

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
 Degrees of equivalence $D_k = [UTC - UTC(k)]$ for November 2021
 Computed 2021 DECEMBER 10, 10h 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 2021 0h UTC MJD	NOV 1 59519	NOV 6 59524	NOV 11 59529	NOV 16 59534	NOV 21 59539	NOV 26 59544	Uncertainty/ns
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$						U_k
BelGIM	-2.3	-2.5	-2.3	-1.9	-1.5	-1.7	24.4
BEV	-34.8	-32.4	-25.1	-18.1	-3.3	-10.1	6.8
BFKH	3635.4	3654.6	3682.3	3715.0	3748.1	3780.2	40.2
BIM	15309.5	15353.1	15386.8	15415.8	15456.8	15449.0	14.4
BMM	376.5	381.6	377.7	386.3	378.2	377.0	40.0
BOM	-	-	-	-	-	-101.3	25.0
CENAM	-0.7	-5.0	-3.4	-4.9	-4.0	2.9	8.4
CENAMAP AIP	-4.1	-1.3	3.6	9.5	6.3	-0.5	10.4
DEF-NAT	1740.6	1827.5	1925.4	2003.2	2107.6	2195.2	40.0
DMDM	-6.5	-8.0	-4.0	4.5	3.3	3.2	7.0
EIM	-2.3	3.2	6.8	5.8	1.6	5.9	23.8
EMI	13.2	13.9	19.3	9.8	10.2	13.8	40.8
ESA	1.3	1.6	1.0	0.8	0.9	0.7	5.4
FTMC	595.9	591.9	624.0	638.8	630.5	630.3	6.0
GUM	-1.5	-4.1	-7.3	-9.7	-9.1	-7.5	6.4
ILNAS	-5.3	-4.5	-5.8	-4.0	-4.9	-6.1	5.4
IMBIH	0.0	0.3	1.8	0.1	-1.7	0.3	6.0
INACAL	700.7	10.9	-10.7	86.9	196.8	326.4	41.2
INM	529.3	546.7	567.8	586.3	596.7	612.3	15.2
INM(CO)	124.7	126.6	155.4	178.6	190.9	214.7	40.2
INMETRO	59.7	56.9	44.7	5.1	-6.2	-29.9	5.4
INPL	-78.1	-82.2	-91.1	-91.9	-86.6	-78.0	14.6
INRIM	1.5	1.0	1.1	1.1	1.3	1.6	3.6
INTI	10.3	27.9	-5.6	27.0	15.3	-9.9	41.2
IPE/ASCR	7.1	4.8	4.6	17.0	23.7	26.1	5.2
IPQ	436.9	437.4	442.2	444.7	451.5	460.6	5.4

JV	-79.3	-76.0	-71.7	-85.0	-86.8	-73.8	8.8
KazStandard	24.2	27.0	30.8	44.8	47.4	45.2	40.0
KRISS	9.4	8.3	7.9	8.3	9.0	9.5	6.6
LACOMET	6.7	13.6	24.1	17.0	15.4	11.4	15.4
LATMB	-584.4	-589.4	-589.6	-593.2	-589.8	-593.9	24.6
LNE-SYRTE	1.4	1.0	1.0	0.9	0.6	0.2	2.8
MASM	-329.9	-325.2	-325.5	-324.3	-316.9	-326.0	6.0
METAS	-2.6	-2.0	-1.1	0.3	1.5	1.3	3.2
MIKES	2.6	2.9	2.9	2.7	2.6	2.5	5.6
MIRS/SIQ/Metrology	3629.7	3741.5	3888.3	3984.1	4105.7	4232.3	7.4
MSL	25.6	22.0	18.2	23.9	36.2	34.3	40.2
MUSSD	9.5	-	-	-	-	23.5	5.8
NICT	-3.1	-3.5	-3.6	-1.9	3.6	2.6	3.6
NIM	2.1	1.9	2.3	2.2	2.1	1.4	3.8
NIMT	-26.3	-18.7	-14.2	-11.0	-4.1	1.0	40.0
NIS	368.3	355.5	323.5	294.4	106.5	81.4	40.0
NIST	-0.4	-0.8	-0.8	-0.1	0.0	0.1	4.6
NMC, A*STAR	-3.3	5.0	6.4	6.9	10.4	2.6	5.8
NMIA	-559.2	-558.4	-562.5	-582.0	-580.0	-567.8	22.4
NMIJ AIST	2.0	-0.8	-5.2	-6.4	-8.0	-8.9	7.0
NMIM	-1788.8	-1832.7	-1902.8	-1828.9	-1751.0	-1662.1	7.6
NMISA	3.1	4.7	6.1	8.4	5.5	-1.0	6.0
NPL	1.9	2.3	-0.5	1.0	0.0	0.1	3.4
NPLI	1.2	1.6	2.2	2.7	3.2	3.6	6.0
NRC	-0.5	-0.4	-0.3	-0.3	0.0	0.3	6.4
NSAI NML	-291.4	-289.2	-287.7	-290.1	-281.6	-285.7	14.4
NSC IM	-9.9	-10.4	-13.1	-12.7	-12.6	-12.2	15.6
ON/DSHO	4.2	1.8	1.9	0.0	1.3	0.4	40.0
PTB	-0.8	-0.9	-0.9	-0.9	-1.0	-1.2	1.6
RISE	0.4	0.5	0.6	0.8	1.0	1.1	3.4
ROA	-1.2	-0.8	-1.3	-1.7	-2.2	-1.5	3.2
SASO-NMCC	-2690.7	-2704.3	-2714.5	-2720.3	-2737.3	-2745.5	6.6
SCL	111.1	65.0	16.3	-3.6	2.6	1.4	6.2
SMD	3.5	6.3	6.3	5.5	6.3	7.3	6.6
SMU	-108.3	-106.1	-97.9	-90.6	-	-	24.6
SNSU-BSN	1056.0	1077.7	1098.9	1108.3	1118.5	1143.5	5.8
TL	-0.1	-0.5	-0.7	-1.5	-2.0	-2.0	3.6
UME	0.8	0.9	-0.2	2.3	2.5	1.5	7.0
VMI-STAMEQ	-71.2	-36.5	2.1	9.3	9.7	7.4	7.0
VNIIFTRI	0.4	0.5	0.4	0.7	1.0	1.0	4.2
VSL	1.4	1.0	-3.5	-3.2	-1.6	-0.6	3.2