

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
Degrees of equivalence $D_k = [UTC - UTC(k)]$ for June 2025
Computed 2025 JULY 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 2025 0h UTC	JUN 3	JUN 8	JUN 13	JUN 18	JUN 23	JUN 28	Uncertainty/ns		
MJD	60829	60834	60839	60844	60849	60854			
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$						U_a	U_b	U_k
BelGIM	0.4	0.9	1.2	1.5	1.8	0.8	3.0	6.4	7.0
BEV	26.2	25.7	23.6	10.1	3.5	-6.1	0.4	6.0	6.0
BFKH	2539.1	2593.9	2646.4	2700.4	2745.0	2793.2	3.0	14.4	14.8
BIM	4270.6	4314.2	4360.3	4408.8	4453.4	4493.9	0.4	5.4	5.4
BMM	3270.7	3292.7	3325.6	3355.6	3382.4	3388.7	0.4	5.8	5.8
BSJ	10.2	29.9	20.0	19.8	25.0	17.8	14.0	14.2	20.0
CENAM	-1.0	-0.7	-0.6	-0.8	-3.2	-2.7	6.0	8.8	10.6
CENAMAP AIP	-4.8	-6.0	-2.6	-2.0	8.5	-2.6	0.4	11.2	11.2
DEF-NAT	-142.1	-215.1	-288.8	-345.3	-405.0	-454.8	1.4	5.4	5.6
DFM	-7.9	-8.9	-9.6	-10.5	-4.8	-5.4	0.4	5.6	5.6
DZM	213.4	224.6	232.9	242.8	248.6	253.5	0.4	5.4	5.4
EMI	-3052.0	-3202.5	-3355.2	-3504.3	-3649.3	-3796.0	0.4	NC	- (*)
ESA	-0.0	-0.1	0.2	0.2	0.7	0.8	0.4	5.4	5.4
FTMC	967.9	970.5	974.0	978.8	980.9	997.1	0.4	5.4	5.4
GUM	0.2	-0.1	0.0	-0.0	0.3	0.5	0.4	5.4	5.4
IBMETRO	328.2	350.5	333.8	330.1	311.9	-	8.0	15.2	17.2
ILNAS	3.1	-3.1	-6.3	-6.3	-12.3	-11.2	1.0	5.4	5.4
IMBIH	1.1	0.2	2.5	-2.3	4.1	-1.6	0.4	5.8	5.8
INACAL	-27.5	-35.9	-32.9	-25.1	-41.5	-56.6	10.0	NC	- (*)
INM	-	-	-	-	-	-			
INM(CO)	2.1	4.0	0.0	-2.8	-0.6	-9.6	6.0	NC	- (*)
INMETRO	-21.4	-2.0	-10.4	7.0	3.1	-2.3	0.4	6.6	6.6
INPL	-119.9	-122.4	-134.2	-123.0	-122.3	-119.4	0.4	15.4	15.4
INRIM	-1.0	-1.1	-1.2	-1.0	-0.9	-0.6	0.4	2.2	2.2
INTI	243.0	240.5	-1.1	2.6	8.8	5.1	0.4	6.6	6.6
IPE/ASCR	-4.0	-2.2	-0.8	8.1	12.7	11.7	0.4	6.2	6.2
IPQ	1788.1	1794.8	-	1803.8	1815.1	1818.0	1.4	6.2	6.4

