.5	30.3	29.6	31.9	30.5	29.8	2000
2200	31.7	30.0	29.8	32.0	30.4	29.5	31.4	30.5	29.8	2200
2400	31.1	30.1	29.8	31.5	30.4	29.5	31.0	30.5	29.8	2400
MINIMUM	29.5	29.5	29.7	29.8	29.9	29.4	30.4	30.3	29.6	
MAXIMUM	32.6	30.1	30.2	32.8	30.4	30.1	32.5	30.6	30.2	
MEAN	31.0	29.8	29.9	31.3	30.2	29.7	31.3	30.5	29.9	
MEDIAN	31.1	29.9	29.9	31.5	30.3	29.7	31.3	30.5	29.9	
RANGE	3.1	.6	.5	3.0	.5	.7	2.1	.3	.6	
R.S.D.	3.7	.6	.6	3.5	.5	.9	2.2	.2	.6	

KILOMETER 18 STATION BRAZIL

	1 JUN 1969			2 JUN 1969			3 JUN 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	30.6	30.4	29.8	31.2	30.6	29.9	29.0	29.8	29.7	200
400	30.2	30.3	29.8	30.8	30.6	29.9	28.6	29.6	29.7	400
600	29.9	30.2	29.8	30.5	30.5	30.0	28.5	29.5	29.6	600
800	30.0	30.4	30.0	30.4	30.5	30.1	28.5	29.6	29.6	800
1000	30.5	30.5	30.2	30.2	30.5	30.1	29.4	29.7	29.9	1000
1200	31.5	30.5	30.2	30.1	30.5	30.1	30.3	29.7	29.9	1200
1400	32.5	30.6	30.3	30.2	30.5	30.1	31.1	29.8	29.9	1400
1600	33.2	30.7	30.2	30.4	30.5	30.1	31.5	30.0	29.9	1600
1800	33.0	30.6	30.0	30.2	30.3	30.0	31.3	29.9	29.7	1800
2000	32.6	30.6	29.9	29.9	30.1	29.9	31.0	29.9	29.5	2000
2200	32.1	30.6	29.9	29.5	30.0	29.9	30.5	29.9	29.5	2200
2400	31.6	30.6	29.9	29.2	29.9	29.8	30.0	29.9	29.5	2400
MINIMUM	29.9	30.2	29.8	29.2	29.9	29.8	28.5	29.5	29.5	
MAXIMUM	33.2	30.7	30.3	31.2	30.6	30.1	31.5	30.0	29.9	
MEAN	31.5	30.5	30.0	30.2	30.4	30.0	30.0	29.8	29.7	
MEDIAN	31.6	30.6	30.0	30.2	30.5	30.0	30.3	29.8	29.7	
RANGE	3.3	.5	.5	2.0	.7	.3	3.0	.5	.4	
R.S.D.	3.7	.5	.6	1.7	.8	.3	3.6	.5	.5	

KILOMETER 18 STATION BRAZIL

	4 JUN 1969			5 JUN 1969			6 JUN 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	29.6	29.9	29.5	28.5	29.3	29.3	29.3	29.4	29.1	200
400	29.3	29.8	29.5	28.2	29.1	29.3	28.9	29.3	29.1	400
600	29.1	29.7	29.6	28.0	29.0	29.2	28.5	29.3	29.1	600
800	29.4	29.9	29.8	28.2	29.2	29.3	28.4	29.5	29.3	800
1000	29.6	29.9	29.9	28.7	29.3	29.5	29.5	29.5	29.5	1000
1200	29.5	29.5	29.5	30.0	29.3	29.5	30.5	29.5	29.6	1200
1400	29.8	29.6	29.6	30.9	29.3	29.5	31.4	29.6	29.6	1400
1600	30.0	29.6	29.5	31.2	29.4	29.5	31.7	29.7	29.5	1600
1800	29.8	29.5	29.5	31.0	29.4	29.3	31.6	29.6	29.3	1800
2000	29.5	29.5	29.4	30.6	29.4	29.2	31.2	29.6	29.2	2000
2200	29.2	29.5	29.4	30.2	29.5	29.1	30.6	29.6	29.1	2200
2400	28.8	29.4	29.4	29.7	29.5	29.1	30.1	29.6	29.1	2400
MINIMUM	28.8	29.4	29.4	28.0	29.0	29.1	28.4	29.3	29.1	
MAXIMUM	30.0	29.9	29.9	31.2	29.5	29.5	31.7	29.7	29.6	
MEAN	29.5	29.6	29.5	29.6	29.3	29.3	30.1	29.5	29.3	
MEDIAN	29.5	29.6	29.5	30.0	29.3	29.3	30.5	29.6	29.3	
RANGE	1.2	.5	.5	3.2	.5	.4	3.3	.4	.5	
R.S.D.	1.1	.6	.5	3.9	.5	.5	3.8	.4	.7	

