

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
 Degrees of equivalence $D_k = [UTC - UTC(k)]$ for December 2022
 Computed 2023 JANUARY 13, 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 MJD	DEC 1 59914	DEC 6 59919	DEC 11 59924	DEC 16 59929	DEC 21 59934	DEC 26 59939	DEC 31 59944	Uncertainty/ns
Laboratory k	$[UTC - UTC(k)]/ns$							U_k
BelGIM	0.1	0.9	-0.2	-0.7	-0.5	-0.3	-0.2	6.6
BEV	35.5	32.7	22.8	21.4	24.8	22.1	13.1	5.6
BFKH	6250.7	6283.3	6312.6	6353.0	6381.0	6410.1	6438.3	40.2
BIM	17024.4	17010.2	17037.4	17048.1	17069.1	17104.7	17123.7	14.6
BMM	-	-	-	-	-	-	-	
BOM	-	-	-	-	-	-	-	
CENAM	2.8	2.9	1.3	-0.5	-0.7	-3.2	-2.1	8.8
CENAMAP AIP	1.6	-4.9	-14.3	2.8	2.0	6.6	2.3	10.6
DEF-NAT	6526.7	6635.2	6732.9	6837.4	6951.1	7047.0	7143.7	40.0
DFM	-5.1	-7.4	-10.1	-13.3	-5.4	-6.4	-7.9	5.6
DMDM	-	-	-14.2	-9.3	-4.2	-0.9	-2.9	7.4
EIM	-	-	-	-	-	-	-	
EMI	23.6	12.8	4.2	16.7	16.6	11.8	20.5	17.6
ESA	1.0	2.1	3.1	3.3	3.3	2.4	1.5	5.6
FTMC	647.1	649.8	651.8	651.1	647.4	626.6	615.3	6.6
GUM	0.0	0.3	0.9	1.4	2.6	3.4	4.4	5.8
ILNAS	-8.4	0.8	13.3	20.6	13.7	13.0	10.6	5.6
IMBIH	0.3	-0.8	-0.5	-2.2	-3.0	0.5	4.6	5.6
INACAL	-	-	-	-	-	-	-	41.2
INM	74.6	56.9	47.0	23.1	-1.4	-40.6	-69.1	15.6
INM(CO)	175.0	174.1	160.6	169.3	158.6	135.0	115.8	40.2
INMETRO	-20.4	-5.5	13.2	20.3	34.3	47.0	49.3	6.0
INPL	-8.5	-12.3	-5.5	-12.4	-19.0	-16.0	-11.3	15.0
INRIM	0.5	0.7	1.2	0.8	0.2	-0.2	0.2	4.0
INTI	244.3	237.1	237.3	236.7	247.1	239.2	234.5	6.4
IPE/ASCR	23.4	19.8	14.8	26.8	27.5	27.9	31.7	5.6

IPQ	707.2	705.2	700.2	694.1	695.7	704.7	705.3	5.6
JV	5.7	6.4	7.5	7.6	6.9	5.9	5.6	9.2
KazStandart	3.4	3.8	2.2	0.0	-1.3	-1.8	-2.2	8.6
KRISS	1.1	1.8	2.1	2.8	3.5	3.9	4.9	7.0
LAMETRO-ICE	56.6	29.0	35.7	39.6	15.2	-6.1	-19.4	16.4
LNE-SYRTE	-0.3	0.0	0.1	0.6	1.5	2.0	2.2	3.4
MASM	-622.9	-621.8	-619.0	-629.7	-633.4	-646.2	-660.1	6.6
METAS	-3.0	-2.9	-2.8	-2.9	-1.6	-0.9	-0.2	3.8
MIKES	-5.1	-5.1	-4.5	-5.2	-5.2	-4.6	-3.9	6.0
MIRS/SIQ/Metrology	3.1	24.9	23.9	15.5	8.3	11.3	0.6	7.8
MSL	34.1	33.2	31.8	34.4	43.6	36.2	45.5	14.4
MUSSD	-	-	-	-	-	-	-	6.4
NICT	-0.2	-0.1	0.6	0.2	-1.5	-0.9	-0.3	4.0
NIM	0.2	0.7	1.1	2.2	2.1	1.6	1.2	4.0
NIMT	10.5	14.1	13.9	15.7	11.6	12.4	28.3	14.4
NIS	40.8	29.8	22.4	13.5	1.5	-6.9	-13.0	14.4
NIST	-1.0	0.1	0.9	1.9	2.0	1.9	1.3	5.4
NMC, A*STAR	12.6	14.4	13.3	14.4	12.4	-1.1	-7.7	6.6
NMIA	-552.1	-545.3	-550.3	-566.6	-562.0	-546.7	-553.2	22.4
NMIJ AIST	-7.9	-8.1	-4.3	3.7	26.7	37.9	41.5	5.6
NMIM	-373.2	-437.4	-510.5	-585.1	-591.6	-602.9	-	7.4
NMISA	9.4	10.5	5.6	0.9	-1.8	-6.3	-5.3	6.6
NPL	-1.1	-0.7	-0.4	-0.5	-1.4	1.2	0.5	3.6
NPLI	2.0	2.1	2.1	2.3	2.3	2.5	2.7	6.6
NRC	-18.9	-19.2	-19.9	-19.0	-18.5	-18.3	-15.3	6.8
NSAI NML	-3.8	-5.7	-2.5	-6.8	-7.3	-6.2	0.7	14.6
NSC IM	-39.8	-39.7	-24.7	-	-36.6	-34.2	-23.6	15.0
ON/DSHO	3.4	-0.5	2.6	7.5	12.2	13.2	14.5	6.0
PTB	-0.5	0.0	0.4	0.8	1.1	1.2	1.3	2.0
RISE	-0.4	-0.1	0.4	0.2	0.4	0.4	0.2	3.6
ROA	-1.3	-1.2	-1.1	-1.0	-0.5	-0.1	0.2	3.6
SASO-NMCC	-278.7	-295.6	-302.3	-319.8	-337.4	-352.3	-367.9	7.0
SCL	41.4	42.5	46.9	45.2	43.1	52.4	50.7	6.8
SMD	2.0	2.8	2.2	1.7	1.4	2.3	3.1	7.0
SMU	288.5	303.2	308.4	325.6	329.9	313.1	298.7	24.6
SNSU-BSN	664.4	683.5	731.3	774.4	793.1	803.7	833.5	6.6
TL	1.9	1.8	1.4	1.2	1.0	0.6	-1.0	4.2
UME	-0.9	-0.8	1.7	0.1	-0.3	1.9	0.1	7.4
VMI-STAMEQ	16.0	7.2	-4.3	-0.4	7.1	-5.1	-8.8	5.6
VNIFTRI	1.2	1.6	2.0	2.3	2.6	2.7	2.7	4.4
VSL	-4.7	-0.6	2.2	-1.2	0.5	5.6	4.4	3.4