Table 19: Coordinates of 922 ICRF2 Non-Defining Sources at S/X-band

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J000108.6+191433	2358+189	00 01 08.62156690	19 14 33.8017390	0.00000490	0.0000984	0.080	53306.0	50085.5	54907.7	21	716
ICRF J000211.9−215309	2359−221	00 02 11.98262436	−21 53 09.8359742	0.00115400	0.0386714	0.971	54818.7	54818.7	54818.7	1	3
ICRF J000435.7+201942	0002+200	00 04 35.75829931	20 19 42.3174919	0.00001434	0.0002426	0.079	52600.4	52409.7	52983.7	3	102
ICRF J000557.1+382015	0003+380	00 05 57.17539168	38 20 15.1489409	0.00000488	0.0000621	−0.083	52010.2	48720.9	54718.7	26	1518
ICRF J000613.8−062335	0003−066	00 06 13.89288849	−06 23 35.3353162	0.00000277	0.0000437	−0.035	52342.2	47176.5	54889.8	1254	26713
ICRF J000800.3−233918	0005−239	00 08 00.36965673	−23 39 18.1511374	0.00002400	0.0007055	−0.650	50918.1	50632.3	54643.7	3	95
ICRF J001033.9+172418	0007+171	00 10 33.99063132	17 24 18.7613217	0.00000486	0.0000824	−0.098	51780.9	47931.6	54844.7	40	1242
ICRF J001052.5−415310	0008−421	00 10 52.51790008	−41 53 10.7781702	0.00019412	0.0043581	−0.068	50998.2	48162.4	52409.7	5	22
ICRF J001135.2+082355	0009+081	00 11 35.26963063	08 23 55.5862723	0.00001305	0.0004120	−0.455	52574.8	49914.7	53609.2	2	100
ICRF J001708.4+813508	0014+813	00 17 08.47492105	81 35 08.1365288	0.00008598	0.0002624		50567.9	47023.3	54112.5	1185	61191
ICRF J001937.8+202145	0017+200	00 19 37.85450158	20 21 45.6446718	0.00000655	0.0001138	−0.040	51210.3	50085.5	53609.2	5	356
ICRF J002427.3+243926	0021+243	00 24 27.33054544	24 39 26.2295755	0.00001415	0.0002517	−0.039	52670.8	52409.7	53307.8	11	115
ICRF J002442.9−420203	0022−423	00 24 42.98977943	−42 02 03.9479276	0.00006971	0.0013214	−0.582	51518.2	48162.4	53131.8	8	37
ICRF J002715.3+224158	0024+224	00 27 15.37153913	22 41 58.0688698	0.00004355	0.0006729	−0.137	50621.1	50085.5	54664.7	3	120
ICRF J002829.8+200026	0025+197	00 28 29.81848608	20 00 26.7443060	0.00001399	0.0003630	−0.143	50454.5	50085.5	54837.7	5	209
ICRF J002914.2+345632	0026+346	00 29 14.24246572	34 56 32.2471186	0.00003535	0.0004340	0.457	49505.8	47011.4	51386.3	14	234
ICRF J002945.8+055440	0027+056	00 29 45.89631066	05 54 40.7124201	0.00001584	0.0003807	−0.175	50645.2	49914.7	54643.7	2	123
ICRF J003525.3+613030	0032+612	00 35 25.31063011	61 30 30.7613057	0.00006099	0.0004981	0.307	53460.9	52620.7	53552.8	2	71
ICRF J003758.2+240711	0035+238	00 37 58.29982404	24 07 11.8699687	0.00016333	0.0046830	−0.479	54292.7	54292.7	54292.7	1	12
ICRF J003814.7−245902	0035−252	00 38 14.73550693	−24 59 02.2351862	0.00000815	0.0001397	−0.095	52498.1	50632.3	54907.7	7	301
ICRF J003820.5−020740	0035−024	00 38 20.52934827	−02 07 40.5476126	0.00001584	0.0004962	−0.410	54125.8	54125.8	54125.8	1	82
ICRF J003939.6+141157	0037+139	00 39 39.61959335	14 11 57.5567419	0.00001465	0.0003107	−0.249	50925.2	50085.5	53193.7	6	195
ICRF J004007.8−590352	0037−593	00 40 07.84908888	−59 03 52.7640423	0.00006916	0.0007714	0.327	53594.7	52887.6	54457.4	5	30
ICRF J004204.5+232001	0039+230	00 42 04.54517179	23 20 01.0620234	0.00000425	0.0000798	−0.119	52211.0	48919.9	54795.7	21	1079
ICRF J004219.4+570836	0039+568	00 42 19.45169063	57 08 36.5860772	0.00002746	0.0002988	0.207	51249.7	49577.0	54664.7	2	146
ICRF J004847.1+315725	0046+316	00 48 47.14148006	31 57 25.0848725	0.00000468	0.0000875	−0.137	53102.3	50219.8	54739.7	23	813
ICRF J004943.2+023703	0047+023	00 49 43.23594851	02 37 03.7783255	0.00001326	0.0003898	−0.169	51750.4	49914.7	54872.7	5	185
ICRF J004959.4−573827	0047−579	00 49 59.47306878	−57 38 27.3399688	0.00001384	0.0001470	0.245	52043.3	47626.5	54706.7	39	189
ICRF J005655.2+162513	0054+161	00 56 55.29432846	16 25 13.3409281	0.00000984	0.0001923	0.212	53385.7	50156.3	54852.7	6	130
