Table T3: Local eccentricities for IERS sites

Release : 99 3 23

		DX/sigX m	DY/sigY m	DZ/sigZ m	Ref.
10002 GRASSE					
S001	S002	0.542	36.489	-4.421	Ref: (3)
		0.003	0.003	0.003	
	M003	6.007	-33.777	-8.036	Ref: (3)
		0.003	0.003	0.003	
	S014	-11.353	6.551	11.633	Ref: (3)
	M006	-0.632	-44.858	1.199	Ref: (3)
10003 TOULOUSE					
M003	S001	97.450	-173.325	-75.239	Ref: (3)
		0.003	0.003	0.003	
M003	M004	-103.8755	-214.4924	136.6852	Ref: (3)
S001	S003	646.213	314.389	683.489	Ref: (3)
10004 BREST					
M002	S001	1.232	-0.097	1.393	Ref: (3)
		0.003	0.003	0.003	
10202 REYKJAVIK					
M001	S001	-1856.254	-1334.604	595.024	Ref: (3)
10302 TROMSO					
M002	M003	36.289	-33.115	-9.215	Ref: (13)
		0.003	0.003	0.003	
	S010	11.225	-1.567	-0.514	Ref: (3)
		0.003	0.003	0.003	
10317 NY-ALESUND					
M001	S002	363.330	1536.449	-158.180	Ref: (3)
		0.003	0.003	0.003	
10402 ONSALA					
S002	M006	35.927	-51.366	-34.575	Ref: (13)
		0.003	0.003	0.003	

	M004	52.631	-40.464	-43.865	Ref: (20)
		0.003	0.003	0.003	

10503 METSAHOVI

M002	S011	1918.178	1548.001	-1324.664	Ref: (16)
		0.004	0.004	0.004	
	S001	1942.700	1512.472	-1347.868	Ref: (9)
		0.004	0.004	0.004	
	S013	-11.609	15.220	6.232	Ref: (3)
		0.003	0.003	0.003	

11001 GRAZ

S002	M002	-2.558	8.516	-1.321	Ref: (20)
		0.003	0.003	0.003	

11101 SOFIA

M002	M001	25.2836	10.3253	-39.0333	Ref: (20)

12205 BOROWIEC

S001	M002	25.767	-72.908	-0.324	Ref: (20)
		0.003	0.003	0.003	

12302 RIGA

M002	S002	-3.401	18.661	-6.963	Ref: (20)
	M001	14.834	-4.832	-13.919	Ref: (20)

12334 KITAB

M001	S004	79.2680	56.6888	-90.1138	Ref: (20)
		.0015	.0015	.0015	
M001	S005	79.039	56.144	-90.607	Ref: (3)
		.002	.002	.002	

12602 DIONYSOS

M002	S011	-1.226	40.030	-14.416	Ref: (3)
		0.003	0.003	0.003	
	S001	1.953	29.359	-15.192	Ref: (3)
		0.003	0.003	0.003	

12711 BOLOGNA-MEDICINA

M002	S001	-29.531	29.904	48.556	Ref: (1,2)
		0.001	0.001	0.005	
M002	M003	1.386	26.495	-5.965	Ref: (20)
		.0015	.0015	.0015	

12717 NOTO

M001	S001	34.242	67.907	-38.223	Ref: (5)
		0.003	0.003	0.003	
M001	M003	-0.220	128.861	-43.217	Ref: (20)
		.0015	.0015	.0015	

12725 CAGLIARI

M002	M003	-19.036	-23.844	40.947	Ref: (20)
		.0015	.0015	.0015	

12734 MATERA

S001	S005	-26.120	-67.073	63.166	Ref: (17)
		0.007	0.007	0.007	
	M008	-15.173	-24.827	24.964	Ref: (17)
		0.003	0.003	0.003	
	M005	19.533	-12.202	-28.771	Ref: (17)
		0.003	0.003	0.003	
	M004	25.263	-27.625	-30.369	Ref: (17)
		0.003	0.003	0.003	
	M007	-14.128	-13.229	18.027	Ref: (17)
		0.003	0.003	0.003	

13212 HERSTMONCEUX

S001	M007	6.505	10.278	-3.945	Ref: (18)
		0.003	0.003	0.003	

13402 SAN FERNANDO

M004	S004	-45.3210	35.3025	89.3855	Ref: (7)

