

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
Degrees of equivalence $D_k = [UTC - UTC(k)]$ for April 2025
Computed 2025 MAY 12, 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	APR 4	APR 9	APR 14	APR 19	APR 24	APR 29	Uncertainty/ns		
MJD	60769	60774	60779	60784	60789	60794			
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$						U_a	U_b	U_k
BelGIM	-0.6	-0.3	-1.9	0.8	1.8	2.2	3.0	6.2	6.8
BEV	25.3	19.0	13.7	0.8	-4.7	3.7	0.6	6.0	6.0
BFKH	1930.0	1979.1	2027.4	2084.2	2138.7	2197.0	1.4	14.2	14.2
BIM	3710.0	3761.3	3807.3	3851.0	3901.1	3948.7	0.6	5.4	5.4
BMM	3086.0	3113.3	3113.6	3130.4	3162.4	3185.2	0.6	5.8	5.8
BSJ	31.6	28.8	26.5	28.8	26.1	42.0	14.0	14.2	20.0
CENAM	-1.6	-0.9	13.4	5.3	-0.3	-0.6	6.0	8.8	10.6
CENAMAP AIP	2.6	-2.0	1.4	2.2	6.1	-1.1	0.6	11.0	11.0
DEF-NAT	-8670.2	-8751.7	-8848.1	-8990.1	358.0	278.7	1.4	5.4	5.6
DFM	-5.4	-5.8	-7.2	-8.4	-6.6	-7.2	0.6	5.6	5.6
DZM	129.4	-	150.6	158.9	166.8	175.3	0.6	5.4	5.4
EMI	-1259.1	-1410.8	-1557.6	-1705.4	-1854.3	-2007.0	0.6	NC	- (*)
ESA	-0.9	-0.3	0.2	0.6	0.6	1.0	0.6	5.4	5.4
FTMC	902.7	910.3	928.0	931.2	936.5	938.8	0.6	5.4	5.4
GUM	4.8	4.6	4.6	4.1	3.5	2.8	0.6	5.4	5.4
IBMETRO	351.5	-	345.9	348.8	345.4	335.1	8.0	15.2	17.2
ILNAS	-5.9	-10.8	-7.5	-8.1	-8.7	-10.1	0.6	5.4	5.4
IMBIH	-1.2	-3.3	0.1	3.9	0.3	-0.5	0.6	5.8	5.8
INACAL	5.1	8.5	4.3	2.5	1.7	-4.2	10.0	NC	- (*)
INM	-	-	-	-	-	-			
INM(CO)	10.5	11.1	8.5	5.1	4.0	5.3	6.0	NC	- (*)
INMETRO	-3.9	5.8	-8.6	3.9	-2.1	-4.2	0.6	6.6	6.6
INPL	-78.3	-82.6	-89.9	-102.7	-101.0	-103.2	0.6	15.2	15.2
INRIM	1.1	1.1	0.8	0.6	0.4	0.1	0.6	2.0	2.0
INTI	246.2	249.0	253.5	255.1	254.2	248.9	1.4	6.4	6.6
IPE/ASCR	9.2	2.1	-1.8	-15.0	-21.2	-24.9	0.6	6.0	6.0
IPQ	1805.8	1808.0	1823.1	1822.6	1824.4	1823.9	1.4	6.0	6.2