ICRF J005748.8+302108	0055+300	00 57 48.88334932	30 21 08.8119505	0.00000590	0.0000921	−0.356	51950.0	50219.8	53178.7	22	869
ICRF J005805.0−053952	0055−059	00 58 05.06630952	−05 39 52.2778596	0.00000507	0.0001022	−0.066	53919.4	50576.2	54852.7	7	346
ICRF J005846.5−565911	0056−572	00 58 46.58117584	−56 59 11.4706965	0.00003993	0.0005795	0.358	50239.8	47626.5	52941.7	8	36
ICRF J005905.5+000651	0056−001	00 59 05.51492827	00 06 51.6209985	0.00000812	0.0002161	−0.193	50627.4	47875.8	53068.7	15	363
ICRF J010009.3−333731	0057−338	01 00 09.39094184	−33 37 31.9360512	0.00008300	0.0036751	−0.236	54381.5	52306.7	54440.7	2	36
ICRF J010529.5+512546	0102+511	01 05 29.55851181	51 25 46.5809142	0.00027629	0.0015295	−0.515	52811.6	50306.3	54314.7	2	24

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J010626.0 − 271811	0104 − 275	01 06 26.08205896	−27 18 11.8248061	0.00001174	0.0004112	−0.087	50845.3	50688.3	54664.7	2	76
ICRF J010633.3 + 130002	0103 + 127	01 06 33.35654134	13 00 02.6038991	0.00002572	0.0008471	−0.633	54037.5	50156.3	54314.7	2	75
ICRF J010838.7 + 013500	0106 + 013	01 08 38.77110945	01 35 00.3173261	0.00003602	0.0005294		49677.4	44446.9	54907.9	1594	37672
ICRF J011137.3 + 390628	0108 + 388	01 11 37.31677543	39 06 28.1038332	0.00000705	0.0001018	0.064	50865.7	49099.7	53129.7	9	497
ICRF J011218.9 − 663445	0110 − 668	01 12 18.91294900	−66 34 45.1876545	0.00003397	0.0003235	0.438	54065.1	53223.4	54706.7	14	43
ICRF J011343.1 + 022217	0111 + 021	01 13 43.14494950	02 22 17.3163553	0.00000342	0.0000629	−0.332	51625.1	47023.7	54865.7	249	3195
ICRF J011354.5 + 132452	0111 + 131	01 13 54.51036043	13 24 52.4779374	0.00005124	0.0008155	−0.072	53936.7	50156.3	54314.7	2	33
ICRF J011457.3 − 241944	0112 − 245	01 14 57.32646442	−24 19 44.6782839	0.00004598	0.0014560	0.307	54818.7	54818.7	54818.7	1	36
ICRF J011517.0 − 012704	0112 − 017	01 15 17.09995842	−01 27 04.5771667	0.00000494	0.0001110	−0.491	50213.9	47278.8	52340.7	63	517
ICRF J011523.8 − 280455	0113 − 283	01 15 23.88362096	−28 04 55.2236573	0.00002148	0.0005635	−0.174	51274.3	50688.3	54643.7	2	81
ICRF J011612.5 − 113615	0113 − 118	01 16 12.52201569	−11 36 15.4343096	0.00000502	0.0001355	−0.364	50957.6	47176.5	53503.7	36	496
ICRF J011748.7 − 211106	0115 − 214	01 17 48.78012894	−21 11 06.6330095	0.00000644	0.0001296	−0.089	52829.6	50632.3	54901.7	12	397
ICRF J011935.0 + 321050	0116 + 319	01 19 35.00346907	32 10 50.0583319	0.00029808	0.0035012	−0.380	51365.0	48787.9	54440.7	6	25
ICRF J012031.6 − 270124	0118 − 272	01 20 31.66336979	−27 01 24.6525053	0.00000964	0.0001831	−0.268	52167.6	49650.8	54684.7	30	360
ICRF J012156.8 + 042224	0119 + 041	01 21 56.86169956	04 22 24.7343340	0.00000277	0.0000433	−0.037	49896.8	46977.9	54844.7	1706	43604
ICRF J012238.8 + 250231	0119 + 247	01 22 38.81598841	25 02 31.7928347	0.00001013	0.0002578	−0.050	50657.4	50219.8	53306.8	3	94
ICRF J012425.8 + 561851	0121 + 560	01 24 25.82700660	56 18 51.9175106	0.00008694	0.0010764	0.317	50277.8	49577.0	54482.7	2	49
ICRF J012457.3 − 511316	0122 − 514	01 24 57.39146872	−51 13 16.1674400	0.00001930	0.0002844	0.425	54103.7	53382.7	54726.7	9	48
ICRF J012528.8 − 000555	0122 − 003	01 25 28.84381760	−00 05 55.9317692	0.00000924	0.0002871	−0.257	50913.2	50576.2	53609.2	2	81
ICRF J012633.8 − 151834	0124 − 155	01 26 33.89073340	−15 18 34.1168187	0.00001846	0.0005962	0.004	54657.8	54657.8	54657.8	1	59
ICRF J012642.7 + 255901	0123 + 257	01 26 42.79264015	25 59 01.3001582	0.00000406	0.0000772	−0.076	52132.0	48378.8	54643.7	24	1264
ICRF J012830.5 + 630629	0125 + 628	01 28 30.56509504	63 06 29.8824504	0.00008614	0.0003934	−0.242	53978.7	53978.7	53978.7	1	81
ICRF J013027.6 + 084246	0127 + 084	01 30 27.63444929	08 42 46.1722245	0.00001807	0.0006003	−0.300	50203.2	49914.7	51927.8	5	97