13407 MADRID

S010	S012	-134.246	159.664	164.275	Ref: (14)
		0.003	0.003	0.003	

13504 KOOTWIJK

M002	M003	-12.458	-37.501	23.025	Ref: (5)
		0.003	0.003	0.003	
	S001	-13.621	-26.287	18.705	Ref: (3)
		0.003	0.003	0.003	

14001 ZIMMERWALD

S001	M004	13.680	6.012	-6.242	Ref: (20)
		0.003	0.003	0.003	

14106 POTSDAM

S009	M003	50.091	95.219	-40.438	Ref: (20)
		0.003	0.003	0.003	

14201 WETTZELL

S002	S004	10.003	-46.149	11.072	Ref: (3,4)

		0.003	0.003	0.003	
	M004	52.559	55.916	-58.337	Ref: (11)
		0.003	0.003	0.003	
	M005	72.017	45.135	-70.501	Ref: (11)
		0.003	0.003	0.003	
	M009	48.700	71.268	-48.250	Ref: (15)
		0.003	0.003	0.003	
	S018	46.976	4.049	-34.728	Ref: (5)
		0.003	0.003	0.003	
	M010	50.805	72.249	-50.245	Ref: (20)
		0.003	0.003	0.003	
	M003	21.341	44.130	-30.432	Ref: (11)
		0.003	0.003	0.003	
	M006	49.387	25.829	-47.290	Ref: (11)
		0.003	0.003	0.003	

20805 ANKARA

M001	M002	14.2608	-2.0499	-11.4556	Ref: (20)
		0.0075	0.0079	0.0048	

21605 SHANGHAI

S001	S009	-598.875	-469.603	154.995	Ref: (2)
		0.010	0.010	0.010	
S001	S009	-598.7945	-469.6798	154.8482	Ref: (23) (update)

21730 TSUKUBA

S001	S005	-26.306	-38.284	2.761	Ref: (20)
		0.003	0.003	0.003	

21732 CHICHIJIMA

S001	S002	-1716.283	-1462.147	-539.508	Ref: (10)
		0.040	0.040	0.040	

30302 HARTEBEESTHOEK

S001	M002	-817.332	2103.129	203.079	Ref: (3)
		0.010	0.010	0.010	
	S202	-801.257	2086.234	199.848	Ref: (3)
		0.010	0.010	0.010	
M002	M007	-.145	-.374	-.623	Ref: (24)

30314 SUTHERLAND

M002	M001	268.583	-700.891	133.755	Ref: (20)

31903 SANTA MARIA / 31906 SAO MIGUEL

/M001	S001	65216.646	17120.897	-67374.720	Ref: (3)
		0.040	0.040	0.040	

33710 ARLIT

S001	S002	-1362.690	-2163.732	4825.937	Ref:	(3)
		0.006	0.006	0.006		

40102 OTTAWA / 40104 ALGONQUIN

/M002	/S001	-94.756	-61.021	-6.665	Ref:	(12)
		0.003	0.003	0.003		
	/M003	83.510	4.669	-20.142	Ref:	(20)
		0.003	0.003	0.003		
	S005	189494.025	-1182.617	-43239.634	Ref:	(3)
		0.050	0.050	0.050		

40104 ALGONQUIN (see 40102 OTTAWA)

40105 PENTICTON

M001	M002	-324.180	178.052	11.636	Ref:	(19)
		0.003	0.003	0.003		

40127 YELLOWKNIFE

M001	M003	-327.855	314.587	82.910	Ref:	(20)	
		0.003	0.003	0.003			
	M004	-274.922	257.432	64.914	Ref:	(20)	
		0.003	0.003	0.003			
	S007	-299.391	303.283	89.824	Ref:	(3)	
		0.003	0.003	0.003			
M001	M003	-327.857	314.584	82.913	Ref:	(30)	(update)
M001	M004	-274.925	257.430	64.914			
M001	S007	-299.419	303.252	89.890			

