

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
Degrees of equivalence $D_k = [UTC - UTC(k)]$ for September 2025
Computed 2025 OCTOBER 10, 12h 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	SEP 1	SEP 6	SEP 11	SEP 16	SEP 21	SEP 26	Uncertainty/ns		
MJD	60919	60924	60929	60934	60939	60944			
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$						U_a	U_b	U_k
BelGIM	-1.9	-2.5	-2.9	-3.1	-2.1	-2.4	3.0	6.4	7.0
BEV	-21.8	-24.7	-18.2	-8.5	-4.9	-0.1	0.4	6.2	6.2
BFKH	3427.8	3472.9	3521.9	3567.6	3616.9	3673.5	3.0	14.4	14.8
BIM	5096.7	5144.3	5185.1	5234.9	5277.5	5323.8	0.4	5.4	5.4
BMM	3669.6	3692.1	3712.9	3730.3	3741.2	3771.4	0.4	6.0	6.0
BSJ	27.6	15.4	17.7	22.9	29.7	28.3	14.0	14.2	20.0
CENAM	0.0	0.6	1.3	0.9	0.9	0.5	6.0	9.0	10.8
CENAMAP AIP	4.0	-3.3	-3.3	-7.4	13.5	-0.5	0.4	11.2	11.2
DEF-NAT	-1263.9	-1340.2	-1403.0	-1459.4	-1506.5	-1573.8	1.4	5.4	5.6
DFM	-7.8	-9.4	-10.2	-11.0	-6.6	-8.1	0.4	5.8	5.8
DZM	273.2	269.7	264.5	260.3	261.2	252.2	0.4	5.4	5.4
EMI	-5709.8	-5858.3	-6006.4	-6158.3	-6305.0	-6443.9	0.4	NC	- (*)
ESA	-0.1	-0.3	-0.8	-1.6	-1.1	0.2	0.4	5.4	5.4
FTMC	1099.8	1114.1	1127.4	1140.8	1148.8	1153.8	0.4	5.4	5.4
GUM	2.2	3.0	3.6	4.1	4.9	5.3	0.4	5.4	5.4
IBMETRO	-	-	-	-	-	-			
ILNAS	22.6	28.5	31.3	30.8	26.9	19.2	1.0	5.6	5.6
IMBIH	1.6	3.0	0.4	0.1	4.9	2.4	0.4	5.8	5.8
INACAL	-131.2	-	-137.6	-144.4	-153.4	-129.7	10.0	NC	- (*)
INM	-	-	-	-	-	-			
INM(CO)	-108.9	-124.3	-106.9	-96.0	-84.1	-72.0	6.0	NC	- (*)
INMETRO	2.2	2.6	3.5	-19.7	-	-	0.4	6.8	6.8
INPL	-145.3	-150.6	-170.5	-189.1	-185.0	-198.3	0.4	15.4	15.4
INRIM	0.7	0.7	0.6	0.6	0.8	1.2	0.4	2.2	2.2
INTI	-62.0	-39.9	-57.5	-72.5	-65.6	-77.3	0.4	6.6	6.6
IPE/ASCR	16.0	16.1	24.6	15.6	10.7	12.9	0.4	6.2	6.2
IPQ	1741.5	1728.9	1721.3	1718.0	-	-	1.4	6.2	6.4

