

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
Degrees of equivalence $D_k = [UTC - UTC(k)]$ for November 2025
Computed 2025 DECEMBER 10, 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	NOV 5	NOV 10	NOV 15	NOV 20	NOV 25	NOV 30	Uncertainty/ns		
MJD	60984	60989	60994	60999	61004	61009			
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$						U_a	U_b	U_k
AzMI	313.5	323.6	338.5	360.8	378.3	390.1	0.4	14.2	14.2
BelGIM	-1.4	-1.1	-0.5	-0.3	0.1	-0.6	3.0	6.6	7.2
BEV	26.3	21.5	11.2	3.8	-0.9	-5.4	0.4	6.2	6.2
BFKH	4061.5	4114.0	4157.6	4205.3	4263.2	4309.5	3.0	14.6	14.8
BIM	5680.5	5730.1	5780.0	5824.0	5872.1	5915.3	0.4	5.6	5.6
BMM	3923.6	3927.2	3951.5	3973.8	3984.3	4010.3	0.4	6.0	6.0
BSJ	10.2	11.0	10.4	11.8	36.4	12.2	14.0	14.2	20.0
CENAM	-4.0	-2.6	-1.1	-0.9	1.1	-1.4	6.0	9.0	10.8
CENAMAP AIP	-0.1	-1.0	5.4	2.9	-7.9	-7.8	0.4	11.2	11.2
DEF-NAT	-2043.7	-2109.8	-2167.9	-2222.9	-2278.6	-2331.1	1.4	5.6	5.8
DFM	-10.3	-12.1	-13.7	-7.9	-9.5	-10.8	0.4	5.8	5.8
DZM	249.1	245.2	239.9	243.0	236.7	246.7	0.4	5.6	5.6
EMI	-7559.1	-7698.2	-	172.9	-163.5	-	0.4	5.6	5.6
ESA	-0.9	-1.3	-1.1	-0.9	-2.1	0.0	0.4	5.6	5.6
FTMC	1177.5	1178.8	1206.5	1226.3	1239.2	1255.7	0.4	5.6	5.6
GUM	3.1	2.1	1.3	0.4	-0.7	-1.5	0.4	5.6	5.6
IBMETRO	170.2	172.4	194.0	172.5	149.9	144.9	8.0	15.4	17.4
ILNAS	-37.1	-33.6	-27.3	-18.1	-17.2	-14.9	1.0	5.6	5.6
IMBIH	-1.8	5.3	-0.4	2.4	-2.4	2.4	0.4	6.0	6.0
INACAL	-169.3	-143.5	-148.7	-148.3	-161.8	-162.3	10.0	8.2	13.0
INM	-	-	-	-	-	-			
INM(CO)	-32.6	-13.5	-6.0	9.2	-36.0	-49.3	6.0	8.2	10.2
INMETRO	-0.9	-7.9	8.5	21.0	14.0	3.4	1.4	6.8	7.0
INPL	-218.3	-227.0	-234.4	-239.5	-250.0	-261.5	0.4	15.4	15.4
INRIM	2.1	2.0	2.3	2.3	2.2	2.2	0.4	2.2	2.2
INTI	-116.9	-120.9	-120.7	-123.3	-112.1	-116.6	0.4	6.6	6.6
IPE/ASCR	15.4	16.0	17.3	25.9	29.3	19.7	0.4	6.2	6.2