40129 VICTORIA

M001	M003	-22.740	34.377	23.036	Ref:	(20)
		0.003	0.003	0.003		

40400 PASADENA

M003	M001	94.064	-31.945	55.121	Ref:	(2)
		0.003	0.002	0.002		
	M006	1.987	-18.063	-22.052	Ref:	(12)
		0.003	0.003	0.003		
	M005	-21.464	19.012	10.889	Ref:	(5)
		0.003	0.003	0.003		

40405 GOLDSTONE

S009	M013	-323.113	148.213	-43.993	Ref:	(2)
		0.007	0.013	0.010		
	M006	-304.746	137.590	-45.871	Ref:	(3)
		0.003	0.003	0.003		

M001	S001	-227.005	188.001	153.150	Ref: (5)
		0.003	0.003	0.003	
	S019	-144.572	-119.976	-229.148	Ref: (2)
		0.003	0.003	0.003	
	M013	-3099.925	-5078.130	-8472.555	Ref: (22)
		0.011	0.011	0.011	
	M002	2532.581	-14016.673	-15901.337	Ref: (22)
		0.022	0.022	0.022	
M013	S028	2880.020	5222.261	8549.860	Ref: (14)
		0.011	0.011	0.011	
	S035	-9.691	23.663	26.579	Ref: (3)
		0.003	0.003	0.003	
M002	S014	-267.503	69.179	-40.943	Ref: (2)
		0.002	0.003	0.002	
M002	S037	3.047	0.448	6.936	Ref: (3)
		0.002	0.002	0.002	
S037	S005	0.028	0.055	-0.044	Ref: (3)
		0.002	0.002	0.002	

40407 PINYON FLATS

M001	M002	125.588	117.655	279.910	Ref: (12)
		0.003	0.003	0.003	

40408 FAIRBANKS

S002	M001	-74.141	49.280	-31.231	Ref: (14)
		0.003	0.003	0.003	
	S004	-955.770	228.045	-298.634	Ref: (3)
		0.003	0.003	0.003	

40420 VANDENBERG

M002	M007	5.037	12.908	21.229	Ref: (5)
		0.003	0.003	0.003	
	M001	9278.854	-5310.196	1277.219	Ref: (5)
		0.011	0.011	0.011	
	M004	9226.714	-5291.788	1274.701	Ref: (5)
		0.011	0.011	0.011	

40424 KAUAI

S001	M004	7.941	-23.616	-4.407	Ref: (12,13)
		0.003	0.003	0.003	
	S008	-128.587	-26.268	-325.949	Ref: (3)
		0.003	0.003	0.003	

40432 ELY

M001	M002	16.416	-9.261	-2.199	Ref: (5)
		0.003	0.003	0.003	

40433 QUINCY

M002	M001	341.581	-288.817	-158.149	Ref: (5)

		0.003	0.003	0.003	
	M004	3.890	-38.987	-38.409	Ref: (8)
		0.002	0.001	0.001	
	M005	-7.611	5.310	0.619	Ref: (5)
		0.003	0.003	0.003	
	M006	250.895	-256.065	-178.592	Ref: (5)
		0.003	0.003	0.003	

40436 SAN DIEGO-OTAY MOUNTAIN / 40497 MONUMENT PEAK

M002	/M003	42536.518	-2596.062	27611.264	Ref: (5)
		0.051	0.051	0.051	
	M003	-0.756	-3.831	-5.638	Ref: (5)
		0.003	0.003	0.003	
/M001	/M002	-14.269	6.872	-0.596	Ref: (3)
		0.003	0.003	0.003	
	/M003	-11.395	7.802	2.523	Ref: (2)
		0.003	0.003	0.003	

40438 BEAR LAKE

M002	M001	5.825	1.270	3.391	Ref: (5)
		0.003	0.003	0.003	

40439 OWENS VALLEY

M004	M001	-1.223	-2.261	-3.617	Ref: (3)
		0.003	0.003	0.003	
	S002	820.489	-549.119	-87.117	Ref: (2)
		0.005	0.009	0.009	
	M003	-169.108	55.235	-41.459	Ref: (5)
		0.003	0.003	0.003	

40440 WESTFORD

M001	S002	-48.865	12.264	65.806	Ref: (2,3)
		0.001	0.002	0.002	
	S003	-247.002	-851.720	-800.428	Ref: (2,3)
		0.003	0.004	0.004	
S003	S020	26.807	40.999	30.496	Ref: (20)
		0.100	0.100	0.100	