KILOMETER 18 STATION BRAZIL

7 JUN 1969				8 JUN 1969			9 JUN 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	29.5	29.5	29.1	30.2	29.9	29.4	30.2	30.0	29.5	200
400	29.1	29.5	29.1	29.7	29.9	29.4	29.9	30.0	29.5	400
600	28.8	29.5	29.2	29.4	29.8	29.5	29.5	29.9	29.6	600
800	29.0	29.6	29.5	29.5	30.0	29.7	29.8	30.2	29.8	800
1000	29.7	29.7	29.7	30.5	30.1	29.8	30.2	30.3	30.1	1000
1200	31.0	29.7	29.8	31.5	30.1	29.9	30.6	30.3	30.1	1200
1400	32.0	29.8	29.8	32.1	30.2	29.9	31.0	30.3	30.1	1400
1600	32.5	29.9	29.7	32.2	30.0	29.7	31.0	30.2	30.0	1600
1800	32.3	29.9	29.5	31.9	30.0	29.5	30.6	30.1	30.0	1800
2000	31.7	29.9	29.4	31.5	30.0	29.5	30.4	30.1	29.9	2000
2200	31.2	29.9	29.4	31.0	30.0	29.5	30.0	30.0	29.8	2200
2400	30.7	29.9	29.4	30.6	30.0	29.5	29.5	30.0	29.8	2400
MINIMUM	28.8	29.5	29.1	29.4	29.8	29.4	29.5	29.9	29.5	
MAXIMUM	32	29.9	29.8	32.1	30.2	29.9	31.0	30.3	30.1	
MEAN	30.6	29.7	29.5	30.8	30.0	29.6	30.2	30.1	29.8	
MEDIAN	31.0	29.8	29.5	31.0	30.0	29.5	30.2	30.1	29.9	
RANGE	3.7	.4	.7	2.7	.4	.5	1.5	.4	.6	
R.S.D.	4.2	.6	.8	3.1	.3	.6	1.6	.4	.7	

KILOMETER 18 STATION BRAZIL

	10 JUN 1969			11 JUN 1969			12 JUN 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	29.2	29.9	29.7	28.8	29.5	29.5	29.7	29.6	29.5	200
400	29.0	29.7	29.7	28.5	29.4	29.4	29.3	29.5	29.5	400
600	28.6	29.6	29.6	28.3	29.3	29.3	29.0	29.5	29.5	600
800	28.7	29.7	29.8	28.5	29.4	29.5	29.2	29.7	29.7	800
1000	29.2	29.8	29.9	29.0	29.5	29.7	29.7	29.8	29.9	1000
1200	30.0	29.8	30.0	30.4	29.5	29.7	30.8	29.8	29.9	1200
1400	30.4	29.7	29.8	31.0	29.6	29.7	31.5	29.9	29.9	1400
1600	30.4	29.5	29.6	31.6	29.7	29.7	32.1	30.0	29.9	1600
1800	30.1	29.5	29.5	31.4	29.5	29.5	32.0	30.0	29.8	1800
2000	29.8	29.5	29.5	31.0	29.6	29.4	31.6	29.9	29.5	2000
2200	29.5	29.5	29.5	30.6	29.6	29.4	31.2	30.0	29.5	2200
2400	29.0	29.5	29.5	30.2	29.6	29.4	30.8	30.0	29.5	2400
MINIMUM	28.6	29.5	29.5	28.3	29.3	29.3	29.0	29.5	29.5	
MAXIMUM	30.4	29.9	30.0	31.6	29.7	29.7	32.1	30.0	29.9	
MEAN	29.5	29.6	29.7	29.9	29.5	29.5	30.6	29.8	29.7	
MEDIAN	29.5	29.7	29.7	30.4	29.5	29.5	30.8	29.9	29.7	
RANGE	1.8	.4	.5	3.3	.4	.4	3.1	.5	.4	
R.S.D.	2.1	.5	.6	4.0	.4	.5	3.6	.6	.6	