ICRF J013243.4 − 165448	0130 − 171	01 32 43.48746261	−16 54 48.5218416	0.00000633	0.0000955	−0.039	52224.5	50632.3	54741.8	36	457
ICRF J013435.6 − 093102	0132 − 097	01 34 35.66662046	−09 31 02.8787711	0.00008811	0.0018082	0.725	53702.2	52409.7	54440.7	2	22
ICRF J013738.3 − 243053	0135 − 247	01 37 38.34645327	−24 30 53.8853577	0.00000556	0.0000873	0.027	52639.5	47640.2	54684.7	39	789
ICRF J013741.2 + 330935	0134 + 329	01 37 41.29949941	33 09 35.1337711	0.00005872	0.0008549	0.550	48893.9	48194.7	50460.3	11	79
ICRF J013941.9 + 175307	0136 + 176	01 39 41.97919686	17 53 07.5497043	0.00003109	0.0005886	−0.107	50930.6	50085.5	54664.7	3	136
ICRF J013957.3 + 013146	0137 + 012	01 39 57.30581788	01 31 46.1384878	0.00002700	0.0007689	−0.135	54314.7	54314.7	54314.7	1	42
ICRF J014043.0 + 465828	0137 + 467	01 40 43.07249471	46 58 28.4907159	0.00023789	0.0025340	−0.271	52561.1	50306.3	54314.7	2	16
ICRF J014658.7 + 211024	0144 + 209	01 46 58.78393123	21 10 24.3808888	0.00011021	0.0020953	−0.915	51883.5	50085.5	54440.7	3	54
ICRF J014922.3 + 055553	0146 + 056	01 49 22.37088693	05 55 53.5686380	0.00000401	0.0000829	−0.262	50429.1	47288.7	51660.8	57	990
ICRF J015002.6 − 072548	0147 − 076	01 50 02.69726779	−07 25 48.4877676	0.00006895	0.0034783	−0.292	50701.2	49535.0	53523.9	8	18
ICRF J015127.1 + 274441	0148 + 274	01 51 27.14618081	27 44 41.7936492	0.00000496	0.0000825	−0.220	52145.1	48720.9	54818.7	21	1053
ICRF J015218.0 + 220707	0149 + 218	01 52 18.05904586	22 07 07.6998109	0.00000347	0.0000585	−0.129	52043.9	46977.9	54907.7	73	2005

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J015232.0 − 141239	0150 − 144	01 52 32.01247878	−14 12 39.3940762	0.00004133	0.0011615	−0.523	51528.4	50632.3	54664.7	2	63
ICRF J015310.1 − 331025	0150 − 334	01 53 10.12174468	−33 10 25.8617364	0.00001723	0.0001612	−0.310	53241.8	48162.4	54741.8	24	183
ICRF J015537.0 − 404842	0153 − 410	01 55 37.05932763	−40 48 42.3558778	0.00011665	0.0013459	0.033	51102.6	48766.9	52409.7	5	24
ICRF J015649.7 − 543948	0155 − 549	01 56 49.71191560	−54 39 48.4969996	0.00101580	0.0088726	−0.944	54723.8	54723.8	54723.8	1	5
ICRF J015734.9 + 744243	0153 + 744	01 57 34.96492103	74 42 43.2298289	0.00002534	0.0000981	0.056	51012.0	47019.9	54641.7	23	686
ICRF J020157.1 − 113233	0159 − 117	02 01 57.17936397	−11 32 33.4367645	0.00001216	0.0003977	−0.483	54187.7	54187.7	54187.7	1	80
ICRF J020206.8 − 055900	0159 − 062	02 02 06.86471237	−05 59 00.1222338	0.00005041	0.0017775	−0.705	52620.7	52620.7	52620.7	1	42
ICRF J020213.6 − 762003	0202 − 765	02 02 13.69365065	−76 20 03.0630831	0.00011822	0.0004528	0.073	52186.5	48110.9	54457.4	3	20
ICRF J020307.8 + 810613	0157 + 808	02 03 07.87127925	81 06 13.2102719	0.00027449	0.0005482	−0.551	54440.7	54440.7	54440.7	1	34
ICRF J020346.6 + 113445	0201 + 113	02 03 46.65705872	11 34 45.4095674	0.00000287	0.0000462	−0.187	52079.3	47605.1	54872.7	809	12247
ICRF J020434.7 + 090349	0201 + 088	02 04 34.75930320	09 03 49.2628247	0.00006048	0.0009175	−0.156	50164.8	49914.7	51386.3	3	32
ICRF J020450.4 + 151411	0202 + 149	02 04 50.41389571	15 14 11.0436591	0.00001956	0.0004885		50264.7	46976.4	53552.9	928	33540
ICRF J020457.6 − 170119	0202 − 172	02 04 57.67434602	−17 01 19.8403980	0.00000473	0.0000939	−0.036	52292.4	47171.5	54844.7	28	941
ICRF J020750.9 − 683755	0206 − 689	02 07 50.93164800	−68 37 55.1623368	0.00007109	0.0009027	0.163	54723.8	54723.8	54723.8	1	10
ICRF J020834.9 − 173934	0206 − 178	02 08 34.94335368	−17 39 34.6808751	0.00002495	0.0009976	−0.095	54818.7	54818.7	54818.7	1	27
ICRF J020930.7 − 043826	0206 − 048	02 09 30.76671938	−04 38 26.1462824	0.00002655	0.0010254	−0.713	52480.8	52480.8	52480.8	1	78
