

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
 Degrees of equivalence $D_k = [UTC - UTC(k)]$ for December 2023
 Computed 2024 JANUARY 11, 16h 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 2023 0h UTC MJD	DEC 1 60279	DEC 6 60284	DEC 11 60289	DEC 16 60294	DEC 21 60299	DEC 26 60304	DEC 31 60309	Uncertainty/ns
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$							U_k
BelGIM	-3.6	-2.9	-2.0	-0.1	1.9	3.3	3.5	6.8
BEV	17.4	-10.0	-38.6	-27.2	-19.8	-27.4	-29.4	5.8
BFKH	-	9152.1	-	9232.8	9276.5	9317.5	9357.7	40.2
BIM	18547.8	18572.2	18599.2	18616.0	18644.5	18650.4	18664.7	5.8
BMM	723.0	764.3	798.6	824.3	852.6	872.7	899.8	40.0
CENAM	-6.7	-7.6	-5.4	-3.2	-2.3	-6.1	-2.9	9.4
CENAMAP AIP	7.3	4.2	1.1	4.3	5.5	9.3	3.1	11.0
DEF-NAT	1183.5	1285.6	-	111.4	18.7	-76.1	-168.8	40.0
DFM	-6.6	-6.3	-7.2	-7.6	-4.1	-5.4	-5.8	5.8
DMDM	-1.5	3.8	4.0	8.6	13.2	8.2	-1.7	7.8
EMI	18.7	15.9	1.5	6.7	29.6	25.0	19.6	22.0
ESA	-0.9	-0.9	-0.4	0.0	0.4	0.3	0.2	5.8
FTMC	83.2	101.2	105.9	121.5	150.1	147.2	147.7	14.2
GUM	-1.7	-1.5	-1.3	-1.7	-1.3	-0.8	-1.3	6.0
IBMETRO	212.9	222.1	228.5	224.0	216.4	228.2	219.2	17.0
ILNAS	9.7	5.1	7.1	19.3	17.0	11.5	2.2	5.8
IMBIH	-0.5	-0.5	-0.5	1.3	1.4	0.7	-0.2	5.8
INACAL	602.1	535.4	108.1	222.4	152.7	252.6	366.1	41.2
INM	-25.9	-39.0	-61.0	-83.6	-94.9	-111.6	-133.4	15.4
INM(CO)	-135.7	-137.1	-139.5	-129.2	-129.9	-127.4	-141.7	40.4
INMETRO	-1.8	3.9	1.1	2.0	1.0	6.8	-4.2	6.2
INPL	-32.6	-38.0	-37.6	-44.5	-54.5	-68.4	-63.8	15.2
INRIM	0.6	0.7	0.4	-0.2	-0.3	-0.6	-0.7	4.2
INTI	273.8	259.5	255.2	257.2	253.7	259.3	262.2	6.6
IPE/ASCR	-14.6	-22.7	-31.2	-27.0	-24.5	-24.7	-18.4	5.8
IPQ	1029.4	1030.9	1033.6	-	1045.0	1052.7	1050.5	5.8

JV	-0.1	-0.4	-1.0	-1.0	0.0	0.0	-0.2	9.4
KazStandard	3.0	2.0	-0.8	-1.9	-2.8	-2.4	-1.3	8.6
KRISS	1.5	0.3	0.5	1.3	1.4	1.5	1.7	5.8
LAMETRO-ICE	7.4	11.5	10.9	19.7	23.2	7.6	8.4	16.2
LNE-SYRTE	2.3	2.4	2.6	1.5	1.4	0.8	0.3	3.4
MASM	-	-	-	-	-	-	-	-
METAS	-3.8	-5.2	-5.0	-3.6	-0.7	-1.5	-8.2	3.6
MIKES	-8.2	-9.1	-10.0	-10.0	-9.3	-8.4	-7.6	5.8
MIRS/SIQ/Metrology	180.7	188.4	197.4	206.0	207.0	209.0	208.5	8.0
MSL	27.8	27.6	11.3	4.1	4.2	4.2	1.5	6.0
NICT	0.6	0.7	1.1	1.6	1.6	1.1	0.3	4.2
NIM	0.9	1.1	1.4	1.6	1.4	1.5	2.2	4.6
NIMT	16.2	-0.3	1.1	-1.6	7.0	0.7	4.3	5.8
NIS	0.0	-0.4	1.9	-4.9	-1.0	0.2	6.2	14.2
NIST	0.0	1.3	1.2	0.0	-1.0	-0.9	-0.8	5.4
NMC, A*STAR	-2.6	-9.4	-14.9	-16.7	-15.6	-20.5	-1.9	6.8
NMIA	-442.9	-454.8	-433.2	-433.0	-435.7	-428.8	-421.3	5.8
NMIJ AIST	6.6	6.8	6.0	4.8	3.5	2.0	0.7	5.8
NMIM	-34.4	-11.9	15.7	37.2	54.9	74.2	93.8	5.8
NMISA	4.9	10.7	7.3	1.8	-4.1	-6.0	-4.3	7.2
NPL	0.4	-1.2	-2.3	-2.0	-2.4	-2.2	-2.4	3.6
NPLI	-0.3	-0.5	-0.2	-0.3	-0.3	-0.2	-0.1	6.6
NRC	3.9	2.7	0.8	-1.0	-0.5	0.4	0.3	7.2
NSAI NML	87.7	94.1	97.9	114.4	116.3	122.6	120.6	14.4
NSC IM	-4.3	-2.4	-9.3	-7.4	-8.9	-5.4	-7.6	15.8
ON/DSHO	3.3	2.4	-4.9	0.7	5.5	3.1	0.2	6.4
PTB	-0.5	-0.4	-0.2	-0.3	0.0	-0.1	-0.1	1.6
RISE	0.7	-0.2	-0.3	-0.6	-0.6	-0.9	-1.3	3.8
ROA	-1.7	-2.1	-2.1	-2.5	-3.3	-3.5	-2.7	3.6
SASO-NMCC	65.5	58.4	52.6	46.6	47.6	44.6	39.6	7.4
SCL	51.9	53.9	47.7	54.1	65.8	59.6	62.5	7.0
SMD	1.0	1.1	1.3	1.5	1.8	1.7	1.7	7.2
SMU	357.0	350.2	351.5	344.6	-	285.9	266.7	27.2
SNSU-BSN	1711.7	1731.8	1748.3	1724.2	1726.8	1729.4	1754.9	6.8
TL	0.9	-0.1	0.3	0.3	-0.4	-0.7	-1.4	4.4
UME	0.6	-0.4	-0.7	-0.6	-0.4	-0.9	-1.9	7.8
UTE	-	-	-	-	-	-	-	-
UzNIM	-280.0	-272.7	-255.8	-246.0	-232.0	-219.6	-206.6	14.2
VMI-STAMEQ	-2.9	2.8	4.0	-7.0	-10.8	-5.4	-3.8	6.4
VNIIFTRI	0.4	0.4	0.6	0.8	1.1	1.0	1.0	3.6
VSL	-11.1	-6.8	-4.4	-3.5	-2.1	-1.9	-1.7	3.8