KILOMETER 18 STATION BRAZIL

	13 JUN 1969			14 JUN 1969			15 JUN 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	30.5	30.0	29.5	29.9	30.0	29.6	29.9	30.0	29.6	200
400	30.1	30.0	29.5	29.4	29.9	29.6	29.3	29.9	29.6	400
600	29.8	29.9	29.6	29.0	29.8	29.6	29.0	29.9	29.6	600
800	29.9	30.1	29.8	29.2	30.0	29.9	29.2	30.0	29.9	800
1000	30.5	30.2	30.0	29.6	30.1	30.0	30.0	30.1	30.0	1000
1200	31.5	30.2	30.1	30.7	30.1	30.2	31.0	30.1	30.1	1200
1400	32.0	30.3	30.1	31.7	30.2	30.2	32.0	30.2	30.1	1400
1600	32.2	30.2	30.0	32.2	30.3	30.2	32.4	30.3	30.1	1600
1800	31.9	30.1	29.8	32.0	30.0	29.8	32.1	30.2	29.8	1800
2000	31.4	30.1	29.7	31.5	30.0	29.6	31.7	30.1	29.6	2000
2200	30.8	30.1	29.6	30.5	30.1	29.6	31.1	30.1	29.6	2200
2400	30.4	30.1	29.6	30.3	30.0	29.6	30.6	30.1	29.6	2400
MINIMUM	29.8	29.9	29.5	29.0	29.8	29.6	29.0	29.9	29.6	
MAXIMUM	32.2	30.3	30.1	32.2	30.3	30.2	32.4	30.3	30.1	
MEAN	30.9	30.1	29.8	30.5	30.0	29.8	30.7	30.1	29.8	
MEDIAN	30.8	30.1	29.8	30.5	30.0	29.8	31.0	30.1	29.8	
RANGE	2.4	.4	.6	3.2	.5	.6	3.4	.4	.5	
R.S.D.	2.6	.3	.7	3.5	.4	.8	3.8	.4	.7	

KILOMETER 18 STATION BRAZIL

16 JUN 1969				17 JUN 1969			18 JUN 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	30.1	30.1	30.1	31.4	30.6	30.0	31.6	31.0	30.2	200
400	29.7	30.0	30.1	30.9	30.6	30.0	31.2	30.9	30.2	400
600	29.5	30.0	30.1	30.6	30.5	30.0	30.8	30.8	30.2	600
800	29.8	30.4	30.1	30.5	30.6	30.1	30.9	31.0	30.5	800
1000	30.0	30.5	30.3	30.9	30.8	30.4	31.3	31.1	30.7	1000
1200	31.1	30.5	30.4	31.7	30.9	30.5	32.0	31.2	30.8	1200
1400	32.1	30.5	30.4	32.5	30.9	30.5	33.0	31.2	30.8	1400
1600	33.0	30.6	30.4	33.3	31.0	30.5	33.5	31.3	30.7	1600
1800	33.0	30.7	30.2	33.3	30.9	30.3	33.5	31.3	30.6	1800
2000	32.7	30.5	30.0	33.0	30.9	30.2	33.1	31.1	30.4	2000
2200	32.2	30.6	29.9	32.5	31.0	30.1	32.6	31.1	30.4	2200
2400	31.7	30.6	29.9	32.0	31.0	30.1	32.2	31.1	30.4	2400
MINIMUM	29.5	30.0	29.9	30.5	30.5	30.0	30.8	30.8	30.2	
MAXIMUM	33.0	30.7	30.4	33.3	31.0	30.5	33.5	31.3	30.8	
MEAN	31.2	30.4	30.2	31.9	30.8	30.2	32.1	31.1	30.5	
MEDIAN	31.7	30.5	30.1	32.0	30.9	30.2	32.2	31.1	30.5	
RANGE	3.5	.7	.5	2.8	.5	.5	2.7	.5	.6	
R.S.D.	4.2	.8	.6	3.1	.6	.6	3.0	.5	.7	