ICRF J020935.9 + 135200	0206 + 136	02 09 35.99831933	13 52 00.7519781	0.00000887	0.0002086	0.062	51715.4	50085.5	54893.7	8	342
ICRF J021016.5 − 073720	0207 − 078	02 10 16.52891524	−07 37 20.6940433	0.00028525	0.0049584	0.312	53323.1	52480.8	53552.8	2	14
ICRF J021046.2 − 510101	0208 − 512	02 10 46.20042509	−51 01 01.8917929	0.00006579	0.0007452		51435.2	47966.3	54904.0	487	6244
ICRF J021148.7 + 170722	0209 + 168	02 11 48.77888204	17 07 22.7211079	0.00004723	0.0007091	−0.691	53972.7	50085.5	54314.7	3	61
ICRF J021222.6 − 174614	0210 − 180	02 12 22.64358846	−17 46 14.3426753	0.00001928	0.0006334	0.124	54657.8	54657.8	54657.8	1	59
ICRF J021316.6 − 071932	0210 − 075	02 13 16.67057233	−07 19 32.4733714	0.00003024	0.0011001	−0.350	52480.8	52480.8	52480.8	1	39
ICRF J021444.9 + 172249	0211 + 171	02 14 44.91285639	17 22 49.5108724	0.00004492	0.0009934	−0.369	54278.7	54278.7	54278.7	1	36
ICRF J021511.5 − 034307	0212 − 039	02 15 11.50649024	−03 43 07.8951607	0.00004619	0.0012743	0.318	52480.8	52480.8	52480.8	1	41
ICRF J021603.1 − 520012	0214 − 522	02 16 03.19777212	−52 00 12.4763135	0.00009827	0.0020510	−0.507	53438.5	52887.6	54457.4	4	23
ICRF J021605.6 − 011803	0213 − 015	02 16 05.66384766	−01 18 03.3971335	0.00002142	0.0007551	−0.532	52543.7	52543.7	52543.7	1	68
ICRF J021612.2 − 010518	0213 − 013	02 16 12.21194265	−01 05 18.8260068	0.00002443	0.0012426	−0.596	52543.7	52543.7	52543.7	1	55
ICRF J021730.8 + 734932	0212 + 735	02 17 30.81337130	73 49 32.6217403	0.00012312	0.0003832		47085.2	44343.3	49827.1	1264	45839
ICRF J021754.9 − 012150	0215 − 015	02 17 54.99937841	−01 21 50.7186715	0.00001541	0.0005650	−0.332	52543.7	52543.7	52543.7	1	130
ICRF J021907.0 + 012059	0216 + 011	02 19 07.02450872	01 20 59.8660375	0.00001212	0.0004132	−0.373	50116.2	49914.7	54482.7	2	136
ICRF J022239.6 + 430207	0219 + 428	02 22 39.61149612	43 02 07.7988160	0.00000530	0.0000694	−0.073	52776.8	48650.8	54858.7	20	942
ICRF J022256.4 − 344128	0220 − 349	02 22 56.40164259	−34 41 28.7301331	0.00000634	0.0001086	−0.073	53348.0	47640.2	54713.7	43	793
ICRF J022311.4 + 425931	0220 + 427	02 23 11.41126357	42 59 31.3846772	0.00003344	0.0004492	0.213	52709.0	51449.7	53068.7	2	45
ICRF J022313.0 − 020507	0220 − 023	02 23 13.04052698	−02 05 07.9340509	0.00002397	0.0009015	−0.614	52620.7	52620.7	52620.7	1	77
ICRF J022502.8 − 231248	0222 − 234	02 25 02.82145678	−23 12 48.4858646	0.00002547	0.0008721	−0.116	54657.8	54657.8	54657.8	1	49

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J022647.6 − 184339	0224 − 189	02 26 47.62838853	−18 43 39.2380923	0.00010283	0.0029125	−0.812	54657.8	54657.8	54657.8	1	19
ICRF J022821.5 − 554603	0226 − 559	02 28 21.59837319	−55 46 03.2803936	0.00005351	0.0008889	0.447	54723.8	54723.8	54723.8	1	9
ICRF J022850.0 + 672103	0224 + 671	02 28 50.05148948	67 21 03.0293039	0.00000813	0.0000505	−0.017	50705.5	44090.5	54893.7	64	3059
ICRF J022928.4 − 364356	0227 − 369	02 29 28.44906605	−36 43 56.8221968	0.00001209	0.0001286	−0.095	53696.4	52306.7	54907.7	10	139
ICRF J023045.7 + 403253	0227 + 403	02 30 45.71079962	40 32 53.0686036	0.00001592	0.0003704	−0.110	50681.4	50242.8	54482.7	2	87
ICRF J023220.7 + 231756	0229 + 230	02 32 20.75649631	23 17 56.8588109	0.00002644	0.0006545	−0.495	50409.4	50085.5	54482.7	3	171
ICRF J023838.9 + 163659	0235 + 164	02 38 38.93010666	16 36 59.2745843	0.00001242	0.0002401		49675.4	44446.9	54904.0	819	52429
ICRF J023951.2 + 041621	0237 + 040	02 39 51.26304399	04 16 21.4119085	0.00000588	0.0001331	−0.363	50722.1	47941.3	52809.7	31	599
ICRF J024008.1 − 230915	0237 − 233	02 40 08.17446359	−23 09 15.7295913	0.00000803	0.0001286	0.036	51281.3	48126.7	54741.8	50	619
ICRF J024104.7 − 081520	0238 − 084	02 41 04.79850256	−08 15 20.7517956	0.00005640	0.0008492		48876.2	47176.0	50576.4	253	5815
