

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
Degrees of equivalence $D_k = [UTC - UTC(k)]$ for July 2025
Computed 2025 AUGUST 07, 15h 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	JUL 3	JUL 8	JUL 13	JUL 18	JUL 23	JUL 28	Uncertainty/ns		
MJD	60859	60864	60869	60874	60879	60884			
Laboratory k	$[UTC - UTC(k)]/ns$						U_a	U_b	U_k
BelGIM	0.7	0.1	0.8	0.7	0.9	0.9	3.0	6.4	7.0
BEV	-5.3	-17.0	-16.2	-22.6	-30.1	-28.0	0.4	6.0	6.0
BFKH	2834.1	2880.5	2930.7	2984.1	3033.3	3078.8	3.0	14.4	14.8
BIM	4539.7	4587.4	4634.9	4687.1	4738.5	4782.5	0.4	5.4	5.4
BMM	3409.9	3424.1	3423.1	3442.1	3465.6	3521.6	0.4	5.8	5.8
BSJ	29.7	23.5	25.0	14.3	26.9	17.6	14.0	14.2	20.0
CENAM	-1.3	3.5	2.3	2.5	0.7	1.5	6.0	8.8	10.6
CENAMAP AIP	-1.5	11.2	-8.2	4.0	4.0	6.1	0.4	11.2	11.2
DEF-NAT	-504.1	-563.4	-611.8	-662.3	-736.5	-806.8	1.4	5.4	5.6
DFM	-5.8	-6.6	-7.4	-3.5	-5.1	-5.1	0.4	5.6	5.6
DZM	258.4	273.6	277.2	281.1	289.7	289.0	0.4	5.4	5.4
EMI	-3944.5	-4092.3	-4239.6	-4387.0	-4532.2	-4684.2	0.4	NC	- (*)
ESA	0.1	1.8	1.0	0.9	1.1	1.1	0.4	5.4	5.4
FTMC	992.2	997.2	1007.6	1013.5	1022.9	1025.5	0.4	5.4	5.4
GUM	0.3	0.2	0.0	-0.1	0.1	0.0	0.4	5.4	5.4
IBMETRO	-	301.9	290.5	288.1	266.4	261.4	8.0	15.2	17.2
ILNAS	-15.9	-10.5	-11.4	0.3	15.9	16.0	1.0	5.4	5.4
IMBIH	0.2	4.0	1.6	1.2	3.6	3.6	0.4	5.8	5.8
INACAL	-58.1	-66.0	-74.4	-77.5	-64.0	-72.5	10.0	NC	- (*)
INM	-	-	-	-	-	-			
INM(CO)	2.6	9.1	-3.8	-16.0	1.1	25.6	6.0	NC	- (*)
INMETRO	-8.9	3.2	2.3	-4.0	-7.7	-6.6	0.4	6.6	6.6
INPL	-113.1	-118.2	-125.3	-124.3	-119.9	-115.4	0.4	15.4	15.4
INRIM	-0.3	-0.2	0.2	0.4	0.6	0.7	0.4	2.2	2.2
INTI	2.6	-7.9	-12.0	-22.0	-35.8	-34.7	0.4	6.6	6.6
IPE/ASCR	19.7	28.2	25.5	28.4	24.7	16.4	0.4	6.2	6.2
IPQ	1811.0	1804.0	-	-	-	1812.0	1.4	6.2	6.4