KILOMETER 18 STATION BRAZIL

19 JUN 1969

20 JUN 1969

21 JUN 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	19 JUN 1969			20 JUN 1969			21 JUN 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	31.7	31.0	30.5	31.7	31.1	30.5	30.5	30.7	30.5	200
400	31.3	31.0	30.5	31.3	31.0	30.5	30.2	30.6	30.2	400
600	30.9	31.0	30.5	31.0	31.0	30.5	30.0	30.5	30.0	600
800	30.9	31.1	30.7	30.9	31.0	30.6	30.0	30.6	30.0	800
1000	31.4	31.3	30.9	31.0	31.1	30.8	30.5	30.8	30.5	1000
1200	32.0	31.4	31.0	31.3	31.1	30.9	31.4	30.9	31.4	1200
1400	32.5	31.3	31.0	31.6	31.1	30.9	32.0	30.9	32.0	1400
1600	33.2	31.4	30.9	31.9	31.1	30.8	32.6	30.9	32.6	1600
1800	33.2	31.3	30.8	31.7	31.0	30.6	32.6	30.8	32.6	1800
2000	33.0	31.2	30.6	31.5	30.9	30.5	32.2	30.8	32.2	2000
2200	32.5	31.2	30.5	31.2	30.9	30.5	31.6	30.8	31.6	2200
2400	32.0	31.1	30.5	30.9	30.8	30.5	31.2	30.7	31.2	2400
MINIMUM	30.9	31.0	30.5	30.9	30.8	30.5	30.0	30.5	30.0	
MAXIMUM	33.2	31.4	31.0	31.9	31.1	30.9	32.6	30.9	32.6	
MEAN	32.0	31.2	30.7	31.3	31.0	30.6	31.2	30.7	31.2	
MEDIAN	32.0	31.2	30.7	31.3	31.0	30.6	31.4	30.8	31.4	
RANGE	2.3	.4	.5	1.0	.3	.4	2.6	.4	2.6	
R.S.D.	2.5	.5	.7	1.1	.3	.5	3.0	.4	3.0	

KILOMETER 18 STATION BRAZIL

	22 JUN 1969			23 JUN 1969			24 JUN 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	30.8	30.7	30.3	29.8	30.4	30.1	28.4	29.5	29.5	200
400	30.4	30.6	30.3	29.5	30.3	30.1	28.2	29.4	29.5	400
600	30.0	30.5	30.3	29.1	30.2	30.1	28.1	29.3	29.5	600
800	30.0	30.6	30.4	29.1	30.1	30.1	28.0	29.2	29.5	800
1000	30.5	30.7	30.5	29.2	30.1	30.1	28.4	29.3	29.6	1000
1200	30.9	30.7	30.6	29.4	30.0	30.1	29.0	29.4	29.7	1200
1400	31.4	30.7	30.6	29.4	29.9	30.1	29.9	29.4	29.7	1400
1600	31.5	30.6	30.5	29.5	29.9	30.1	30.4	29.5	29.6	1600
1800	31.3	30.5	30.3	29.5	29.8	29.9	30.4	29.5	29.5	1800
2000	31.0	30.5	30.1	29.3	29.7	29.7	30.0	29.4	29.4	2000
2200	30.5	30.5	30.1	29.0	29.6	29.6	29.6	29.4	29.4	2200
2400	30.2	30.5	30.0	28.7	29.5	29.5	29.2	29.4	29.4	2400
MINIMUM	30.0	30.5	30.0	28.7	29.5	29.5	28.0	29.2	29.4	
MAXIMUM	31.5	30.7	30.6	29.8	30.4	30.1	30.4	29.5	29.7	
MEAN	30.7	30.6	30.3	29.3	30.0	30.0	29.1	29.4	29.5	
MEDIAN	30.8	30.6	30.3	29.4	30.0	30.1	29.2	29.4	29.5	
RANGE	1.5	.2	.6	1.1	.9	.6	2.4	.3	.3	
R.S.D.	1.6	.3	.6	.9	.9	.7	3.0	.3	.3	