ICRF J024224.2 + 174258	0239 + 175	02 42 24.26827887	17 42 58.8489234	0.00001263	0.0003461	−0.336	52036.1	50085.5	54901.7	8	219
ICRF J024229.1 + 110100	0239 + 108	02 42 29.17085456	11 01 00.7279554	0.00000346	0.0000648	−0.229	51463.4	47626.5	54803.7	107	1411
ICRF J024457.6 + 622806	0241 + 622	02 44 57.69668137	62 28 06.5154803	0.00005477	0.0003312	0.143	51607.0	48223.7	53051.1	6	95
ICRF J024554.1 − 445939	0244 − 452	02 45 54.11075319	−44 59 39.6104520	0.00005747	0.0021778	−0.668	54489.7	54489.7	54489.7	1	21
ICRF J024918.0 + 061951	0246 + 061	02 49 18.01610629	06 19 51.9478626	0.00001074	0.0002750	−0.147	50637.6	49914.7	54643.7	2	157
ICRF J025134.5 + 431515	0248 + 430	02 51 34.53674204	43 15 15.8291997	0.00000534	0.0000711	−0.105	52327.4	47931.6	54872.7	26	1053
ICRF J025246.1 − 710435	0252 − 712	02 52 46.15468371	−71 04 35.2664607	0.00110102	0.0093299	−0.188	52359.0	48162.4	54457.4	2	6
ICRF J025329.1 − 544151	0252 − 549	02 53 29.18040448	−54 41 51.4358949	0.00001405	0.0001612	0.302	52697.1	47626.5	54706.7	31	134
ICRF J025334.8 + 180542	0250 + 178	02 53 34.88223856	18 05 42.5243511	0.00002861	0.0007331	0.323	53167.0	48977.5	53561.9	5	52
ICRF J025634.9 + 133435	0253 + 133	02 56 34.98467213	13 34 35.3449284	0.00002194	0.0006299	−0.460	50400.8	50085.5	52443.7	4	126
ICRF J025642.6 − 331521	0254 − 334	02 56 42.60272702	−33 15 21.2769138	0.00001494	0.0003861	0.188	52936.3	52306.7	54684.7	11	80
ICRF J025927.0 + 074739	0256 + 075	02 59 27.07662273	07 47 39.6429493	0.00000382	0.0000869	−0.145	51807.8	47011.4	54818.7	77	1196
ICRF J025928.5 − 001959	0256 − 005	02 59 28.51615516	−00 19 59.9752617	0.00000504	0.0001155	0.118	53588.9	50576.2	54907.7	8	293
ICRF J030123.6 + 011835	0258 + 011	03 01 23.60695282	01 18 35.9970506	0.00003517	0.0010696	−0.219	52406.5	49914.7	54664.7	2	61
ICRF J030230.5 + 121856	0259 + 121	03 02 30.54675745	12 18 56.7521483	0.00001229	0.0002790	−0.236	50194.4	47941.3	52480.8	20	261
ICRF J030326.5 − 240711	0301 − 243	03 03 26.50287454	−24 07 11.4272168	0.00002641	0.0008540	0.073	54657.8	54657.8	54657.8	1	53
ICRF J030826.2 + 040639	0305 + 039	03 08 26.22380280	04 06 39.3008111	0.00000422	0.0000832	−0.005	52816.8	50303.8	54614.7	33	1048
ICRF J031155.2 − 765150	0312 − 770	03 11 55.25018411	−76 51 50.8483062	0.00013283	0.0004376	0.606	50369.0	48110.9	53129.7	8	36
ICRF J031521.1 + 101243	0312 + 100	03 15 21.13979960	10 12 43.0834865	0.00002594	0.0007428	−0.505	54278.7	54278.7	54278.7	1	59
ICRF J031733.6 − 280318	0315 − 282	03 17 33.69963653	−28 03 18.6007140	0.00017539	0.0069667	0.194	54818.7	54818.7	54818.7	1	12
ICRF J031757.6 − 441417	0316 − 444	03 17 57.67935755	−44 14 17.1324973	0.00059962	0.0427226	0.632	54601.7	54601.7	54601.7	1	3
ICRF J031905.5 − 161347	0316 − 164	03 19 05.52800138	−16 13 47.0465517	0.00002237	0.0007830	0.024	54657.8	54657.8	54657.8	1	54
ICRF J031948.1 + 413042	0316 + 413	03 19 48.16009577	41 30 42.1037450	0.00010848	0.0036974		47166.4	44090.1	50242.7	172	5284
ICRF J031951.2 + 190131	0317 + 188	03 19 51.25672225	19 01 31.2911273	0.00000460	0.0000847	−0.203	51848.9	48942.5	54803.7	51	1103
ICRF J032019.1 − 170239	0318 − 172	03 20 19.10743317	−17 02 39.1336754	0.00006296	0.0015956	−0.410	54657.8	54657.8	54657.8	1	22

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J032153.1 + 122113	0319 + 121	03 21 53.10350836	12 21 13.9537265	0.00000355	0.0000734	−0.201	52678.6	47019.9	54713.7	41	1297
ICRF J032743.3 − 180342	0325 − 182	03 27 43.34162433	−18 03 42.0277724	0.00005109	0.0014594	−0.603	54657.8	54657.8	54657.8	1	25
ICRF J032754.1 + 023341	0325 + 023	03 27 54.19501256	02 33 41.9825439	0.00002551	0.0005895	0.528	52877.9	51492.8	53068.7	3	39