JV	0.3	0.1	-1.0	-0.2	-0.2	0.2	0.4	9.8	9.8
KazStandard	-2.4	-2.4	-2.4	-1.7	-0.9	-0.3	1.4	8.6	8.8
KRISS	-0.1	-2.7	-3.1	-2.8	-2.2	-1.8	0.4	6.0	6.0
LAMETRO-ICE	-28.5	-13.6	-20.0	-22.4	-16.2	-15.5	0.4	14.2	14.2
LNE-OP	-1.2	-1.2	-1.6	-1.5	-1.5	-1.1	0.4	2.2	2.2
MASM	-	-	-	-	-	-			
METAS	-0.1	-0.1	-0.1	0.2	-0.1	-0.3	0.4	2.2	2.2
MIKES	-14.7	-15.7	-17.3	-19.5	-19.5	-18.3	0.4	5.4	5.4
MIRS/SIQ/Metrology	1126.2	1131.2	1133.4	1148.8	1156.2	1189.5	0.4	8.2	8.2
MSL	31.7	23.3	31.3	28.0	18.3	28.8	1.4	6.0	6.2
NICT	0.9	0.6	0.5	0.3	0.2	-0.0	0.4	3.8	3.8
NIM	0.9	0.9	0.5	0.7	0.7	1.1	0.4	4.0	4.0
NIMT	8.4	12.1	29.1	34.1	26.2	22.0	0.4	6.0	6.0
NIS	-27.8	-25.1	-14.9	-6.0	-6.7	-6.0	1.4	14.4	14.4
NIST	-0.9	-1.4	-1.5	-1.1	-1.1	-1.0	0.4	4.0	4.0
NMC, A*STAR	2.8	-1.6	-6.4	7.8	2.9	-2.1	0.4	5.4	5.4
NMIA	-14.1	16.7	26.9	13.1	13.6	0.9	0.4	6.0	6.0
NMIJ AIST	4.2	5.3	6.3	7.7	9.1	10.7	0.4	5.8	5.8
NMIM	-279.4	-286.8	-283.9	-263.3	-250.4	-237.2	0.4	5.4	5.4
NMISA	7.3	3.6	-4.1	-	-	-	14.0	7.2	15.8
NPL	0.5	0.8	0.0	-0.7	-2.0	-1.6	0.4	2.2	2.2
NPLI	-0.7	-1.0	-1.4	-1.2	-1.7	-1.8	0.4	5.4	5.4
NRC	-2.2	-1.6	-1.1	-0.4	1.3	1.6	0.4	5.4	5.4
NSAI NML	0.2	-4.3	-7.2	10.3	17.7	25.1	0.4	14.8	14.8
NSC IM	-	-2.9	-7.1	-	-0.9	-	6.0	15.0	16.2
ON/DSHO	-1.3	0.7	-2.3	-3.5	1.1	-2.0	0.4	6.6	6.6
PTB	0.5	0.3	0.2	0.2	0.1	0.2	0.4	2.2	2.2
RISE	0.5	0.0	-0.3	-0.1	0.5	0.7	0.4	2.2	2.2
ROA	-2.2	-1.0	-0.7	-0.6	0.7	3.5	0.4	2.2	2.2
SASO-NMCC	-	-	-	608.2	623.0	643.2	0.4	7.6	7.6
SCL	-8.1	-7.9	-17.4	-17.6	-18.6	-14.7	0.4	7.4	7.4
SMD	-0.5	-0.9	-1.8	-2.5	-3.1	-3.2	0.4	8.0	8.0
SMU	62.9	27.5	113.0	96.8	91.0	18.3	3.0	12.4	12.8
SNSU-BSN	-818.3	-835.6	-843.8	-840.6	-859.7	-876.7	0.4	NC	-
TL	1.9	1.5	0.8	0.4	0.2	1.1	0.4	3.8	3.8
UME	-49.9	-56.2	-61.1	-67.5	-74.2	-80.0	0.4	8.2	8.2
UzNIM	0.7	5.4	10.2	7.3	12.0	17.8	0.4	14.2	14.2
VMI-STAMEQ	-6.3	-15.7	-16.9	-15.5	-13.4	-0.1	1.4	5.8	6.0
VNIFTRI	-0.2	-0.2	-0.1	-0.0	-0.2	-0.2	0.4	4.8	4.8
VSL	0.5	0.3	0.3	0.5	0.4	0.6	0.4	2.4	2.4
ZMDM	12.2	7.0	-5.8	-13.3	-25.8	-29.2	0.4	15.0	15.0

(*)

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