



### Coordenadas da Rede Nacional de Estações Permanentes (ReNEP) no sistema de referência PT-TM06/ETRS89

Lisboa, 16.Jan.2023

EP - COD	Latitude (° ' ")	Longitude (° ' ")	Alt. Elip. Base da Antena (m)	M (m)	P (m)	Alt. Ort. Base da Antena (m)	Sistema de Coordenadas
AGUE	40 34 32.08979 N	08 26 48.81599 W	102.939	-26569.00	100793.64	47.902	PT-TM06/ETRS89
AMAR	38 12 31.30250 N	07 13 40.37843 W	266.271	79283.11	-161645.01	211.155	PT-TM06/ETRS89
ARRD	38 58 58.40827 N	09 04 45.99055 W	176.556	-81997.99	-75664.61	122.540	PT-TM06/ETRS89
AVI1	39 03 23.80504 N	07 53 22.16346 W	270.054	21086.98	-67878.15	215.421	PT-TM06/ETRS89
BAIO	41 09 51.35962 N	08 02 2.55969 W	626.347	8314.04	166125.45	570.526	PT-TM06/ETRS89
BEJ_	38 00 46.37317 N	07 52 22.27096 W	305.900	22854.88	-183735.49	250.907	PT-TM06/ETRS89
BNAF	37 13 56.53192 N	08 07 36.10238 W	333.147	569.11	-270395.90	279.375	PT-TM06/ETRS89
BORB	38 48 37.14826 N	07 27 45.06457 W	496.020	58245.90	-95034.84	440.874	PT-TM06/ETRS89
BOTI	41 41 34.45649 N	07 39 29.12900 W	585.678	39544.23	224941.46	529.429	PT-TM06/ETRS89
BRAG	41 33 11.98052 N	08 25 44.09541 W	250.666	-24678.50	209372.47	195.404	PT-TM06/ETRS89
BRGN	41 48 26.65411 N	06 45 49.92028 W	789.731	113785.37	238456.13	732.791	PT-TM06/ETRS89
CASC	38 41 36.28293 N	09 25 6.68501 W	77.064	-111831.91	-107442.11	23.689	PT-TM06/ETRS89
CBRA	39 49 8.36631 N	07 30 43.84628 W	436.558	53163.44	16920.24	381.378	PT-TM06/ETRS89
CRNH	39 24 25.23351 N	09 08 7.49303 W	123.279	-86327.43	-28526.00	69.567	PT-TM06/ETRS89
EDVD	40 54 45.63471 N	08 29 3.49012 W	299.003	-29586.80	138239.84	243.855	PT-TM06/ETRS89
ENTM	39 28 16.26475 N	08 28 26.07225 W	98.964	-29325.56	-21824.93	44.654	PT-TM06/ETRS89
FAJA	40 08 56.73185 N	07 55 18.00534 W	789.087	18016.37	53409.80	733.055	PT-TM06/ETRS89
FCOA	41 04 54.85730 N	07 08 39.21906 W	487.026	83097.16	157445.19	431.538	PT-TM06/ETRS89
FLRS	39 27 13.79713 N	31 07 35.00117 W	79.918	661203.32	4368816.05	23.298	PTRA08/ITRF93 - UTM25N
FRNS	37 46 9.59755 N	25 18 29.56028 W	275.330	649004.04	4181570.09	218.230	PTRA08/ITRF93 - UTM26N
FUNC	32 38 52.60577 N	16 54 27.41982 W	78.497	321080.13	3613866.50	29.278	PTRA08/ITRF93 - UTM28N
FVFI	38 43 13.80997 N	08 19 13.82862 W	237.562	-16297.44	-105202.39	183.095	PT-TM06/ETRS89
GAIA	41 06 21.67048 N	08 35 20.73434 W	287.634	-38302.86	159752.22	232.634	PT-TM06/ETRS89
GRIB	39 02 25.61409 N	08 38 30.24463 W	135.881	-44035.49	-69577.77	82.071	PT-TM06/ETRS89
GUAD	40 32 11.34152 N	07 15 59.10670 W	1082.280	73427.98	96765.76	1026.299	PT-TM06/ETRS89
IGPO	38 43 33.68565 N	09 09 30.67948 W	178.862	-89170.50	-104106.96	125.471	PT-TM06/ETRS89
LAGO	37 05 56.16677 N	08 40 6.16780 W	62.735	-47583.81	-285070.54	10.165	PT-TM06/ETRS89
LEIR	39 43 53.51718 N	08 47 41.28933 W	111.632	-56725.52	7234.64	57.574	PT-TM06/ETRS89
MELR	39 41 41.43396 N	08 07 49.49847 W	645.662	230.91	2951.63	590.475	PT-TM06/ETRS89
MERT	37 38 47.53941 N	07 39 36.17880 W	133.959	41748.66	-224323.76	79.619	PT-TM06/ETRS89
MESS	37 50 4.65669 N	08 14 40.88909 W	258.930	-9822.59	-203546.96	204.533	PT-TM06/ETRS89
MIRA	41 31 0.41644 N	07 11 10.19680 W	331.926	79046.10	205704.29	276.322	PT-TM06/ETRS89
MOGD	41 20 33.43853 N	06 42 48.51059 W	813.989	118822.02	186901.13	758.004	PT-TM06/ETRS89
MVEL	40 10 51.81892 N	08 40 44.79525 W	125.410	-46501.91	57081.05	71.156	PT-TM06/ETRS89
ODEM	37 35 55.17034 N	08 37 52.51404 W	135.231	-43990.87	-229626.55	81.385	PT-TM06/ETRS89
PCO1	41 54 43.73708 N	08 33 36.20267 W	441.001	-35421.61	249271.96	385.351	PT-TM06/ETRS89
PDEL	37 44 51.88804 N	25 39 45.95617 W	110.649	617809.33	4178669.30	53.929	PTRA08/ITRF93 - UTM26N
PLGR	39 17 27.38650 N	07 25 58.42463 W	546.374	60408.01	-41657.80	491.225	PT-TM06/ETRS89
PMLA	38 34 17.26707 N	08 54 12.42132 W	245.989	-67133.07	-121482.38	192.626	PT-TM06/ETRS89
PNMC	40 10 12.43000 N	07 10 31.94222 W	670.845	81567.86	56162.89	615.296	PT-TM06/ETRS89
SCAC	38 01 7.59554 N	08 41 33.35075 W	276.978	-49128.96	-182965.38	223.249	PT-TM06/ETRS89
SMA1	38 27 33.17576 N	07 45 7.15645 W	244.766	33264.98	-134155.14	189.626	PT-TM06/ETRS89
TABU	41 06 58.32139 N	07 34 3.29367 W	603.080	47497.14	160936.80	547.122	PT-TM06/ETRS89
TAVI	37 07 56.29112 N	07 38 27.27793 W	76.134	43735.47	-281388.05	23.591	PT-TM06/ETRS89
TERC	38 43 8.36667 N	27 09 10.78006 W	406.900	486699.70	4285604.54	348.281	PTRA08/ITRF93 - UTM26N
TRRA	38 17 27.03298 N	08 13 9.04465 W	169.310	-7529.85	-152910.46	114.535	PT-TM06/ETRS89
VSEU	40 39 11.73424 N	07 54 22.52956 W	570.583	19185.76	109397.04	515.028	PT-TM06/ETRS89