ICRF J032850.3 + 394044	0325 + 395	03 28 50.31328133	39 40 44.5322072	0.00059442	0.0193020	−0.766	52569.6	50242.8	54314.7	2	7
ICRF J032957.6 + 275615	0326 + 277	03 29 57.66941462	27 56 15.4992344	0.00000857	0.0001258	−0.424	50277.7	47165.8	54643.7	32	354
ICRF J033409.9 + 022609	0331 + 022	03 34 09.94771967	02 26 09.6483089	0.00017068	0.0028857	0.253	50731.8	50554.8	50800.8	3	14
ICRF J033453.3 + 080014	0332 + 078	03 34 53.31667568	08 00 14.4192305	0.00000861	0.0001733	−0.047	52490.8	49914.7	54858.7	6	288
ICRF J033630.1 + 321829	0333 + 321	03 36 30.10760600	32 18 29.3422210	0.00000367	0.0000513	−0.095	51855.0	44773.8	54893.7	109	2646
ICRF J033654.0 − 361606	0335 − 364	03 36 54.02351047	−36 16 06.2242474	0.00002259	0.0003815	0.039	51996.3	50919.8	53080.7	15	96
ICRF J033717.1 + 013722	0334 + 014	03 37 17.10809226	01 37 22.7494775	0.00035581	0.0057375	0.766	52340.9	49177.8	53503.7	5	16
ICRF J033755.4 − 120404	0335 − 122	03 37 55.45156436	−12 04 04.5440639	0.00018346	0.0042882	0.244	51425.5	50576.2	54482.7	2	23
ICRF J033900.9 − 013317	0336 − 017	03 39 00.98623295	−01 33 17.6068729	0.00005813	0.0012202	0.408	54187.7	54187.7	54187.7	1	17
ICRF J033930.9 − 014635	0336 − 019	03 39 30.93778751	−01 46 35.8041062	0.00000273	0.0000421	−0.010	52350.5	44773.8	54903.8	1767	62909
ICRF J034035.6 − 211931	0338 − 214	03 40 35.60786053	−21 19 31.1720263	0.00000486	0.0001015	−0.100	51887.9	46875.8	54880.7	40	871
ICRF J034328.9 + 362212	0340 + 362	03 43 28.95239734	36 22 12.4295041	0.00000870	0.0001791	0.168	52229.4	50242.8	54810.7	5	186
ICRF J034423.1 + 155943	0341 + 158	03 44 23.17216227	15 59 43.3693414	0.00000666	0.0001714	−0.042	50804.5	47394.1	53306.8	30	466
ICRF J034918.7 + 460959	0345 + 460	03 49 18.74156886	46 09 59.6579051	0.00000607	0.0000799	−0.179	53763.3	50306.3	54852.7	14	441
ICRF J034957.8 − 210247	0347 − 211	03 49 57.82667457	−21 02 47.7414283	0.00000592	0.0001397	−0.016	52744.6	50632.3	54907.7	8	353
ICRF J035430.0 + 464318	0350 + 465	03 54 30.01165255	46 43 18.7503476	0.00001490	0.0002304	−0.058	51664.5	50306.3	53609.2	2	107
ICRF J035547.8 − 664533	0355 − 669	03 55 47.88343240	−66 45 33.8171785	0.00003886	0.0001936	0.538	53802.8	52861.2	54726.7	22	85
ICRF J035721.6 + 231953	0354 + 231	03 57 21.60988566	23 19 53.8255336	0.00001715	0.0003430	−0.144	50583.7	50085.5	52989.7	4	156
ICRF J035721.9 − 481215	0355 − 483	03 57 21.91786833	−48 12 15.1607592	0.00007463	0.0020296	0.777	49394.5	48162.4	52884.6	5	14
ICRF J035746.1 + 054231	0355 + 055	03 57 46.12566530	05 42 31.2584546	0.00005540	0.0009312	0.047	51472.1	49914.7	54664.7	2	61
ICRF J035830.1 + 560644	0354 + 559	03 58 30.18819697	56 06 44.4602032	0.00002794	0.0002599	−0.108	52487.7	52409.7	53306.8	2	69
ICRF J035929.7 + 505750	0355 + 508	03 59 29.74726473	50 57 50.1615765	0.00000547	0.0000563	0.015	47004.5	44090.5	54643.7	515	15323
ICRF J035933.6 − 261531	0357 − 263	03 59 33.68176810	−26 15 31.3289008	0.00012095	0.0038728	−0.303	50966.7	50632.3	54643.7	3	52
ICRF J040119.9 + 041334	0358 + 040	04 01 19.91296419	04 13 34.4076427	0.00001652	0.0003446	−0.266	53608.0	53607.8	53609.2	2	72
ICRF J040221.2 − 314725	0400 − 319	04 02 21.26601027	−31 47 25.9453862	0.00000799	0.0001249	−0.166	52445.1	48766.9	54858.7	40	501
ICRF J040305.5 + 260001	0400 + 258	04 03 05.58606763	26 00 01.5028075	0.00000392	0.0000626	−0.144	52219.9	47005.8	54830.7	64	1433
ICRF J040612.2 − 174957	0403 − 179	04 06 12.24452896	−17 49 57.9270574	0.00002078	0.0006976	−0.119	51895.1	50632.3	54664.7	3	128
ICRF J040639.3 − 235503	0404 − 240	04 06 39.34005637	−23 55 03.7878438	0.00002306	0.0007953	−0.174	54657.8	54657.8	54657.8	1	51
ICRF J040748.4 − 121136	0405 − 123	04 07 48.43097979	−12 11 36.6593538	0.00000472	0.0000944	0.011	52751.1	48766.9	54768.6	30	718
