

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
 Degrees of equivalence $D_k = [UTC - UTC(k)]$ for July 2023
 Computed 2023 AUGUST 09, 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 2023 0h UTC	JUL 4	JUL 9	JUL 14	JUL 19	JUL 24	JUL 29	Uncertainty/ns
MJD	60129	60134	60139	60144	60149	60154	
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$						U_k
BelGIM	-0.9	-0.7	-0.6	-0.5	-1.4	-1.2	6.6
BEV	-23.5	-7.7	4.2	16.7	26.4	28.6	5.6
BFKH	7824.1	7862.6	7907.0	7942.9	7982.0	8036.7	40.2
BIM	18200.6	18216.1	18249.9	18270.5	18287.1	18301.3	14.6
BMM	2927.4	2944.5	3035.1	3057.4	3081.9	3117.1	40.0
CENAM	3.5	-1.2	0.6	0.4	0.4	-1.5	8.8
CENAMAP AIP	10.3	5.7	2.6	4.1	10.6	-0.1	10.8
DEF-NAT	10749.2	10848.0	-	298.2	401.3	496.6	40.0
DFM	-2.6	-3.6	-3.5	-2.3	-2.8	-3.0	5.6
DMDM	-27.7	-16.9	-5.1	9.7	-	-16.3	7.6
EMI	11.6	23.1	25.9	28.7	26.8	20.5	22.0
ESA	-0.2	-0.4	-0.6	0.4	1.6	1.5	5.6
FTMC	-	-	-	-	-	-	
GUM	1.1	0.3	0.1	0.2	0.0	0.0	5.8
IBMETRO	116.7	111.6	111.4	119.4	98.5	110.4	17.0
ILNAS	22.1	22.3	13.7	11.5	3.3	-4.5	5.6
IMBIH	-0.9	-0.1	-0.4	0.3	0.0	0.0	5.6
INACAL	-	-	2238.3	2095.7	-	1835.0	41.2
INM	118.0	116.6	117.8	118.5	120.4	122.5	15.6
INM(CO)	-152.6	-153.1	-148.3	-141.1	-133.5	-123.5	40.4
INMETRO	-9.2	-8.5	-1.6	6.5	4.3	6.0	6.0
INPL	-3.8	-5.2	0.2	0.0	1.2	4.2	15.0
INRIM	-1.1	-1.3	-0.2	1.1	2.0	2.0	3.8
INTI	260.7	263.5	279.6	285.2	272.2	274.1	6.4
IPE/ASCR	12.5	13.0	13.6	15.2	29.4	24.7	5.6
IPQ	839.6	-	-	857.5	858.6	-	5.6

JV	2.2	2.0	1.7	1.2	1.1	1.9	9.2
KazStandart	-0.1	0.0	-0.1	4.9	6.5	7.4	8.6
KRISS	5.7	6.1	6.5	6.1	5.9	5.0	5.6
LAMETRO-ICE	174.4	151.8	123.5	123.0	127.9	77.5	16.2
LNE-SYRTE	0.9	0.3	-0.5	-1.3	-2.2	-2.7	3.2
MASM	-1923.8	-1963.6	-2007.2	-2056.7	-2107.0	-2153.6	6.6
METAS	0.6	0.2	0.9	1.7	1.4	1.6	3.6
MIKES	-1.4	-0.4	0.9	1.7	2.6	3.3	6.2
MIRS/SIQ/Metrology	31.2	28.6	23.9	18.0	14.6	24.1	7.8
MSL	35.9	39.7	56.2	62.9	58.3	64.0	5.8
MUSSD	-	-	-	-	-	-	-
NICT	0.1	0.4	0.8	-0.6	-0.6	-0.8	4.0
NIM	-1.6	-1.4	-1.0	-1.3	-1.2	-1.5	4.2
NIMT	13.2	13.1	12.2	14.5	7.1	9.7	5.6
NIS	-0.3	-6.6	-2.8	1.3	0.2	7.7	14.2
NIST	-0.2	0.2	0.8	0.8	0.8	0.6	5.4
NMC, A*STAR	-4.7	-2.0	5.1	11.2	11.7	10.9	6.6
NMIA	-434.2	-441.4	-449.1	-441.5	-445.0	-439.3	5.6
NMIJ AIST	18.0	14.2	10.6	7.1	4.0	1.6	5.6
NMIM	-810.1	-820.7	-830.2	-835.9	-846.1	-849.6	4.0
NMISA	-6.0	-0.1	-1.3	-2.1	-1.9	-1.9	6.8
NPL	-0.4	-0.6	-1.1	0.0	0.2	0.2	3.6
NPLI	0.7	1.2	1.2	1.6	1.9	2.1	6.4
NRC	3.5	4.3	4.5	2.5	1.6	1.7	6.8
NSAI NML	47.8	47.3	49.7	51.9	45.1	36.5	14.4
NSC IM	9.5	-13.4	-	-4.4	-10.4	-3.8	15.0
ON/DSHO	5.6	3.8	2.7	4.7	4.7	2.4	6.2
PTB	-0.1	-0.1	0.2	0.2	0.2	0.0	1.4
RISE	1.4	1.0	0.7	0.3	-0.1	-0.5	3.6
ROA	-1.5	-1.8	-2.1	-2.2	-2.0	-0.4	3.6
SASO-NMCC	-238.4	-213.8	-195.4	-181.7	-165.5	-145.2	7.0
SCL	32.8	39.7	48.1	51.1	53.2	59.2	6.8
SMD	-1.7	-1.9	-1.8	-1.8	-1.0	-0.7	7.4
SMU	155.6	180.6	145.0	129.6	190.6	244.5	27.2
SNSU-BSN	1555.3	1571.3	1605.1	1639.6	1668.7	1682.1	6.6
TL	2.1	2.3	2.3	1.5	1.4	0.7	4.2
UME	-0.2	1.2	-0.6	-0.6	-0.7	-0.2	7.4
UTE	2.8	2.9	-6.0	0.5	3.6	3.7	16.4
VMI-STAMEQ	-6.8	-5.8	4.5	1.2	8.9	21.5	6.2
VNIIFTRI	-2.0	-2.2	-2.0	-1.9	-2.0	-2.0	3.4
VSL	13.2	10.1	7.0	2.1	1.5	6.1	3.6