IPQ	1252.7	1021.9	793.2	547.2	-	-	1.0	6.2	6.2
JV	1.2	0.4	1.2	1.5	0.7	-0.1	0.4	9.8	9.8
KazStandard	-2.9	-3.1	-2.9	-2.7	-1.9	-0.4	1.4	8.8	9.0
KRISS	2.3	1.4	1.6	2.4	2.7	3.0	0.4	6.2	6.2
LAMETRO-ICE	33.0	28.0	39.8	43.4	31.3	23.7	0.4	14.2	14.2
LNE-OP	0.4	0.6	0.7	0.1	0.4	0.2	0.4	2.2	2.2
MASM	-	-	-	-	-	-			
METAS	-0.9	-1.2	-1.2	-0.9	-0.1	0.5	0.4	2.2	2.2
MIKES	-1.7	-1.1	-1.8	-2.7	-3.8	-4.9	0.4	5.6	5.6
MIRS/SIQ/Metrology	1602.1	1615.3	1613.7	1607.9	1604.8	1601.1	0.4	8.4	8.4
MSL	-28.7	-20.6	-3.1	-13.0	-11.0	-14.9	1.4	6.2	6.4
NICT	3.2	3.1	2.6	2.2	1.4	1.1	0.4	4.2	4.2
NIM	-0.7	-0.8	-0.5	-0.8	-0.8	-0.8	0.4	4.2	4.2
NIMT	-2.3	-6.3	5.3	15.8	18.3	13.4	1.4	6.2	6.4
NIS	31.1	23.6	19.9	10.0	-15.5	-37.3	1.4	14.6	14.6
NIST	0.7	0.6	0.3	-0.0	-0.5	-0.4	0.4	4.0	4.0
NMC, A*STAR	-1.0	-7.8	-1.1	3.8	-6.8	-0.8	0.4	5.6	5.6
NMIA	-3.0	9.9	-0.9	0.7	6.8	10.8	0.4	6.2	6.2
NMIJ AIST	6.8	5.4	4.3	3.5	2.2	1.1	0.4	6.0	6.0
NMIM	-243.0	-222.2	-194.2	-160.0	-137.1	-101.9	0.4	5.6	5.6
NMISA	-2.3	-6.0	-7.8	-6.0	-4.6	-7.0	14.0	7.4	15.8
NPL	1.8	2.0	0.9	1.7	0.9	0.2	0.4	2.2	2.2
NPLI	0.1	-0.5	-0.7	-0.8	-1.2	-1.1	0.4	5.6	5.6
NRC	4.4	4.3	3.8	3.0	2.3	1.6	0.4	5.6	5.6
NSAI NML	-12.5	94.6	29.9	-136.1	-76.8	16.4	0.4	14.8	14.8
NSC IM	-	-10.6	-9.5	-20.5	3.5	-8.8	6.0	15.0	16.2
ON/DSHO	-0.8	-0.6	0.4	-1.7	1.1	-2.8	0.4	6.6	6.6
PTB	-0.0	0.1	0.2	-0.0	-0.3	-0.4	0.4	2.2	2.2
RISE	-1.6	-2.0	-1.5	-0.6	-0.4	-0.2	0.4	2.2	2.2
ROA	0.8	1.1	0.5	-0.5	0.5	1.6	0.4	2.2	2.2
SASO-NMCC	966.5	963.1	953.9	943.9	931.2	932.0	2.0	7.6	7.8
SCL	4.8	1.9	3.4	6.0	2.9	-3.7	0.4	7.6	7.6
SMD	3.0	2.6	2.3	1.9	1.3	0.8	0.4	9.0	9.0
SMU	351.6	367.4	392.8	432.4	492.7	440.7	3.0	12.4	12.8
SNSU-BSN	3161.9	3308.6	3464.0	3618.1	3780.7	3927.1	0.4	NC	- (*)
TL	-0.8	-1.0	-0.6	-0.7	-0.6	-0.8	0.4	4.0	4.0
UME	-536.5	-471.7	-406.8	-340.7	-277.1	-212.3	0.4	8.2	8.2
UzNIM	82.7	81.2	88.1	91.2	92.1	94.3	0.4	14.4	14.4
VMI-STAMEQ	-1.1	-16.3	-35.7	-53.0	-57.9	-50.8	1.4	6.0	6.2
VNIIFTRI	1.6	1.6	1.6	1.6	1.7	1.6	0.4	5.0	5.0
VSL	-1.1	-1.9	-2.3	-2.9	-3.5	-3.7	0.4	2.4	2.4

ZMDM	0.3	-15.6	-13.1	-20.4	-38.5	-43.1	0.4	15.0	15.0
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(*) U_a expanded uncertainty guarantees only the traceability in frequency