

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
 Degrees of equivalence $D_k = [UTC - UTC(k)]$ for April 2019
 Computed 2019 MAY 10, 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	APR 1	APR 6	APR 11	APR 16	APR 21	APR 26	Uncertainty/ns
MJD	58574	58579	58584	58589	58594	58599	
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$						U_k
BelGIM	1.8	1.4	0.6	0.2	0.1	0.4	24.6
BEV	-3.3	-15.0	-24.9	-35.2	-47.7	-60.1	6.4
BIM	-	-	-	-	-	-	
BKFH	-9394.6	-9619.2	-9822.4	-10038.3	-10268.7	16.3	40.2
BMM	-	-	-	-	-	-	
BOM	-1842.1	-1860.9	-1883.4	-1905.8	-	-2029.5	17.0
CENAM	-4.3	-0.3	8.3	5.6	3.2	-0.5	23.0
CENAMAP AIP	-11.6	-1.7	0.4	14.6	14.4	17.3	14.8
DEF-NAT	5305.3	5480.9	5670.7	5883.0	6119.2	6314.1	40.0
DMDM	15.4	11.2	14.1	6.8	5.8	6.7	6.4
EIM	5.4	6.7	1.8	11.1	1.0	2.8	23.2
EMI	9.4	0.1	13.5	23.3	20.0	12.5	19.0
ESA	0.0	-0.3	0.1	0.3	0.2	-1.0	5.8
FTMC	692.7	716.6	724.1	713.0	717.1	695.9	5.2
GUM	12.4	12.5	11.4	9.3	7.3	4.2	5.6
ILNAS	15.9	11.8	13.0	10.3	2.1	3.8	5.6
IMBIH	-4.7	-1.1	2.9	0.8	-2.9	3.1	14.6
INACAL	754.0	856.8	961.0	1069.3	34.9	-	41.2
INM	5251.2	5297.3	5342.2	5390.9	5445.5	5481.3	14.8
INM(CO)	-12.0	-5.4	-8.5	-12.2	-7.7	-2.5	40.2
INMETRO	-7.8	-13.5	-26.3	-12.1	-22.5	-24.1	40.0
INPL	-131.8	-139.2	-142.2	-143.4	-142.9	-141.7	14.4
INRIM	1.1	0.4	0.1	-1.1	-2.3	-3.7	3.0
INTI	-74.9	-80.3	-68.6	-67.5	-64.4	-64.8	40.4
IPE/ASCR	-10.0	-12.5	-15.3	-24.0	-19.1	-21.8	22.4
IPQ	-211.7	-136.2	-219.9	-277.9	-178.6	-77.7	40.0

JV	81.5	74.3	51.2	46.1	44.0	43.9	8.2
KazInMetr	-	-	-	-	-	-	
KEBS	-	-	-	-	-	-	
KRISS	7.4	4.1	3.4	4.4	6.0	7.3	5.8
LACOMET	49.4	51.3	41.2	36.7	34.1	44.6	41.2
LNE-SYRTE	0.4	0.3	0.2	0.2	0.6	0.9	2.8
MASM	-475.8	-97.3	-118.6	-135.6	-160.3	-10.5	40.0
METAS	-11.7	-10.0	-8.6	-10.4	-9.3	-8.7	4.0
MIKES	-3.7	-3.8	-3.5	-3.6	-3.4	-3.3	9.0
MIRS/SIQ/Metrology	265.1	257.1	-	238.6	259.3	265.4	15.0
MSL	413.1	424.8	435.0	400.7	377.8	351.7	40.2
MUSSD	23.1	21.2	17.8	22.0	-	28.3	40.0
NICT	-5.5	-5.5	-4.6	-3.1	-1.9	-1.0	3.2
NIM	0.1	0.7	1.6	2.0	2.2	2.7	3.2
NIMT	-89.8	-88.3	-90.5	-86.2	-78.6	-76.0	7.8
NIS	12.4	21.0	33.3	35.3	32.6	28.6	40.2
NIST	-0.9	-0.3	0.4	0.6	0.7	0.4	3.8
NMC, A*STAR	5.6	2.2	-1.1	0.9	5.5	12.1	13.2
NMIA	-138.0	-140.3	-135.1	-139.9	-152.1	-155.9	12.8
NMIJ AIST	-3.1	-3.2	-2.7	-0.7	1.0	2.7	6.6
NMIM	-	-	-	-	0.3	-33.8	7.8
NMISA	-4.3	-7.1	-5.9	-1.9	1.1	2.2	5.2
NPL	-3.6	-3.7	-3.4	-3.7	-3.5	-3.0	6.4
NPLI	4.1	3.7	4.9	7.1	8.3	11.6	5.4
NRC	9.6	2.2	4.1	3.6	4.2	4.3	5.8
NSC IM	-7.0	-1.8	-3.6	9.1	2.5	8.8	18.6
ON/DSHO	4.1	0.7	-2.9	-0.8	1.0	-0.7	42.0
PTB	1.6	1.5	1.4	1.5	1.8	1.1	1.2
RCM-LIPI	-	-	-	-	-	-	
RISE	0.8	0.8	1.7	1.3	1.5	1.1	2.8
ROA	-3.8	-3.7	-3.5	-2.5	-2.0	-1.5	3.4
SASO	-307.6	-320.1	-329.9	-331.9	-353.7	-369.3	5.6
SCL	-74.1	-61.1	-66.8	-106.9	-106.8	-113.2	40.0
SMD	-8.4	-10.7	-4.5	-17.7	-7.2	-5.6	6.0
SMU	-543.0	-499.9	-461.0	-415.3	-355.7	-306.3	24.6
TL	-0.5	0.3	1.4	1.3	1.1	0.8	3.4
UME	26.9	24.6	28.1	24.9	24.6	39.7	17.6
VMI-STAMEQ	-10.7	-16.5	-15.2	-6.6	2.2	9.1	8.2
VNIFTRI	-0.1	0.0	-0.2	0.5	0.6	1.1	4.2
VSL	2.7	6.8	9.4	1.6	-4.5	-3.3	3.0