BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
Degrees of equivalence $D_k = [UTC - UTC(k)]$ for July 2019
Computed 2019 AUGUST 09, 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	JUL 5	JUL 10	JUL 15	JUL 20	JUL 25	JUL 30	Uncertainty/ns
MJD	58669	58674	58679	58684	58689	58694	
Laboratory k			[UTC - UTC(k)]/ns				U_k
BelGIM	1.5	1.5	1.7	1.2	0.5	0.8	24.2
BEV	-28.9	-27.2	-26.7	-19.9	-10.1	-12.1	6.6
BIM	11190.7	11220.4	11242.1	11286.1	11329.9	11370.3	5.4
BKFH	404.5	-	-	-	-	-	40.2
BMM	-	-	-	-	-	-	
BOM	-2221.0	-2229.4	-2250.4	-2270.1	-2296.1	-2316.7	17.2
CENAM	7.9	2.1	0.0	-2.7	1.7	0.3	23.0
CENAMAP AIP	-1.7	-16.9	-47.5	-15.7	-7.6	9.9	14.8
DEF-NAT	9110.0	9313.0	9504.0	9712.3	9878.7	10085.7	40.0
DMDM	-9.4	-14.5	-11.2	-12.0	-12.8	-15.2	6.6
EIM	-4.4	-8.4	10.2	-7.0	5.4	6.2	23.2
EMI	17.0	8.9	10.7	14.5	21.9	22.5	19.0
ESA	0.2	-0.2	0.0	-0.4	-1.3	-0.6	6.2
FTMC	714.5	714.9	733.1	752.7	751.8	764.7	5.4
GUM	-7.5	-10.0	-8.1	-4.6	-0.9	2.3	5.4
ILNAS	10.8	12.8	2.2	0.6	-3.0	-2.8	5.6
IMBIH	1.7	2.1	-28.5	-2.6	4.0	1.5	14.0
INACAL	139.7	141.7	157.9	141.8	142.0	152.0	41.2
INM	6216.2	6270.6	6326.5	6378.2	6430.9	6487.6	15.0
INM(CO)	-54.1	-47.8	-59.5	-65.0	-72.2	-71.8	40.2
INMETRO	-7.8	1.5	7.7	8.2	5.2	15.3	40.0
INPL	-79.0	-73.8	-66.7	-57.7	-57.0	-	14.6
INRIM	-1.1	-2.4	-3.5	-5.0	-4.2	-1.2	3.0
INTI	-55.4	-59.9	-70.8	-68.1	-63.3	-50.3	40.4
IPE/ASCR	-7.7	-2.6	-0.7	0.8	5.0	8.6	8.6
IPQ	251.1	249.2	250.3	-	248.0	250.8	40.0

JV	26.9	23.0	19.4	16.3	24.1	29.5	8.4
KazInMetr	-	-	-	-	-	-	
KEBS	-	-	-	-	-	-	
KRISS	-10.9	-12.5	-13.7	-15.1	-16.7	-18.3	6.2
LACOMET	-6.7	5.4	31.2	32.7	51.2	77.1	41.2
LNE-SYRTE	-0.2	-0.1	-0.1	-0.4	-0.7	-1.3	3.0
MASM	-118.3	-139.3	-192.0	-233.8	-270.0	-281.8	40.0
METAS	-1.7	-2.1	-2.4	-1.7	0.0	0.1	4.2
MIKES	-1.0	-1.1	-1.0	-1.1	-0.7	-0.5	9.0
MIRS/SIQ/Metrology	426.4	417.3	429.1	403.6	408.3	399.0	15.0
MSL	342.2	347.0	368.6	375.7	386.7	383.4	40.2
MUSSD	-	-	109.4	113.2	112.7	108.1	5.4
NICT	-2.7	-4.0	-3.9	-3.8	-2.9	-1.4	3.4
NIM	-0.2	-0.8	-0.5	-1.0	-0.5	0.3	3.4
NIMT	30.1	35.7	37.4	50.3	50.0	38.6	8.2
NIS	-13.4	-6.0	-10.6	-9.3	-13.7	-16.2	40.0
NIST	0.7	0.7	1.2	1.1	1.2	0.7	3.8
NMC, A*STAR	21.5	21.7	11.0	1.3	-3.6	-5.3	13.4
NMIA	-243.7	-221.6	-217.1	-219.0	-227.1	-240.9	13.0
NMIJ AIST	-6.8	-8.4	-9.6	-9.9	-9.6	-10.0	6.8
NMIM	-450.6	-477.2	-502.4	-534.8	-575.4	-601.4	8.0
NMISA	1.4	-1.4	-2.7	-2.2	-0.7	2.3	5.4
NPL	-2.9	-3.3	-3.8	-4.1	-4.3	-4.1	6.4
NPLI	-8.5	-10.6	-11.0	-8.6	-4.0	1.4	5.4
NRC	5.4	-4.9	-4.8	0.5	3.9	1.1	6.0
NSC IM	8.5	9.6	9.0	4.6	4.2	9.9	18.6
ON/DSHO	-2.8	-3.8	-7.1	-10.8	-7.9	-7.1	40.0
PTB	-1.5	-1.3	-1.1	-1.1	-0.9	-0.2	1.2
RISE	-3.6	-3.7	-4.3	-4.3	-4.2	-4.3	3.0
ROA	-5.2	-4.8	-3.8	-4.5	-4.8	-2.9	3.4
SASO	-557.3	-572.5	-582.9	-594.6	-606.8	-612.6	5.8
SCL	-90.9	-88.9	-84.0	-82.6	-69.9	-16.9	40.0
SMD	-4.2	2.8	-4.4	-2.5	-6.8	-3.0	6.2
SMU	-41.4	-22.5	3.6	15.2	16.1	35.0	24.6
SNSU-BSN	1323.0	1337.7	1364.0	1361.5	1365.1	1361.2	5.4
TL	1.0	1.5	2.0	2.3	2.6	3.1	3.6
UME	15.3	20.1	29.7	28.4	31.5	28.0	9.0
VMI-STAMEQ	-8.8	-15.4	-5.7	-1.4	3.7	10.2	6.6
VNIIFTRI	0.5	-0.1	0.0	-0.4	-0.7	0.1	3.6
VSL	5.6	5.2	-1.3	7.3	3.4	1.4	3.0