40442 FORT DAVIS

M001	S001	4.356	-5.631	-3.556	Ref: (3)
		0.003	0.003	0.003	
	S002	-655.977	-228.944	-452.568	Ref: (3)
		0.003	0.003	0.003	
	M005	0.000	0.000	0.000	Ref: (3)
		0.003	0.003	0.003	
	S003	5914.397	-3496.510	-4031.862	Ref: (2)
		0.004	0.012	0.007	
	M008	117.202	135.062	352.484	Ref: (5)
		0.003	0.003	0.003	
S003	M006	-5810.069	3621.294	4362.423	Ref: (2)
		0.003	0.010	0.006	
	M009	-16.971	-39.906	-95.339	Ref: (5)
		0.003	0.003	0.003	

	S017	201.879	-158.810	-155.893	Ref: (6)
		0.003	0.003	0.003	
M008	M012	9.512	-1.795	1.484	Ref: (6)
		0.003	0.003	0.003	

40445 MAUI

M001	S005	-.483	-.212	1.003	Ref: (3)
		0.003	0.003	0.003	
	M002	8.044	19.381	40.992	Ref: (3)
		0.003	0.003	0.003	

40451 WASHINGTON

M105	M112	-4.947	-17.162	-19.125	Ref: (3)
		0.003	0.003	0.003	
	M106	635.813	182.229	25.164	Ref: (3)
		0.003	0.003	0.003	
	M101	520.577	170.825	41.961	Ref: (3)
		0.003	0.003	0.003	
	M102	-33.112	-2.452	4.398	Ref: (3)
		0.003	0.003	0.003	
	M103	-34.066	1.868	9.839	Ref: (3)
		0.003	0.003	0.003	
	M104	376.110	153.626	64.228	Ref: (3)
		0.003	0.003	0.003	
	M111	645.036	181.778	22.412	Ref: (3)
		0.003	0.003	0.003	
	M125	75.125	116.762	110.510	Ref: (3)
		0.003	0.003	0.003	
	M114	26.038	-17.460	-29.389	Ref: (5)
		0.003	0.003	0.003	
	M117	22.182	-19.215	-30.410	Ref: (5)
		0.003	0.003	0.003	
	M120	-14.419	5.137	9.456	Ref: (5)
		0.003	0.003	0.003	
	M123	54.241	97.013	93.863	Ref: (5)
		0.003	0.003	0.003	
	M107	-30.463	8.595	16.961	Ref: (5)
		0.003	0.003	0.003	
	M108	-28.408	-0.491	5.446	Ref: (5)
		0.003	0.003	0.003	
	M116	15.577	25.904	25.854	Ref: (5)
		0.003	0.003	0.003	
	M118	14.413	26.236	26.367	Ref: (5)
		0.003	0.003	0.003	

40456 PIETOWN

S001	M001	36.916	34.827	35.255	Ref: (5)
		0.003	0.003	0.003	

40465 NORTH LIBERTY

S001	M001	-62.228	25.387	3.626	Ref: (20)
		0.003	0.003	0.003	

40477 MAUNA KEA

S001	M001	-30.1321	82.2265	-5.9084	Ref: (31)

40491 FLAGSTAF

M002	M003	-15.933	17.213	14.367	Ref: (2)
		0.001	0.003	0.003	

40496 PLATTEVILLE

M001	M002	-29.894	9.036	1.025	Ref: (2)
		0.001	0.001	0.001	

40497 MONUMENT PEAK (see 40436 SAN DIEGO-OTAY MOUNTAIN)

40499 RICHMOND

M002	S001	-60.877	0.931	44.212	Ref: (2,4)
		0.003	0.002	0.002	
	M005	-76.090	69.330	168.048	Ref: (20)
		0.003	0.003	0.003	
	S018	15.832	16.844	45.521	Ref: (20)
		0.003	0.003	0.003	
	S015	-239.169	514.840	1149.683	Ref: (3)
		0.003	0.003	0.003	
	S016	-562.116	405.892	1039.924	Ref: (3)
		0.003	0.003	0.003	