JV	2.2	2.7	2.9	2.8	2.5	1.0	0.4	9.8	9.8
KazStandard	-1.8	-2.6	-1.7	-1.3	0.1	-0.6	1.4	8.8	9.0
KRISS	2.3	2.9	3.0	3.2	3.1	2.6	0.4	6.2	6.2
LAMETRO-ICE	-136.9	-164.5	-208.6	-248.6	-259.5	-232.6	0.4	14.2	14.2
LNE-OP	-0.3	-0.5	-0.1	0.3	0.3	0.4	0.4	2.2	2.2
MASM	-	-	-	-	-	-			
METAS	-0.4	-0.6	-0.2	-0.1	0.9	1.6	0.4	2.2	2.2
MIKES	0.6	3.9	3.8	4.3	6.1	6.6	0.4	5.4	5.4
MIRS/SIQ/Metrology	1324.8	1341.9	1361.6	1368.3	1382.3	1389.9	0.4	8.4	8.4
MSL	-10.6	-7.9	1.5	-2.5	-12.9	-19.5	1.4	6.0	6.2
NICT	0.3	1.1	1.2	1.4	2.0	2.6	0.4	4.0	4.0
NIM	-0.1	-0.1	-0.6	-0.7	-0.4	-0.4	0.4	4.0	4.0
NIMT	-14.4	-10.3	6.1	-0.5	-1.5	-6.1	1.4	5.8	6.0
NIS	57.7	50.8	46.8	47.8	43.8	43.6	1.4	14.6	14.6
NIST	-0.4	-0.6	0.2	0.6	0.6	0.5	0.4	4.0	4.0
NMC, A*STAR	-10.7	-0.6	4.8	1.1	-0.2	1.4	0.4	5.4	5.4
NMIA	15.8	8.7	-5.9	10.9	5.8	13.6	0.4	6.2	6.2
NMIJ AIST	7.7	7.2	7.0	6.9	6.8	7.2	0.4	6.0	6.0
NMIM	-4.6	10.7	35.6	66.6	90.9	117.3	0.4	5.6	5.6
NMISA	-5.5	-5.7	-4.4	-4.2	-5.2	-7.1	14.0	7.2	15.8
NPL	-1.4	-1.8	-2.0	-1.8	-1.5	-0.3	0.4	2.2	2.2
NPLI	2.6	2.4	2.4	2.4	2.5	1.9	0.4	5.4	5.4
NRC	0.2	0.1	-0.3	-0.4	-0.3	-0.1	0.4	5.4	5.4
NSAI NML	67.3	-81.0	-91.7	-81.6	-91.7	-92.5	1.4	14.8	14.8
NSC IM	-7.8	-4.2	-8.6	-4.5	-4.4	-3.2	6.0	15.0	16.2
ON/DSHO	1.3	-2.0	-1.7	-1.0	0.9	-1.8	0.4	6.6	6.6
PTB	-1.3	-1.5	-1.6	-1.5	-1.2	-1.2	0.4	2.2	2.2
RISE	1.7	1.7	1.2	0.5	0.4	0.4	0.4	2.2	2.2
ROA	0.6	-0.7	-2.0	-0.8	0.8	1.2	0.4	2.2	2.2
SASO-NMCC	894.5	917.0	929.1	960.3	980.0	1004.0	1.0	7.6	7.6
SCL	3.4	4.2	7.6	12.9	16.1	16.5	1.4	7.6	7.8
SMD	2.4	2.6	3.0	3.3	3.9	4.0	0.4	9.0	9.0
SMU	165.0	153.1	178.2	191.6	213.9	267.9	3.0	12.4	12.8
SNSU-BSN	1222.6	1365.9	1513.1	1658.4	1812.1	1953.4	0.4	NC	- (*)
TL	0.7	0.1	-0.1	-0.6	-1.4	-1.2	0.4	4.0	4.0
UME	-182.1	-192.1	-203.5	-216.0	-229.5	-242.0	0.4	8.2	8.2
UzNIM	47.9	55.6	60.9	66.2	76.0	76.3	0.4	14.2	14.2
VMI-STAMEQ	-16.3	-14.9	-12.3	-16.1	-5.7	4.9	1.4	5.8	6.0
VNIIFTRI	1.5	1.4	1.6	1.8	1.9	1.6	0.4	5.0	5.0
VSL	1.1	1.0	0.4	-0.3	-0.4	0.5	0.4	2.4	2.4
ZMDM	2.5	-6.0	-18.3	-0.5	8.7	14.6	0.4	15.0	15.0

(*) U_a expanded uncertainty guarantees only the traceability in frequency