JV	0.7	0.4	-0.3	-0.3	0.4	-0.1	0.4	9.8	9.8
KazStandard	-0.1	-0.0	0.1	-0.1	0.6	0.9	1.4	8.6	8.8
KRISS	-1.5	-1.6	-1.0	-0.2	0.2	0.9	0.4	6.0	6.0
LAMETRO-ICE	-10.5	-14.7	-7.5	3.6	4.2	-7.2	0.4	14.2	14.2
LNE-OP	-1.1	-1.0	-1.3	-1.5	-1.4	-1.8	0.4	2.2	2.2
MASM	-	-	-	-	-	-			
METAS	-0.5	-0.7	-0.7	-0.5	0.4	0.2	0.4	2.2	2.2
MIKES	-18.8	-18.5	-19.3	-19.7	-19.7	-18.9	0.4	5.4	5.4
MIRS/SIQ/Metrology	1204.5	1217.1	1236.9	1234.4	1246.4	1259.3	0.4	8.4	8.4
MSL	27.2	9.8	22.4	16.3	9.0	11.2	1.4	6.0	6.2
NICT	-0.3	-0.5	-0.4	-0.5	-0.7	-0.5	0.4	4.0	4.0
NIM	0.9	1.0	0.7	0.7	0.8	0.7	0.4	4.0	4.0
NIMT	14.6	-5.9	-0.3	6.2	-10.0	-5.3	0.4	6.0	6.0
NIS	-1.3	5.4	7.8	11.8	18.0	21.0	1.4	14.4	14.4
NIST	-0.2	0.1	0.3	0.4	-0.3	-0.6	0.4	4.0	4.0
NMC, A*STAR	-3.9	-4.5	1.2	5.4	-0.8	-13.6	0.4	5.4	5.4
NMIA	-1.7	3.4	3.2	15.9	4.2	-14.0	0.4	6.0	6.0
NMIJ AIST	12.7	13.1	12.5	12.1	11.7	11.8	0.4	5.8	5.8
NMIM	-217.1	-194.2	-173.4	-157.7	-133.5	-124.3	0.4	5.4	5.4
NMISA	-11.4	-13.4	-9.9	-6.8	-4.7	-3.1	14.0	7.2	15.8
NPL	0.7	0.9	0.1	1.1	1.0	1.1	0.4	2.2	2.2
NPLI	-2.1	-1.1	-0.8	-0.5	-0.5	-0.3	0.4	5.4	5.4
NRC	1.3	1.0	0.9	0.7	0.6	0.6	0.4	5.4	5.4
NSAI NML	17.0	13.3	-21.1	5.6	46.4	35.4	0.4	14.8	14.8
NSC IM	-3.2	1.8	-	-15.2	22.3	5.8	6.0	15.0	16.2
ON/DSHO	-2.9	0.6	4.4	-8.5	-4.7	0.3	0.4	6.6	6.6
PTB	0.4	0.2	0.1	0.1	-0.0	-0.2	0.4	2.2	2.2
RISE	1.1	1.3	1.6	1.5	1.0	0.3	0.4	2.2	2.2
ROA	4.4	3.8	3.6	2.8	1.7	2.0	0.4	2.2	2.2
SASO-NMCC	663.8	682.1	703.3	716.4	745.4	754.7	1.4	7.6	7.8
SCL	-10.2	-3.8	-1.4	3.0	10.5	18.8	0.4	7.4	7.4
SMD	-2.4	-2.2	-1.6	-0.9	-0.3	0.1	0.4	9.0	9.0
SMU	40.4	35.8	121.2	104.0	63.9	64.2	3.0	12.4	12.8
SNSU-BSN	-866.0	-873.7	-879.9	-883.9	-870.4	105.0	0.4	NC	- (*)
TL	1.8	1.1	0.7	-0.1	-1.0	-0.6	0.4	3.8	3.8
UME	-86.3	-93.1	-98.5	-105.2	-111.5	-118.7	0.4	8.2	8.2
UzNIM	27.6	31.4	33.9	37.8	40.5	37.5	0.4	14.2	14.2
VMI-STAMEQ	3.8	5.8	15.5	17.3	5.7	-21.8	1.4	5.8	6.0
VNIIFTRI	0.3	0.3	0.6	0.7	1.0	1.1	0.4	4.8	4.8
VSL	0.2	-0.5	-0.3	0.0	0.4	0.4	0.4	2.4	2.4
ZMDM	-35.3	-56.9	-36.0	-28.5	-4.7	-16.6	0.4	15.0	15.0

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