ICRF J040820.3 + 303230	0405 + 304	04 08 20.37757204	30 32 30.4899512	0.00001871	0.0004409	0.472	50962.8	49033.6	52711.7	15	175
ICRF J040820.3 − 654509	0407 − 658	04 08 20.37827830	−65 45 09.0802788	0.00058504	0.0044385	−0.585	50905.8	48162.4	54457.4	4	20
ICRF J040905.7 − 123848	0406 − 127	04 09 05.76972193	−12 38 48.1438071	0.00000515	0.0001195	−0.321	52110.5	47777.3	54852.7	31	646

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J040922.0 + 121739	0406 + 121	04 09 22.00871268	12 17 39.8477204	0.00000404	0.0000779	−0.227	51952.2	46977.9	54810.7	56	1223
ICRF J041243.6 + 230505	0409 + 229	04 12 43.66686761	23 05 05.4526057	0.00000521	0.0000944	−0.215	51594.1	50085.5	54664.7	19	746
ICRF J041340.3 + 111214	0410 + 110	04 13 40.34101427	11 12 14.7860303	0.00001748	0.0004474	−0.203	54314.7	54314.7	54314.7	1	68
ICRF J041821.2 + 380135	0415 + 379	04 18 21.27722894	38 01 35.8001267	0.00000929	0.0001414	0.107	51847.8	51464.8	52409.7	6	151
ICRF J041922.5 + 395528	0415 + 398	04 19 22.54953540	39 55 28.9775927	0.00000621	0.0000855	−0.117	53814.6	50242.8	54907.7	9	470
ICRF J042244.3 + 532426	0418 + 532	04 22 44.39886992	53 24 26.2633216	0.00002666	0.0003752	0.211	51396.9	49577.0	54482.7	2	62
ICRF J042252.2 + 021926	0420 + 022	04 22 52.21465772	02 19 26.9310614	0.00000554	0.0001372	−0.083	52931.7	49914.7	54830.7	6	388
ICRF J042301.9 + 210802	0420 + 210	04 23 01.98838893	21 08 02.1273102	0.00002433	0.0004433	0.123	52480.8	52480.8	52480.8	1	75
ICRF J042356.0 + 415002	0420 + 417	04 23 56.00979059	41 50 02.7129192	0.00000447	0.0000534	0.015	52715.8	47568.6	54880.7	34	1810
ICRF J042423.4 + 144216	0421 + 145	04 24 23.49064749	14 42 16.6830492	0.00005981	0.0009406	−0.124	53005.7	50085.5	54440.7	3	51
ICRF J042442.2 − 375620	0422 − 380	04 24 42.24370765	−37 56 20.7841314	0.00000647	0.0001026	0.074	52854.1	48162.4	54837.7	35	559
ICRF J042636.6 + 051819	0423 + 051	04 26 36.60410631	05 18 19.8723567	0.00000620	0.0001682	0.003	51454.3	48194.7	54718.7	23	349
ICRF J042655.7 + 232739	0423 + 233	04 26 55.73479309	23 27 39.6336400	0.00001638	0.0004501	−0.340	50678.3	50085.5	53087.7	9	148
ICRF J042655.9 + 235026	0423 + 237	04 26 55.97038882	23 50 26.5821980	0.00017023	0.0028270	−0.896	53180.6	50156.3	54314.7	2	22
ICRF J042747.5 + 045708	0425 + 048	04 27 47.57053172	04 57 08.3256492	0.00000798	0.0001724	−0.599	51194.6	47394.1	52543.7	21	269
ICRF J042835.6 + 173223	0425 + 174	04 28 35.63368356	17 32 23.5879892	0.00002547	0.0005490	−0.317	50760.9	50085.5	54643.7	3	152
ICRF J042840.4 − 375619	0426 − 380	04 28 40.42427648	−37 56 19.5804718	0.00000908	0.0000977	−0.177	52754.0	47640.2	54684.7	26	341
ICRF J043221.1 − 510925	0431 − 512	04 32 21.17828086	−51 09 25.1859674	0.00011370	0.0017112	0.593	50342.3	48043.8	52941.7	6	13
ICRF J043311.0 + 052115	0430 + 052	04 33 11.09552741	05 21 15.6192233	0.00004752	0.0005255		49496.0	44090.1	54901.9	113	8116
ICRF J043334.1 − 603013	0432 − 606	04 33 34.10843747	−60 30 13.7696002	0.00004735	0.0008161	0.446	54723.8	54723.8	54723.8	1	8
ICRF J043701.4 − 184448	0434 − 188	04 37 01.48273818	−18 44 48.6134950	0.00000350	0.0000732	−0.355	52532.5	46875.8	54887.7	289	2789
ICRF J043835.0 − 125103	0436 − 129	04 38 35.02100809	−12 51 03.3591794	0.00000728	0.0002167	−0.101	53041.9	50576.2	54901.7	8	249
ICRF J044017.1 − 433308	0438 − 436	04 40 17.17996781	−43 33 08.6042469	0.00006168	0.0010163		51359.4	49565.8	53153.1	49	345
ICRF J044238.6 − 001743	0440 − 003	04 42 38.66073910	−00 17 43.4203921	0.00000391	0.0000982	−0.044	51097.3	47011.4	52900.7	23	836
ICRF J044611.4 + 390017	0442 + 389	04 46 11.49405608	39 00 17.1006086	0.00001046	0.0002074	0.314	53018.8	50242.8	54887.7	5	220
ICRF J044848.5 − 741731	0450 − 743	04 48 48.55799992	−74 17 31.2459379	0.00008385	0.0004333	0.077	53501.2	50182.6	54457.4	3	24