KILOMETER 18 STATION BRAZIL

25 JUN 1969				26 JUN 1969			27 JUN 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	29.0	29.4	29.4	28.7	29.3	29.3	28.3	29.0	29.0	200
400	28.6	29.3	29.4	28.5	29.2	29.3	28.0	28.9	29.0	400
600	28.3	29.2	29.4	28.2	29.1	29.3	27.8	28.8	29.0	600
800	28.2	29.3	29.4	28.0	29.1	29.4	27.7	28.7	29.0	800
1000	28.6	29.4	29.5	28.3	29.2	29.5	28.0	28.9	29.1	1000
1200	29.4	29.4	29.6	28.6	29.0	29.3	28.5	28.9	29.2	1200
1400	30.2	29.4	29.6	28.8	29.1	29.4	29.5	29.0	29.2	1400
1600	30.4	29.3	29.5	29.4	29.1	29.4	30.5	29.0	29.2	1600
1800	30.2	29.3	29.3	29.5	29.0	29.3	30.5	29.1	29.1	1800
2000	29.9	29.4	29.3	29.2	29.0	29.1	30.2	29.0	28.9	2000
2200	29.5	29.4	29.3	29.0	29.0	29.0	29.6	29.0	28.9	2200
2400	29.1	29.3	29.3	28.6	29.0	29.0	29.1	29.1	28.9	2400
MINIMUM	28.2	29.2	29.3	28.0	29.0	29.0	27.7	28.7	28.9	
MAXIMUM	30.4	29.4	29.6	29.5	29.3	29.5	30.5	29.1	29.2	
MEAN	29.3	29.3	29.4	28.7	29.1	29.3	29.0	28.9	29.0	
MEDIAN	29.4	29.4	29.4	28.7	29.1	29.3	29.1	29.0	29.0	
RANGE	2.2	.2	.3	1.5	.3	.5	2.8	.4	.3	
R.S.D.	2.5	.2	.4	1.6	.3	.5	3.5	.4	.4	

KILOMETER 18 STATION BRAZIL

TIME	28 JUN 1969			29 JUN 1969			30 JUN 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.7	29.0	28.9	28.7	29.0	29.0	28.9	29.1	29.0	200
400	28.2	29.0	28.9	28.3	29.0	29.0	28.5	29.0	29.0	400
600	27.8	28.9	28.9	28.0	29.0	29.0	28.0	29.0	29.0	600
800	27.7	28.9	29.0	28.0	28.9	29.0	28.2	29.2	29.2	800
1000	28.0	29.0	29.1	28.4	28.9	29.2	28.5	29.2	29.3	1000
1200	28.9	29.0	29.3	29.0	29.0	29.3	29.5	29.2	29.4	1200
1400	29.7	29.0	29.3	30.0	29.1	29.3	30.6	29.3	29.4	1400
1600	30.4	29.0	29.1	30.5	29.1	29.3	31.5	29.4	29.4	1600
1800	30.5	29.1	29.1	30.6	29.3	29.2	31.6	29.5	29.3	1800
2000	30.0	29.0	29.0	30.2	29.2	29.0	31.2	29.4	29.1	2000
2200	29.5	29.0	29.0	29.8	29.2	29.0	30.7	29.5	29.0	2200
2400	29.0	29.0	29.0	29.2	29.2	29.0	30.2	29.5	29.0	2400
MINIMUM	27.7	28.9	28.9	28.0	28.9	29.0	28.0	29.0	29.0	
MAXIMUM	30.5	29.1	29.3	30.6	29.3	29.3	31.6	29.5	29.4	
MEAN	29.0	29.0	29.0	29.2	29.1	29.1	29.8	29.3	29.2	
MEDIAN	29.0	29.0	29.0	29.2	29.1	29.0	30.2	29.3	29.2	
RANGE	2.8	.2	.4	2.6	.4	.3	3.6	.5	.4	
R.S.D.	3.3	.2	.5	3.2	.4	.5	4.3	.6	.6	

