

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
Degrees of equivalence $D_k = [UTC - UTC(k)]$ for May, 2025
Computed 2025 JUNE 13, 13h 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	MAY 4	MAY 9	MAY 14	MAY 19	MAY 24	MAY 29	Uncertainty/ns		
MJD	60799	60804	60809	60814	60819	60824			
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$						U_a	U_b	U_k
BelGIM	2.4	0.5	-0.3	-0.9	-1.1	-0.2	3.0	6.4	7.0
BEV	8.0	8.7	12.5	15.4	17.9	18.2	0.6	6.0	6.0
BFKH	2247.3	2301.6	2339.9	2389.8	2443.7	2492.8	1.4	14.2	14.2
BIM	3999.6	4041.8	4084.7	4125.6	4176.5	4223.1	0.6	5.4	5.4
BMM	3201.5	3221.6	3242.7	3259.1	3273.2	3279.5	0.6	5.8	5.8
BSJ	6.7	36.8	29.2	14.7	21.7	30.0	14.0	14.2	20.0
CENAM	-1.3	0.0	0.7	2.3	4.3	0.9	6.0	8.8	10.6
CENAMAP AIP	-0.1	-1.8	-5.9	-8.0	-2.1	3.2	0.6	11.0	11.0
DEF-NAT	213.6	154.0	102.3	48.0	-9.0	-77.8	1.4	5.4	5.6
DFM	-8.5	-9.5	-10.3	-5.6	-6.2	-7.5	0.6	5.6	5.6
DZM	179.6	188.9	193.6	199.3	203.1	208.1	0.6	5.4	5.4
EMI	-2156.6	-2302.3	-2451.9	-2605.6	-2758.8	-2902.9	0.6	NC	- (*)
ESA	0.4	0.2	-0.8	0.0	0.4	0.3	0.6	5.4	5.4
FTMC	939.7	943.2	953.7	957.9	950.1	961.5	0.6	5.4	5.4
GUM	2.0	1.0	0.5	-0.1	-0.0	-0.1	0.6	5.4	5.4
IBMETRO	352.3	341.3	338.0	-	344.1	337.2	8.0	15.2	17.2
ILNAS	0.3	5.1	12.4	7.3	7.1	5.8	0.6	5.4	5.4
IMBIH	2.1	-0.4	1.5	-0.4	-0.2	1.6	0.6	5.8	5.8
INACAL	-29.5	-35.7	-13.9	-3.6	-20.7	-2.4	10.0	NC	- (*)
INM	-	-	-	-	-	-			
INM(CO)	15.4	18.6	24.3	17.5	16.6	16.5	6.0	NC	- (*)
INMETRO	0.8	4.3	1.4	-0.9	-4.3	13.8	0.6	6.6	6.6
INPL	-100.2	-107.8	-106.8	-117.3	-127.0	-127.5	0.6	15.2	15.2
INRIM	-0.3	-0.6	-0.6	-0.8	-0.8	-0.9	0.6	2.2	2.2
INTI	247.6	236.6	239.9	234.9	227.2	234.7	1.4	6.6	6.8
IPE/ASCR	-23.6	-24.7	-20.0	-18.2	-17.2	-11.1	0.6	6.0	6.0
IPQ	1804.6	1805.1	1793.6	1795.9	1788.9	1790.0	1.4	6.0	6.2

