

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
 Degrees of equivalence $D_k = [UTC - UTC(k)]$ for November 2022
 Computed 2022 DECEMBER 09, 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 2022 0h UTC	NOV 1	NOV 6	NOV 11	NOV 16	NOV 21	NOV 26	Uncertainty/ns
MJD	59884	59889	59894	59899	59904	59909	
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$						U_k
BelGIM	-0.9	-2.3	-3.1	-3.6	-2.0	-0.1	6.6
BEV	12.1	14.2	17.8	38.2	46.8	48.6	5.6
BFKH	6037.3	-	6099.4	6134.9	6179.2	6218.9	40.2
BIM	16892.2	16941.4	16949.7	16983.7	16986.7	17002.2	14.6
BMM	-	-	-	-	-	-	
BOM	-	-	-	-	-	-	
CENAM	2.9	0.9	0.4	-1.5	-0.8	-0.2	8.8
CENAMAP AIP	-3.7	-4.3	2.9	-1.3	2.4	-3.5	10.6
DEF-NAT	5943.3	6035.1	6132.3	6226.4	6321.0	6423.4	40.0
DFM	-14.9	-1.3	-3.9	-5.2	-6.9	-5.7	5.6
DMDM	-	-	-	-	-	-	
EIM	-	-	-	-	-	-	
EMI	18.2	14.0	21.8	14.8	14.3	18.2	17.6
ESA	-1.8	-1.6	-1.7	-1.1	-0.5	-0.1	5.6
FTMC	612.9	617.8	641.8	643.6	655.4	660.7	6.6
GUM	-1.2	-1.0	-0.8	-0.6	-0.6	-0.3	5.8
ILNAS	-10.9	-11.5	-7.1	-8.9	-7.8	-5.2	5.6
IMBIH	-1.1	-3.2	1.3	-0.5	-2.4	0.7	5.6
INACAL	-156.8	-34.8	168.9	381.9	-	-68.3	41.2
INM	164.7	154.3	138.3	127.1	106.3	87.0	15.6
INM(CO)	126.6	142.0	152.3	162.7	165.3	178.0	40.2
INMETRO	-21.0	-27.5	-29.3	-30.7	-30.9	-24.5	6.0
INPL	14.3	8.8	3.9	-9.7	-6.6	-8.2	15.0
INRIM	-2.0	-1.1	2.3	1.6	1.2	0.6	4.0
INTI	194.7	212.4	211.4	212.4	224.5	232.4	6.4
IPE/ASCR	22.4	25.2	29.4	30.4	28.6	31.3	5.6

IPQ	698.0	705.1	703.2	704.8	706.9	705.5	5.6
JV	0.7	2.2	3.1	3.8	5.2	5.7	9.2
KazStandart	3.3	3.7	3.4	2.0	0.3	1.5	8.6
KRISS	-0.8	-1.2	-2.0	-1.4	-0.8	0.0	7.0
LAMETRO-ICE	-14.2	-0.4	-14.0	-10.4	-9.8	31.2	16.2
LNE-SYRTE	-0.4	-0.5	-0.4	-0.4	-0.3	-0.5	3.2
MASM	-635.9	-640.8	-641.2	-633.4	-627.4	-626.4	6.6
METAS	1.5	0.7	1.0	0.5	-0.8	-2.0	3.6
MIKES	-3.4	-4.0	-4.5	-4.8	-4.8	-5.0	5.8
MIRS/SIQ/Metrology	-26.9	-16.6	-23.8	-22.8	-23.6	-5.6	7.6
MSL	15.0	14.3	20.6	36.8	39.5	37.0	14.4
MUSSD	-	-	-	-	-	36.5	6.4
NICT	-8.2	-6.0	-4.5	-3.5	-2.1	-0.1	3.8
NIM	0.2	0.3	0.3	0.9	1.0	1.3	4.6
NIMT	19.3	12.5	11.2	18.0	2.8	11.2	14.4
NIS	70.5	72.3	75.8	69.2	58.1	51.7	14.2
NIST	1.7	2.3	2.4	1.2	0.2	-0.7	5.4
NMC, A*STAR	-7.5	-1.4	1.0	0.3	3.3	8.3	6.4
NMIA	-556.8	-566.7	-552.4	-548.1	-554.9	-554.5	22.4
NMIJ AIST	0.7	0.3	1.2	1.2	1.8	3.1	7.4
NMIM	63.8	-0.3	-68.1	-145.3	-213.6	-280.9	7.4
NMISA	-4.7	-8.8	-7.9	-5.6	-1.5	4.0	6.6
NPL	0.7	0.6	0.2	0.3	0.0	-0.5	3.6
NPLI	-0.4	0.0	0.4	1.0	1.5	1.9	6.4
NRC	-21.0	-20.0	-20.5	-19.5	-19.3	-19.0	6.8
NSAI NML	122.3	7.8	6.1	-2.2	-4.0	-1.1	14.4
NSC IM	30.6	10.3	-18.5	-	-	-36.6	14.8
ON/DSHO	-0.5	-1.5	2.8	0.2	-0.5	4.2	6.0
PTB	-1.5	-1.5	-1.3	-1.2	-1.1	-0.8	2.0
RISE	-0.6	-0.5	-0.5	-0.4	0.0	-0.4	3.6
ROA	-3.3	-3.0	-3.0	-2.3	-2.1	-1.3	3.6
SASO-NMCC	-167.2	-181.4	-196.1	-217.2	-236.4	-256.8	6.8
SCL	12.3	8.3	6.7	15.0	-	35.2	6.8
SMD	-2.4	-1.1	-0.6	0.1	0.6	1.0	7.0
SMU	245.2	276.0	271.7	289.3	289.2	283.6	31.6
SNSU-BSN	573.1	589.2	598.0	618.4	637.1	669.8	6.4
TL	-0.7	0.1	0.9	1.9	1.8	1.9	4.2
UME	-3.0	-0.4	-2.5	-2.0	-0.1	-1.6	7.4
VMI-STAMEQ	26.1	41.5	45.6	47.2	29.2	18.9	5.8
VNIFTRI	-0.6	-0.2	0.2	0.3	0.6	0.8	4.4
VSL	3.0	7.1	6.3	4.4	-0.1	-1.0	3.4