KILOMETER 18 STATION BRAZIL

TIME	1 JUL 1969			2 JUL 1969			3 JUL 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	29.8	29.5	29.1	28.3	29.1	29.0	27.6	28.5	28.7	200
400	29.4	29.5	29.2	28.0	29.0	29.0	27.3	28.4	28.6	400
600	29.0	29.4	29.2	27.7	28.9	29.0	27.0	28.3	28.6	600
800	28.7	29.4	29.3	27.7	28.9	29.1	27.0	28.4	28.7	800
1000	29.0	29.5	29.5	28.3	29.0	29.3	27.5	28.5	28.9	1000
1200	29.5	29.5	29.6	28.3	28.7	29.0	28.2	28.5	29.0	1200
1400	29.9	29.3	29.4	28.7	28.9	29.1	29.2	28.6	29.0	1400
1600	30.1	29.5	29.5	29.1	28.9	29.2	29.8	28.7	28.9	1600
1800	29.9	29.4	29.3	29.2	28.8	29.0	29.8	28.5	28.7	1800
2000	29.5	29.3	29.2	28.9	28.7	28.8	29.4	28.5	28.6	2000
2200	29.1	29.3	29.1	28.5	28.7	28.7	29.0	28.6	28.5	2200
2400	28.7	29.2	29.0	28.0	28.6	28.7	28.5	28.6	28.5	2400
MINIMUM	28.7	29.2	29.0	27.7	28.6	28.7	27.0	28.3	28.5	
MAXIMUM	30.1	29.5	29.6	29.2	29.1	29.3	29.8	28.7	29.0	
MEAN	29.4	29.4	29.3	28.4	28.8	29.0	28.4	28.5	28.7	
MEDIAN	29.5	29.4	29.3	28.3	28.9	29.0	28.5	28.5	28.7	
RANGE	1.4	.3	.6	1.5	.5	.6	2.8	.4	.5	
R.S.D.	1.6	.3	.6	1.7	.5	.6	3.6	.4	.6	

KILOMETER 18 STATION BRAZIL

TIME	4 JUL 1969			5 JUL 1969			6 JUL 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.2	28.6	28.5	28.0	28.5	28.5	28.0	28.5	28.5	200
400	27.8	28.5	28.5	27.6	28.4	28.5	27.6	28.5	28.5	400
600	27.5	28.5	28.5	27.3	28.3	28.5	27.4	28.4	28.5	600
800	27.3	28.4	28.6	27.3	28.4	28.6	27.5	28.5	28.7	800
1000	27.5	28.5	28.7	27.7	28.5	28.8	28.0	28.6	28.9	1000
1200	28.0	28.5	28.7	28.6	28.6	28.9	29.4	28.7	29.0	1200
1400	28.9	28.5	28.9	29.3	28.7	28.8	29.6	28.7	28.9	1400
1600	29.5	28.6	28.9	29.5	28.5	28.7	29.9	28.6	28.8	1600
1800	29.6	28.5	28.7	29.5	28.6	28.7	29.8	28.7	28.7	1800
2000	29.3	28.5	28.6	29.2	28.6	28.6	29.5	28.7	28.6	2000
2200	29.0	28.5	28.5	28.7	28.5	28.5	29.0	28.7	28.5	2200
2400	28.5	28.5	28.5	28.3	28.5	28.5	28.7	28.7	28.5	2400
MINIMUM	27.3	28.4	28.5	27.3	28.3	28.5	27.4	28.4	28.5	
MAXIMUM	29.6	28.6	28.9	29.5	28.7	28.9	29.9	28.7	29.0	
MEAN	28.4	28.5	28.6	28.4	28.5	28.6	28.7	28.6	28.7	
MEDIAN	28.5	28.5	28.6	28.6	28.5	28.6	29.0	28.7	28.7	
RANGE	2.3	.2	.4	2.2	.4	.4	2.5	.3	.5	
R.S.D.	2.8	.2	.5	2.8	.4	.5	3.2	.4	.6	

KILOMETER 18 STATION BRAZIL

TIME	7 JUL 1969			8 JUL 1969			9 JUL 1969			TIME
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
200	28.3	28.6	28.6	28.2	28.5	28.5	28.5	28.7	28.5	200
400	28.0	28.6	28.5	27.8	28.4	28.5	28.2	28.6	28.5	400
600	27.6	28.5	28.5	27.5	28.3	28.5	27.8	28.5	28.5	600
800	27.5	28.5	28.5	27.5	28.4	28.6	28.0	28.7	28.7	800
1000	28.0	28.5	28.6	28.0	28.5	28.8	28.5	28.8	28.9	1000
1200	28.8	28.6	28.8	29.0	28.6	28.9	29.0	28.7	28.8	1200
1400	29.3	28.5	28.7	29.5	28.6	28.9	29.2	28.6	28.7	1400
1600	29.5	28.7	28.8	30.0	28.8	28.8	29.2	28.6	28.6	1600
1800	29.5	28.6	28.6	30.0	28.6	28.7	29.0	28.5	28.5	1800
2000	29.2	28.5	28.5	29.7	28.6	28.5	28.5	28.5	28.5	2000
2200	28.8	28.5	28.5	29.2	28.7	28.5	28.2	28.5	28.5	2200
2400	28.5	28.6	28.5	28.9	28.7	28.5	27.8	28.4	28.5	2400
MINIMUM	27.5	28.5	28.5	27.5	28.3	28.5	27.8	28.4	28.5	
MAXIMUM	29.5	28.7	28.8	30.0	28.8	28.9	29.2	28.8	28.9	
MEAN	28.6	28.6	28.6	28.8	28.6	28.6	28.5	28.6	28.6	
MEDIAN	28.8	28.6	28.6	29.0	28.6	28.6	28.5	28.6	28.5	
RANGE	2.0	.2	.3	2.5	.5	.4	1.4	.4	.4	
R.S.D.	2.4	.2	.4	3.1	.5	.6	1.7	.4	.5	