JV	0.3	-0.4	0.1	1.4	3.2	2.3	0.6	9.8	9.8
KazStandard	-1.2	-0.6	-1.0	-2.4	-4.2	-4.2	1.4	8.6	8.8
KRISS	-1.1	-1.3	-1.8	-2.6	-2.9	-2.6	0.6	6.0	6.0
LAMETRO-ICE	-39.0	-31.2	-37.8	-35.4	-38.9	-31.7	0.6	14.2	14.2
LNE-OP	-0.2	-0.5	-0.5	-0.3	-0.2	-0.2	0.6	2.0	2.0
MASM	-1330.9	-1028.7	-909.9	-	-	-	2.0	7.2	7.4
METAS	1.0	1.2	1.1	0.8	0.1	-0.1	0.6	2.0	2.0
MIKES	4.4	5.8	7.8	6.6	4.3	1.4	0.6	5.4	5.4
MIRS/SIQ/Metrology	1006.6	1017.6	1029.1	1029.7	1032.1	1033.1	0.6	8.2	8.2
MSL	26.1	31.2	34.4	28.4	21.8	26.1	1.4	6.0	6.2
NICT	2.0	2.4	2.2	1.3	1.2	1.5	0.6	3.8	3.8
NIM	0.9	0.9	0.9	0.9	1.1	1.3	0.6	3.8	3.8
NIMT	1.8	5.8	9.9	15.6	21.3	30.3	0.6	6.0	6.0
NIS	36.4	38.5	30.4	31.6	30.1	29.0	1.4	14.4	14.4
NIST	-0.5	-0.3	-0.6	-0.8	-0.6	-0.5	0.6	4.0	4.0
NMC, A*STAR	10.3	12.8	2.4	-3.1	-12.3	-11.1	0.6	5.4	5.4
NMIA	20.8	-0.9	-19.6	-18.0	-0.7	8.2	0.6	6.0	6.0
NMIJ AIST	3.8	-12.3	-25.3	-34.0	-33.9	-33.8	0.6	5.8	5.8
NMIM	-239.0	-234.9	-237.5	-239.9	-243.3	-244.9	0.6	5.4	5.4
NMISA	14.8	14.0	8.5	-0.8	-8.6	-14.6	14.0	7.2	15.8
NPL	-1.2	-1.8	-3.5	-0.4	-0.0	-0.7	0.6	2.0	2.0
NPLI	0.6	0.8	0.9	0.7	0.5	0.4	0.6	5.4	5.4
NRC	-0.8	-0.8	-0.8	-0.8	-0.8	-0.5	0.6	5.4	5.4
NSAI NML	11.5	32.2	44.5	33.8	38.8	-6.3	0.6	14.8	14.8
NSC IM	-3.9	0.3	-4.3	3.9	-4.5	2.4	6.0	15.0	16.2
ON/DSHO	0.0	-1.9	-2.2	-0.2	1.3	-2.3	0.6	6.4	6.4
PTB	0.3	0.6	0.7	0.6	0.6	0.8	0.4	2.0	2.0
RISE	1.1	1.4	1.4	1.5	1.6	1.9	0.6	2.0	2.0
ROA	0.2	0.4	1.0	1.1	0.1	0.8	0.6	2.0	2.0
SASO-NMCC	396.3	403.7	416.7	427.4	445.9	-	0.6	7.4	7.4
SCL	11.1	7.5	5.9	-6.6	-14.6	-13.0	0.6	7.4	7.4
SMD	0.3	0.3	0.1	0.0	0.2	0.5	0.6	8.0	8.0
SMU	-188.7	-154.7	-58.8	-128.4	-147.8	-72.1	1.4	NC	- (*)
SNSU-BSN	-727.4	-743.4	-749.5	-753.6	-756.8	-768.3	0.6	NC	- (*)
TL	3.6	3.0	2.3	1.1	1.0	0.9	0.6	3.6	3.6
UME	-5.3	-6.9	-10.6	-	-	-	0.6	8.0	8.0
UzNIM	10.1	4.6	-3.7	-7.0	-5.2	-5.1	0.6	14.2	14.2
VMI-STAMEQ	-9.2	-0.7	15.6	-0.9	5.1	-1.9	1.4	5.8	6.0
VNIIFTRI	-0.3	-0.4	-0.4	-0.5	-0.0	-0.0	1.0	4.2	4.4
VSL	-0.2	0.3	0.6	0.8	1.1	0.9	0.6	2.4	2.4
ZMDM	-37.5	-41.9	-50.7	-45.1	-39.7	-38.7	0.6	14.8	14.8

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