

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
Degrees of equivalence $D_k = [UTC - UTC(k)]$ for October 2025
Computed 2025 NOVEMBER 07, 16h 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 2025 0h UTC MJD	OCT 1 60949	OCT 6 60954	OCT 11 60959	OCT 16 60964	OCT 21 60969	OCT 26 60974	OCT 31 60979	Uncertainty/ns		
Laboratory k	$[UTC - UTC(k)]/\text{ns}$							U_a	U_b	U_k
AzMI	239.9	255.7	248.1	262.3	271.7	287.6	298.9	0.4	14.2	14.2
BelGIM	-1.9	-0.6	-1.4	-1.6	-1.7	-1.9	-1.2	3.0	6.4	7.0
BEV	1.9	10.0	13.9	8.5	14.7	16.3	17.2	0.4	6.2	6.2
BFKH	3715.3	3754.8	3803.2	3848.1	3903.0	3952.1	4008.2	3.0	14.6	14.8
BIM	5369.1	5411.0	5456.9	5495.8	5545.3	5590.6	5640.2	0.4	5.6	5.6
BMM	3796.7	3809.8	3830.3	3847.4	3873.1	3889.1	3897.0	0.4	6.0	6.0
BSJ	20.5	12.5	30.6	21.7	18.1	19.2	32.4	14.0	14.2	20.0
CENAM	-3.7	-2.2	-3.2	-4.3	-4.4	-3.4	-1.6	6.0	9.0	10.8
CENAMAP AIP	2.8	2.5	-2.9	1.5	6.7	1.4	3.1	0.4	11.2	11.2
DEF-NAT	-1634.1	-1688.0	-1743.9	-1806.7	-1848.9	-1911.0	-1969.4	1.4	5.6	5.8
DFM	-10.1	-11.6	-13.1	-15.0	-17.3	-6.8	-8.5	0.4	5.8	5.8
DZM	245.3	243.0	245.2	241.1	237.3	236.3	241.8	0.4	5.6	5.6
EMI	-6541.8	-6690.2	-6833.5	-6981.2	-7122.5	-7271.9	-7414.1	0.4	5.6	5.6
ESA	1.1	1.0	0.9	0.7	0.2	-0.4	-0.8	0.4	5.6	5.6
FTMC	1160.2	1154.2	1144.8	1150.9	1146.6	1157.8	1173.3	0.4	5.6	5.6
GUM	6.1	6.3	6.2	6.1	5.5	4.7	4.0	0.4	5.6	5.6
IBMETRO	-	205.5	207.3	208.7	193.6	190.2	182.8	8.0	15.4	17.4
ILNAS	17.0	4.7	-10.3	-12.1	-14.1	-23.4	-33.1	1.0	5.6	5.6
IMBIH	0.3	-0.8	-0.7	4.0	-0.9	0.5	-0.7	0.4	6.0	6.0
INACAL	-147.8	-141.9	-151.0	-155.2	-171.6	-164.9	-149.9	10.0	NC	- (*)
INM	-	-	-	-	-	-	-			
INM(CO)	-55.7	-45.9	-48.6	-32.0	-25.6	-26.0	-26.1	6.0	NC	- (*)
INMETRO	2.8	-7.2	-3.0	1.0	5.6	-9.4	-6.3	1.4	6.8	7.0
INPL	-197.8	-189.6	-202.7	-206.5	-196.3	-200.6	-209.6	0.4	15.4	15.4
INRIM	1.5	1.7	1.5	1.6	1.8	2.0	2.0	0.4	2.2	2.2
INTI	-91.9	-78.4	-89.4	-94.1	-109.9	-116.1	-123.8	0.4	6.6	6.6
IPE/ASCR	11.9	12.3	8.8	3.9	3.1	2.5	14.0	0.4	6.2	6.2