KILOMETER 18 STATION BRAZIL

	10 JUL 1969			11 JUL 1969			12 JUL 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	27.4	28.4	28.5	27.0	27.8	28.1	27.3	27.7	27.9	200
400	27.1	28.3	28.4	26.9	27.7	28.0	27.0	27.6	27.9	400
600	26.8	28.1	28.3	26.7	27.6	28.0	26.7	27.5	27.8	600
800	26.5	28.0	28.3	26.5	27.6	28.0	26.6	27.6	27.9	800
1000	26.7	28.0	28.1	26.7	27.6	28.1	26.8	27.7	28.0	1000
1200	27.1	28.0	28.5	27.0	27.6	28.1	27.2	27.7	28.1	1200
1400	27.6	28.1	28.5	27.6	27.7	28.2	27.5	27.6	28.0	1400
1600	27.9	27.9	28.4	28.2	27.7	28.2	27.6	27.6	28.0	1600
1800	27.9	27.8	28.3	28.4	27.7	28.1	27.6	27.6	27.9	1800
2000	27.8	27.8	28.2	28.2	27.6	27.9	27.4	27.5	27.8	2000
2200	27.5	27.8	28.1	27.9	27.6	27.9	27.2	27.5	27.7	2200
2400	27.3	27.8	28.1	27.6	27.7	27.9	27.0	27.5	27.7	2400
MINIMUM	26.5	27.8	28.1	26.5	27.6	27.9	26.6	27.5	27.7	
MAXIMUM	27.9	28.4	28.5	28.4	27.8	28.2	27.6	27.7	28.1	
MEAN	27.3	28.0	28.3	27.4	27.7	28.0	27.2	27.6	27.9	
MEDIAN	27.4	28.0	28.3	27.6	27.7	28.1	27.2	27.6	27.9	
RANGE	1.4	.6	.4	1.9	.2	.3	1.0	.2	.4	
R.S.D.	1.7	.7	.5	2.3	.2	.4	1.2	.3	.4	

KILOMETER 18 STATION BRAZIL

13 JUL 1969

14 JUL 1969

15 JUL 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME

TIME

200	26.8	27.5	27.7	27.2	27.6	28.2	28.7	28.2	28.0	200
400	26.7	27.4	27.7	26.9	27.5	28.1	28.3	28.2	28.0	400
600	26.5	27.4	27.7	26.6	27.5	28.0	28.0	28.2	28.0	600
800	26.5	27.5	27.8	26.9	27.6	28.0	27.9	28.2	28.1	800
1000	27.0	27.6	28.0	27.2	27.8	28.2	28.0	28.3	28.3	1000
1200	27.5	27.6	28.0	28.0	27.9	28.3	28.7	28.4	28.4	1200
1400	28.0	27.6	28.0	29.0	28.0	28.3	29.5	28.5	28.5	1400
1600	28.3	27.6	27.9	29.7	28.1	28.1	30.0	28.5	28.5	1600
1800	28.3	27.6	27.8	29.9	28.1	27.9	30.0	28.5	28.3	1800
2000	28.1	27.6	27.7	29.6	28.0	27.9	29.7	28.5	28.2	2000
2200	27.7	27.6	27.7	29.3	28.1	27.9	29.2	28.5	28.2	2200
2400	27.5	27.6	27.7	29.0	28.2	27.9	28.7	28.5	28.3	2400