JV	1.5	1.1	0.7	1.1	1.8	0.9	0.6	9.8	9.8
KazStandard	-3.7	-2.7	-3.1	-1.7	-2.3	-2.4	1.4	8.6	8.8
KRISS	-2.6	-1.9	-1.9	-2.6	-2.4	-1.0	0.6	6.0	6.0
LAMETRO-ICE	-34.8	-55.5	-58.6	-51.9	-52.1	-28.6	0.6	14.2	14.2
LNE-OP	0.0	-0.1	-0.3	-0.7	-0.7	-1.0	0.6	2.2	2.2
MASM	-	-	-	-	-	-			
METAS	-0.4	-0.8	-1.2	-0.9	-0.5	-0.3	0.6	2.2	2.2
MIKES	-1.3	-4.0	-7.8	-10.6	-11.6	-13.6	0.6	5.4	5.4
MIRS/SIQ/Metrology	1047.9	1055.0	1065.5	1090.3	1092.7	1111.8	0.6	8.2	8.2
MSL	25.8	31.5	36.5	33.1	43.7	34.0	1.4	6.0	6.2
NICT	1.2	0.9	1.1	0.8	1.1	0.9	0.6	3.8	3.8
NIM	1.2	1.6	1.7	1.5	1.3	1.1	0.4	3.8	3.8
NIMT	28.9	30.7	27.6	30.7	28.3	15.3	0.6	6.0	6.0
NIS	22.7	21.1	10.0	-10.4	-26.1	-33.0	1.4	14.4	14.4
NIST	-0.1	0.4	0.7	0.3	-0.0	-0.8	0.6	4.0	4.0
NMC, A*STAR	-2.6	1.3	4.7	10.8	4.5	3.1	0.6	5.4	5.4
NMIA	26.6	27.3	2.8	-12.5	-24.0	-12.3	0.6	6.0	6.0
NMIJ AIST	-23.3	-10.4	3.0	6.5	5.7	2.9	0.6	5.8	5.8
NMIM	-250.8	-256.6	-258.7	-268.3	-277.3	-276.9	0.6	5.4	5.4
NMISA	-16.9	-13.3	-6.5	-1.1	1.9	5.1	14.0	7.2	15.8
NPL	-1.0	1.2	-0.9	0.4	0.7	0.1	1.0	2.2	2.4
NPLI	0.0	-0.5	-0.4	-0.5	-0.5	-1.0	0.6	5.4	5.4
NRC	-0.4	0.0	0.3	-3.3	-3.1	-2.4	0.6	5.4	5.4
NSAI NML	57.5	47.0	23.4	24.6	24.9	11.0	0.6	14.8	14.8
NSC IM	-10.1	-3.1	-3.5	1.7	-2.6	-3.2	6.0	15.0	16.2
ON/DSHO	0.6	-1.3	-2.8	-7.7	-0.9	-1.3	0.6	6.4	6.4
PTB	0.8	0.7	0.9	0.8	0.7	0.4	0.4	2.2	2.2
RISE	1.8	1.7	1.5	1.3	1.2	0.7	0.6	2.2	2.2
ROA	0.7	1.4	1.2	1.8	0.9	-0.4	0.6	2.2	2.2
SASO-NMCC	-	-	-	-	-	-			
SCL	-12.1	-14.4	-8.2	-2.6	-3.1	-0.2	0.6	7.4	7.4
SMD	0.7	0.9	1.1	0.8	0.6	-0.0	0.6	8.0	8.0
SMU	-136.3	-36.4	-12.1	195.1	164.6	136.0	3.0	12.4	12.8
SNSU-BSN	-774.4	-788.3	-784.1	-788.1	-794.9	-812.4	0.6	NC	- (*)
TL	1.3	2.1	2.0	1.5	1.7	1.4	0.6	3.8	3.8
UME	-24.7	-27.2	-31.6	-35.7	-40.5	-44.3	0.6	8.0	8.0
UzNIM	-5.8	-7.4	-8.8	-1.8	1.6	0.6	0.6	14.2	14.2
VMI-STAMEQ	-4.2	-3.9	5.3	13.9	17.5	8.2	1.4	5.8	6.0
VNIFTRI	0.0	0.0	-0.0	0.1	-0.2	0.1	1.0	4.4	4.6
VSL	0.6	0.2	-0.0	-0.1	0.3	0.2	0.6	2.4	2.4
ZMDM	-29.9	-	-13.3	-8.3	-4.2	13.7	0.6	15.0	15.0

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