BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
Degrees of equivalence D_k = [*UTC* - *UTC*(*k*)] for June 2019
Computed 2019 JULY 12, 09h UTC

Coordinated Universal Time **UTC** and its local realizations **UTC(*k*)** in National Metrology Institutes and Designated Institutes.

Computed values of **[*UTC* - *UTC*(*k*)]** and uncertainties valid for the period of this publication

Date 2019 0h UTC	JUN 5	JUN 10	JUN 15	JUN 20	JUN 25	JUN 30	Uncertainty/ns
MJD	58639	58644	58649	58654	58659	58664	
Laboratory *k*			[*UTC* - *UTC*(*k*)]/ns				U_k
BelGIM	-0.1	-0.8	-1.3	-1.5	-0.8	0.4	24.6
BEV	-31.0	-36.6	-44.8	-40.2	-42.7	-40.4	6.6
BIM	11052.4	11064.4	11089.6	11130.4	11172.2	11171.1	14.6
BKFH	-	-	-	-	229.1	317.9	40.2
BMM	-	-	-	-	-	-	
BOM	-2189.0	-2210.3	-2222.7	-2242.6	-2186.0	-2204.8	17.0
CENAM	12.3	2.6	5.8	6.9	-0.6	4.4	23.0
CENAMAP AIP	-15.8	2.2	-1.3	11.8	5.5	-	14.8
DEF-NAT	7965.3	8147.2	8333.0	8544.0	8735.2	8924.0	40.0
DMDM	-7.9	-9.7	-11.2	-14.5	-5.2	-6.4	6.6
EIM	0.5	11.9	6.9	-	-8.9	-0.4	23.2
EMI	20.7	18.0	8.9	8.1	13.8	19.8	19.0
ESA	-2.1	-0.9	-0.1	-1.2	-1.6	-0.5	6.2
FTMC	700.7	710.7	694.7	699.1	714.5	719.5	5.4
GUM	1.1	0.8	0.1	-1.1	-3.3	-5.6	5.4
ILNAS	-4.2	-3.5	-1.6	4.5	9.2	11.1	5.6
IMBIH	-5.7	-5.0	-0.3	-14.3	2.6	1.4	14.0
INACAL	140.2	141.0	121.5	124.0	-	103.9	41.2
INM	5907.6	5957.5	5991.0	6049.5	6106.7	6166.9	14.8
INM(CO)	-38.6	-39.1	-47.1	-49.0	-52.6	-58.3	40.2
INMETRO	1.3	1.2	7.1	1.6	-1.6	-2.7	40.0
INPL	-114.7	-104.5	-104.7	-101.0	-95.3	-88.0	15.0
INRIM	-3.8	-3.5	-2.2	-0.8	-0.2	-0.3	3.2
INTI	-44.7	-63.2	-51.2	-54.6	-68.0	-62.2	40.4
IPE/ASCR	-14.7	-7.5	-4.8	-1.9	-2.4	-2.8	8.6
IPQ	160.9	176.5	198.8	224.5	242.4	247.9	40.0

JV	39.9	45.0	39.3	32.1	37.1	38.6	8.4
KazInMetr	-	-	-	-	-	-	
KEBS	-	-	-	-	-	-	
KRISS	7.8	3.8	-0.9	-4.8	-8.1	-9.6	6.0
LACOMET	9.6	10.0	7.5	-2.9	-14.4	-20.7	41.2
LNE-SYRTE	-1.4	-1.6	-1.7	-1.4	-0.9	-0.3	3.0
MASM	-472.0	-486.2	-514.2	-541.3	-574.9	-87.4	40.0
METAS	-3.8	-3.8	-3.3	-2.5	-1.6	-1.3	4.2
MIKES	-2.1	-1.7	-1.4	-1.4	-1.5	-1.5	9.0
MIRS/SIQ/Metrology	365.8	368.6	395.5	424.7	434.8	428.9	15.0
MSL	307.8	304.0	321.5	337.2	342.3	337.6	40.2
MUSSD	105.2	-	-	-	-	-	40.0
NICT	-1.4	-1.9	-1.7	-1.0	-0.7	-1.3	3.4
NIM	0.0	-0.3	-0.9	-0.8	-1.3	-0.3	3.2
NIMT	-23.1	-19.1	-5.7	7.6	28.3	33.4	8.0
NIS	-30.7	-37.7	-34.8	-24.4	-23.9	-20.3	40.0
NIST	-2.6	-3.5	-3.6	-3.1	-1.9	-0.6	3.8
NMC, A*STAR	18.3	20.9	16.4	15.3	17.4	19.8	13.4
NMIA	-186.8	-199.1	-206.2	-210.4	-213.9	-231.4	13.0
NMIJ AIST	7.4	7.6	5.4	1.9	-1.3	-4.3	6.8
NMIM	-278.3	-316.1	-337.7	-367.9	-399.5	-426.6	8.0
NMISA	-	3.1	1.5	-1.1	-1.4	1.6	5.2
NPL	-1.2	-0.9	-0.8	-1.8	-2.3	-3.1	6.4
NPLI	17.3	14.4	9.9	6.4	3.0	-4.1	5.6
NRC	7.1	-5.3	-10.6	-7.7	4.7	2.5	5.8
NSC IM	5.3	2.0	4.8	4.3	1.7	7.1	18.6
ON/DSHO	5.1	5.7	0.5	-1.8	-9.1	-6.2	40.0
PTB	-1.2	-1.1	-1.6	-1.6	-1.8	-1.7	1.2
RCM-LIPI	-	-	-	-	-	-	
RISE	-0.5	-0.9	-1.4	-2.1	-2.8	-3.1	2.8
ROA	-3.7	-4.1	-3.0	-2.8	-4.4	-5.1	3.4
SASO	-480.4	-491.0	-499.6	-515.2	-529.6	-540.8	5.8
SCL	-138.0	-136.2	-127.3	-118.0	-106.0	-98.1	40.0
SMD	-27.2	-15.9	-11.8	-22.2	-10.9	-9.8	6.2
SMU	-133.2	-122.2	-106.7	-90.6	-83.2	-56.8	24.6
TL	-1.5	-1.2	-0.9	-0.4	-0.1	0.1	3.6
UME	35.5	52.5	68.2	61.5	42.8	31.5	17.6
VMI-STAMEQ	-11.6	-5.4	-4.0	-3.1	0.7	1.8	8.2
VNIIFTRI	1.2	0.8	0.9	1.1	0.7	0.5	3.4
VSL	-0.4	1.3	6.5	-4.2	3.3	10.8	3.0