40503 SOCORRO ISLAND

S003	S002	-202.980	30.260	-148.510	Ref: (3)
		0.003	0.003	0.003	

41507 RIO GRANDE

S004	S003	-4.283	-4.105	2.101	Ref: (3)
		0.003	0.003	0.003	
S004	M004	53.551	-12.390	26.527	Ref: (3)

41602 FORTALEZA

M001	S001	-16.598	-21.732	-45.805	Ref: (20)
		0.003	0.003	0.003	

41703 EASTER ISLAND

M002	M001	0.424	1.204	0.650	Ref: (5)
		0.003	0.003	0.003	
	M003	32.016	12.485	-37.088	Ref: (20)
		0.003	0.003	0.003	
	S008	-9.956	3.329	-5.267	Ref: (3)
		0.003	0.003	0.003	

41705 SANTIAGO

M003	M001	6.309	-38.829	61.146	Ref: (20)
		0.003	0.003	0.003	
	M002	31.374	61.808	-75.245	

		0.003	0.003	0.003		
	S006	-0.230	69.610	-113.927	Ref: (20)	
		0.003	0.003	0.003		
S007	S006	-6653.688	-17960.224	22748.646	Ref: (3)	
		0.100	0.100	0.100		
S007	S006	-6653.652	-17960.224	22748.646	Ref: (3)	(update)
S008	M001	-0.674	1.921	1.330	Ref: (3)	

42202 AREQUIPA

M003	M004	-23.075	-11.900	4.458	Ref: (3)	
		0.003	0.003	0.003		
	M005	18.615	-0.548	21.499	Ref: (20)	
		0.003	0.003	0.003		
	S001	-16.022	-7.911	-3.665	Ref: (3)	
		0.003	0.003	0.003		
	S005	-11.368	-8.020	-3.627	Ref: (3)	
		0.003	0.003	0.003		

43201 SAINTE CROIX

M001	S001	77.3621	7.0895	-28.1538	Ref: (26)

50103 CANBERRA-ORRORAL-TIDBINBILLA

S007	S003	-1072.026	-992.962	1255.118	Ref: (27)
		.010	.010	.010	
S007	S010	-14458.333	4638.694	21870.043	
		.030	.030	.030	
S007	S201	6.416	-25.043	-22.868	
S007	S202	6.249	-24.942	-23.008	
S010	S001	40.658	-404.152	-367.185	
S010	M108	-60.721	-208.620	-62.488	

50107 YARRAGADEE

M001	M004	-18.605	-12.471	-5.835	Ref: (7,14)	
		0.003	0.003	0.003		
	S006	2.990	11.270	11.823	Ref: (3)	
		0.003	0.003	0.003		

50116 HOBART

M004	S002	-165.370	-67.616	75.820	Ref: (27)
M003	S002	-52.658	-16.891	25.627	

50501 GUAM

M002	S001	-3965.701	-3252.703	-5313.389	Ref: (3)
		.005	.005	.005	

50505 KWAJALEIN ATOLL

M001	S003	-89.234	-702.977	544.240	Ref: (3,4)
		0.003	0.003	0.003	

66008 O'HIGGINS

S001	M001	39.447	-17.634	28.448	Ref: (20)
		0.003	0.003	0.003	

91201 KERGUELEN

M002	S002	-510.991	120.575	-36.781	Ref: (3)
		0.003	0.003	0.003	
	S003	-510.926	120.724	-36.935	Ref: (3)
		0.003	0.003	0.003	

91501 ILE DES PETRELS

S001	M001	175.663	-175.752	-104.366	Ref: (3)

92201 PAPEETE

M006	S007	-11.033	16.403	0.416	Ref: (3)
M006	M007	162.0445	-295.4850	36.6482	Ref: (28)

92202 HUAHINE

M004	S009	-6.282	7.965	-0.173	Ref: (3)
		0.003	0.003	0.003	
	M002	1.458	0.807	0.501	Ref: (5)

92701 NOUMEA

M003	S001	-22.224	-15.287	38.252	Ref: (29)

97301 KOUROU

M210	S004	15669.825	9832.780	-16899.080	Ref: (3)
		0.025	0.025	0.025	
	S005	15123.675	9589.762	-15209.338	Ref: (3)
		0.024	0.024	0.024	

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