MINIMUM 26.5 27.4 27.7 26.6 27.5 27.9 27.9 28.2 28.0

MAXIMUM 28.3 27.6 28.0 29.9 28.2 28.3 30.0 28.5 28.5

MEAN 27.4 27.5 27.8 28.3 27.9 28.1 28.9 28.4 28.2

MEDIAN 27.5 27.6 27.8 29.0 28.0 28.1 28.7 28.5 28.3

RANGE 1.8 .2 .3 3.3 .7 .4 2.1 .3 .5

R.S.D. 2.4 .3 .5 4.3 .9 .5 2.6 .5 .6

KILOMETER 18 STATION BRAZIL

16 JUL 1969				17 JUL 1969			18 JUL 1969			
	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	
TIME										TIME
200	28.3	28.5	28.3	27.6	28.1	28.0	27.9	28.1	28.0	200
400	28.0	28.4	28.3	27.4	28.1	28.0	27.5	28.1	28.0	400
600	27.7	28.3	28.3	27.1	28.0	28.0	27.3	28.0	28.0	600
800	27.5	28.3	28.3	27.0	28.0	28.1	27.2	28.0	28.1	800
1000	27.9	28.4	28.4	27.5	28.1	28.3	27.5	28.2	28.3	1000
1200	28.4	28.5	28.5	28.4	28.2	28.5	28.0	28.2	28.4	1200
1400	28.7	28.4	28.5	29.2	28.2	28.4	28.6	28.1	28.3	1400
1600	29.0	28.4	28.5	29.4	28.0	28.3	29.0	28.1	28.2	1600
1800	29.0	28.3	28.3	29.3	28.1	28.1	29.0	28.2	28.2	1800
2000	28.7	28.2	28.2	29.0	28.2	28.0	28.5	28.1	28.0	2000
2200	28.4	28.2	28.1	28.6	28.2	28.0	28.2	28.0	28.0	2200
2400	28.0	28.2	28.0	28.2	28.1	28.0	27.7	28.0	28.0	2400
MINIMUM	27.5	28.2	28.0	27.0	28.0	28.0	27.2	28.0	28.0	
MAXIMUM	29.0	28.5	28.5	29.4	28.2	28.5	29.0	28.2	28.4	
MEAN	28.3	28.3	28.3	28.2	28.1	28.1	28.0	28.1	28.1	
MEDIAN	28.4	28.4	28.3	28.4	28.1	28.1	28.0	28.1	28.1	
RANGE	1.5	.3	.5	2.4	.2	.5	1.8	.2	.4	
R.S.D.	1.7	.4	.5	3.0	.3	.6	2.2	.3	.5	

KILOMETER 18 STATION BRAZIL

19 JUL 1969

20 JUL 1969

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

20-40 CM. 40-60 CM. 60-80 CM.

TIME	20-40 CM.	40-60 CM.	60-80 CM.	20-40 CM.	40-60 CM.	60-80 CM.	TIME
200	27.4	28.0	28.0	28.5	28.3	28.0	200
400	27.1	27.9	28.0	28.0	28.3	28.0	400
600	26.9	27.8	28.0	27.5	28.2	28.0	600
800	27.0	27.9	28.1	27.5	28.3	28.3	800
1000	27.4	28.0	28.2	28.0	28.5	28.5	1000
1200	28.2	28.1	28.3	29.0	28.5	28.6	1200
1400	29.5	28.2	28.4	30.0	28.6	28.6	1400
1600	30.0	28.3	28.3	30.5	28.7	28.6	1600
1800	30.1	28.2	28.1	30.5	28.5	28.4	1800
2000	29.8	28.2	28.0	30.0	28.5	28.3	2000
2200	29.3	28.3	28.0	29.5	28.6	28.3	2200
2400	28.7	28.3	28.0	29.0	28.6	28.3	2400
MINIMUM	26.9	27.8	28.0	27.5	28.2	28.0	
MAXIMUM	30.1	28.3	28.4	30.5	28.7	28.6	
MEAN	28.4	28.1	28.1	29.0	28.5	28.3	
MEDIAN	28.7	28.2	28.1	29.0	28.5	28.3	
RANGE	3.2	.5	.4	3.0	.5	.6	
R.S.D.	4.2	.6	.5	3.7	.5	.8	