IPQ	1682.8	1681.1	1682.4	1619.2	1607.1	1597.9	1489.1	1.4	6.2	6.4
JV	-0.7	0.4	2.0	2.8	2.3	3.2	2.6	0.4	9.8	9.8
KazStandard	-0.7	-0.9	-1.7	-2.1	-2.7	-3.3	-2.8	1.4	8.8	9.0
KRISS	2.2	2.4	2.9	3.7	4.1	3.7	2.9	0.4	6.2	6.2
LAMETRO-ICE	-194.8	-158.8	-133.6	-92.7	-41.9	3.8	32.8	0.4	14.2	14.2
LNE-OP	0.4	0.6	0.4	0.5	1.1	0.9	0.7	0.4	2.2	2.2
MASM	-	-	-	-	-	-	-			
METAS	2.5	2.4	1.6	0.9	0.1	-0.5	-0.7	0.4	2.2	2.2
MIKES	6.0	6.6	7.9	8.9	5.6	2.0	0.3	0.4	5.6	5.6
MIRS/SIQ/Metrology	1411.3	1417.2	1455.9	1482.2	1512.3	1536.1	1573.2	0.4	8.4	8.4
MSL	-20.8	-21.8	-20.5	-27.0	-24.1	-22.1	-26.0	1.4	6.2	6.4
NICT	3.2	3.7	4.4	4.3	3.6	2.5	2.8	0.4	4.0	4.0
NIM	-0.1	-0.6	-0.8	-0.7	-0.8	-1.0	-0.8	0.4	4.2	4.2
NIMT	-10.4	-6.3	5.5	5.2	15.5	8.9	5.3	1.4	5.8	6.0
NIS	44.7	42.7	47.0	43.0	-	-	38.4	1.4	14.6	14.6
NIST	1.0	1.3	1.9	2.4	1.8	1.0	0.6	0.4	4.0	4.0
NMC, A*STAR	0.1	-5.4	2.7	3.2	-0.4	-8.3	3.5	0.4	5.6	5.6
NMIA	2.7	-8.9	-10.2	12.2	9.1	-6.0	-20.6	0.4	6.2	6.2
NMIJ AIST	7.6	6.6	5.7	4.9	4.9	6.0	7.0	0.4	6.0	6.0
NMIM	139.0	87.0	19.2	-54.1	-128.3	-197.2	-258.2	0.4	5.6	5.6
NMISA	-8.3	-9.2	-8.0	-3.7	2.2	0.6	-0.1	14.0	7.4	15.8
NPL	-0.3	-0.6	-0.1	0.3	1.3	2.5	1.6	0.4	2.2	2.2
NPLI	2.1	2.0	1.5	1.6	1.0	0.7	0.2	0.4	5.6	5.6
NRC	0.0	0.2	0.5	0.8	1.2	1.3	1.4	0.4	5.6	5.6
NSAI NML	-85.0	-30.4	-40.2	-58.7	-20.4	-6.0	-41.2	1.4	15.0	15.0
NSC IM	-7.2	-14.3	-	-	-9.9	-	-	6.0	15.0	16.2
ON/DSHO	-1.8	-2.6	-0.3	1.3	0.9	-4.1	1.3	0.4	6.6	6.6
PTB	-0.8	-0.7	-0.5	-0.3	-0.0	0.1	0.2	0.4	2.2	2.2
RISE	0.4	0.1	-0.2	-0.3	-0.4	-0.8	-1.1	0.4	2.2	2.2
ROA	1.0	2.2	2.2	1.1	1.5	1.6	0.7	0.4	2.2	2.2
SASO-NMCC	1032.0	1033.5	1023.2	1015.9	1000.4	983.8	973.0	1.4	7.6	7.8
SCL	8.8	-1.7	-9.6	-13.1	-10.2	-6.0	0.8	1.4	7.6	7.8
SMD	4.3	4.4	4.4	4.1	3.9	3.6	3.3	0.4	9.0	9.0
SMU	325.8	335.3	292.6	303.5	368.0	359.2	360.4	3.0	12.4	12.8
SNSU-BSN	2109.9	2263.9	2416.1	2560.4	2705.0	2854.2	2995.8	0.4	NC	- (*)
TL	-1.0	0.0	-0.7	-0.8	-0.5	-0.8	-0.0	0.4	4.0	4.0
UME	-254.4	-265.9	-277.4	-292.1	-319.6	-469.6	-601.4	0.4	8.2	8.2
UzNIM	84.9	97.8	83.8	82.6	83.9	82.0	77.6	0.4	14.2	14.2
VMI-STAMEQ	24.7	42.2	59.3	53.5	48.0	37.1	15.3	1.4	6.0	6.2
VNIIFTRI	1.7	1.6	1.6	1.6	1.8	1.8	1.7	0.4	5.0	5.0
VSL	1.5	2.4	2.8	2.1	1.7	0.9	-0.0	0.4	2.4	2.4

ZMDM	-2.4	-9.8	-14.5	-5.9	-0.4	12.1	16.4	0.4	15.0	15.0
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(*) U_a expanded uncertainty guarantees only the traceability in frequency