

BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
 Degrees of equivalence $D_k = [UTC - UTC(k)]$ for December 2021
 Computed 2022 JANUARY 11, 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 2021 0h UTC	DEC 1	DEC 6	DEC 11	DEC 16	DEC 21	DEC 26	DEC 31	Uncertainty/ns
MJD	59549	59554	59559	59564	59569	59574	59579	
Laboratory k	$[UTC - UTC(k)]/ns$							U_k
BelGIM	-1.5	0.6	1.3	-0.7	-1.9	-3.0	-1.2	6.4
BEV	-14.8	-18.0	-24.4	-33.1	-40.1	-37.2	-29.6	7.0
BFKH	3809.5	3844.8	3870.2	3903.0	3935.9	3961.4	3994.6	40.2
BIM	15474.7	15489.3	15540.5	15565.2	15590.5	15619.6	15646.8	14.4
BMM	371.6	362.0	374.2	-	360.4	363.2	372.3	40.2
BOM	-250.1	-	-	-	-	-	-	25.2
CENAM	1.8	5.7	-4.1	-0.6	1.4	-2.1	0.5	8.4
CENAMAP AIP	5.2	7.2	7.7	14.2	6.3	11.7	-2.6	10.4
DEF-NAT	2300.0	2397.9	-	2588.0	2680.1	2789.0	2883.5	40.0
DMDM	1.2	17.3	16.0	1.1	10.9	1.3	-20.5	7.0
EIM	1.9	3.1	2.0	4.5	5.4	0.0	4.0	23.8
EMI	14.3	10.2	9.0	9.3	17.6	20.4	10.1	40.8
ESA	1.2	0.8	0.7	0.7	0.9	1.6	2.3	5.4
FTMC	632.7	637.9	646.7	647.6	642.1	632.4	637.7	6.0
GUM	-6.0	-4.1	-2.2	-0.6	0.4	1.5	2.7	6.0
ILNAS	-4.3	-0.4	0.5	-7.4	-15.5	-26.2	-34.9	5.4
IMBIH	-3.2	22.9	0.7	-0.6	1.9	39.0	1.7	6.0
INACAL	453.1	548.8	655.4	773.2	873.9	982.5	1093.8	41.2
INM	627.6	639.7	657.0	669.5	679.0	687.8	700.1	15.2
INM(CO)	231.9	253.0	262.0	281.9	294.7	306.8	325.8	40.2
INMETRO	-40.8	-39.4	-47.2	-42.7	-25.8	-9.1	14.6	5.4
INPL	-85.8	-86.5	-83.3	-77.6	-79.9	-82.2	-90.4	14.6
INRIM	3.4	3.8	4.2	3.7	3.0	2.4	1.0	3.6
INTI	-	155.2	151.6	156.3	155.4	165.8	175.7	40.2
IPE/ASCR	28.5	26.7	27.1	28.3	42.1	49.8	43.7	5.2
IPQ	457.5	467.6	457.9	352.8	251.1	108.3	-42.1	5.4

JV	-59.2	-67.1	-85.7	-73.6	-74.5	-93.8	-101.9	8.8
KazStandard	-	-	31.7	33.1	33.1	32.0	30.9	40.0
KRISS	9.8	9.8	9.5	9.7	9.9	8.5	7.4	6.6
LACOMET	12.7	21.2	22.5	21.4	29.7	43.9	45.5	15.4
LATMB	-606.1	-617.9	-631.0	-645.9	-	-	-	24.6
LNE-SYRTE	0.6	0.2	-0.1	0.0	0.3	0.8	1.0	3.0
MASM	-316.7	-312.6	-302.0	-296.1	-294.9	-298.8	-311.5	6.0
METAS	-0.8	-1.2	-0.8	0.6	0.8	0.6	0.1	3.2
MIKES	2.2	1.9	1.6	1.4	1.5	1.8	1.2	5.6
MIRS/SIQ/Metrology	4359.7	4520.9	4654.1	4801.8	4917.0	5057.5	5163.4	7.4
MSL	31.6	17.1	7.1	-1.2	1.2	-1.7	-2.8	40.2
MUSSD	22.8	23.4	25.4	25.5	-	-	-	5.8
NICT	-1.0	-2.7	-1.3	-1.4	-0.8	-2.4	-2.6	3.6
NIM	2.1	2.0	2.0	2.4	1.8	1.3	1.6	3.8
NIMT	-	-	-5.8	-2.4	-1.2	-2.2	-2.8	40.0
NIS	71.0	59.7	48.2	37.0	27.9	25.8	18.8	40.0
NIST	0.6	0.2	0.0	0.3	0.2	0.5	0.7	4.6
NMC, A*STAR	-5.9	-7.5	-4.5	-1.5	0.2	3.6	6.3	6.0
NMIA	-572.3	-578.0	-565.1	-562.3	-560.4	-563.3	-560.0	22.4
NMIJ AIST	-7.6	-5.6	-2.6	-1.2	-0.9	-3.1	-4.3	7.0
NMIM	-1566.5	-1425.4	-1246.1	-1079.7	-911.6	-743.0	-601.2	7.6
NMISA	-2.7	-0.6	0.9	1.6	1.1	0.6	-0.8	6.0
NPL	0.4	0.6	1.1	2.2	-1.3	-0.2	2.2	3.4
NPLI	3.5	3.7	4.0	4.0	4.0	3.5	3.2	6.0
NRC	-0.5	-0.4	-0.4	-0.8	-0.6	-0.2	-0.3	6.4
NSAI NML	-288.6	-288.9	-283.6	-276.5	-268.8	-258.4	-251.6	14.4
NSC IM	-11.3	-11.5	-4.8	-13.8	-3.4	-15.3	-10.8	15.6
ON/DSHO	1.1	-6.7	-0.3	0.7	-1.6	-1.0	-0.2	40.0
PTB	-1.0	-1.0	-0.8	-1.5	-1.3	-0.9	-0.6	1.6
RISE	1.2	0.8	0.4	0.1	-0.1	-0.1	-0.3	3.4
ROA	-1.1	-1.1	-0.6	-0.6	-1.7	-1.7	-1.5	3.2
SASO-NMCC	-2757.7	-2774.5	-2780.7	-2799.3	-2802.0	-2812.8	-2822.1	6.6
SCL	-1.0	-10.5	-18.3	-28.0	-29.8	-38.0	-40.8	6.2
SMD	12.0	7.3	6.8	3.2	7.8	9.8	4.8	6.6
SMU	-	-	-111.2	-	-94.7	-	-	24.6
SNSU-BSN	1152.9	1174.6	1208.2	1207.5	1231.3	1251.1	1282.7	6.0
TL	-2.5	-1.9	-1.8	-2.3	-2.2	-2.6	-4.3	3.6
UME	1.0	-1.8	-2.3	-2.1	-0.7	-0.7	1.0	7.0
VMI-STAMEQ	1.1	3.4	3.7	5.1	6.7	2.4	-0.3	14.4
VNIIFTRI	0.8	0.9	1.0	1.0	0.9	1.1	0.8	4.2
VSL	0.0	4.7	1.2	-4.3	-9.2	-11.8	-6.2	3.2