ICRF J044923.3 + 633209	0444 + 634	04 49 23.31057391	63 32 09.4339675	0.00000778	0.0000554	−0.092	50775.7	49422.9	51569.8	8	1100
ICRF J045118.7 + 593532	0446 + 595	04 51 18.72179366	59 35 32.1835582	0.00001611	0.0001411	−0.438	53768.8	53768.8	53768.8	1	168
ICRF J045314.6 − 280737	0451 − 282	04 53 14.64679549	−28 07 37.3265546	0.00003048	0.0011491		50155.2	47176.0	53134.3	51	914
ICRF J045550.7 − 461558	0454 − 463	04 55 50.77252761	−46 15 58.6797411	0.00001594	0.0002778	0.386	53337.3	49015.7	54670.7	16	80
ICRF J045608.9 − 215909	0454 − 220	04 56 08.92369931	−21 59 09.3972824	0.00008143	0.0022914	−0.221	54657.8	54657.8	54657.8	1	25
ICRF J045848.7 + 060803	0456 + 060	04 58 48.77157953	06 08 03.8593391	0.00001615	0.0007933	−0.393	54125.8	54125.8	54125.8	1	59
ICRF J045952.0 + 022931	0457 + 024	04 59 52.05066226	02 29 31.1765607	0.00000471	0.0000842	0.048	50909.2	47005.8	54865.7	80	1851
ICRF J050215.4 + 060907	0459 + 060	05 02 15.44593988	06 09 07.4940469	0.00000771	0.0001661	−0.117	50575.1	47394.1	52340.7	15	334
ICRF J050233.2 + 133810	0459 + 135	05 02 33.21951320	13 38 10.9589537	0.00000702	0.0001672	0.116	51088.0	50085.5	53543.7	9	320

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J050258.4 + 251625	0459 + 252	05 02 58.47478439	25 16 25.2761557	0.00001448	0.0003658	−0.214	54125.8	54125.8	54125.8	1	67
ICRF J050321.1 + 020304	0500 + 019	05 03 21.19717510	02 03 04.6763382	0.00000636	0.0001440	−0.352	50459.6	47394.1	52403.7	20	318
ICRF J050401.7 − 604952	0503 − 608	05 04 01.70113203	−60 49 52.5394101	0.00003104	0.0002201	0.369	52491.4	48110.9	54706.7	19	72
ICRF J050523.1 + 045942	0502 + 049	05 05 23.18472342	04 59 42.7245908	0.00000375	0.0000698	−0.009	51900.7	47394.1	54571.7	32	1023
ICRF J051138.3 + 135719	0508 + 138	05 11 38.31965584	13 57 19.1936032	0.00000809	0.0001479	0.078	50875.0	50085.5	53509.7	10	263
ICRF J051241.0 + 151723	0509 + 152	05 12 41.01297844	15 17 23.4809225	0.00001527	0.0002540	0.322	50788.4	50085.5	52457.7	4	136
ICRF J051349.1 − 215916	0511 − 220	05 13 49.11432090	−21 59 16.0920584	0.00000795	0.0001951	−0.466	50809.3	47176.5	53045.7	22	284
ICRF J051418.6 + 560211	0510 + 559	05 14 18.69961861	56 02 11.0541730	0.00017351	0.0011005	0.015	50085.8	49577.0	54664.7	2	30
ICRF J051615.9 − 160307	0514 − 161	05 16 15.92934671	−16 03 07.6346324	0.00002675	0.0007386	−0.088	50858.8	50632.3	54482.7	2	68
ICRF J051637.7 − 723707	0517 − 726	05 16 37.71907047	−72 37 07.4657369	0.00016536	0.0005234	0.615	50325.2	48757.4	53143.7	6	19
ICRF J052109.8 + 163822	0518 + 165	05 21 09.88592749	16 38 22.0517668	0.00000765	0.0001176	−0.146	51503.9	47931.6	54592.7	18	275
ICRF J052245.1 + 141529	0519 + 142	05 22 45.14668319	14 15 29.2831655	0.00012026	0.0013232	−0.163	54314.7	54314.7	54314.7	1	38
ICRF J052257.9 − 362730	0521 − 365	05 22 57.98464282	−36 27 30.8510772	0.00000577	0.0000832	0.101	52111.5	48110.9	54741.8	158	768
ICRF J052648.3 − 234255	0524 − 237	05 26 48.38545375	−23 42 55.8592183	0.00007492	0.0022858	0.517	54657.8	54657.8	54657.8	1	29
ICRF J052718.6 − 230736	0525 − 231	05 27 18.60815425	−23 07 36.9998310	0.00002520	0.0009345	0.003	54657.8	54657.8	54657.8	1	55
ICRF J052930.0 − 724528	0530 − 727	05 29 30.04217690	−72 45 28.5072742	0.00001992	0.0000922	−0.045	50696.7	47626.5	54723.8	85	380
ICRF J052957.0 − 251558	0527 − 253	05 29 57.06738006	−25 15 58.9321421	0.00001501	0.0003695	−0.234	54818.7	54818.7	54818.7	1	70
ICRF J053007.9 − 250329	0528 − 250	05 30 07.96279681	−25 03 29.8994010	0.00000611	0.0001648	−0.254	50919.4	47640.2	52991.8	21	485
ICRF J053056.4 + 133155	0528 + 134	05 30 56.41674659	13 31 55.1495251	0.00002069	0.0003484		49835.5	44774.0	54897.0	3087	123505
ICRF J053238.9 + 073243	0529 + 075	05 32 38.99848582	07 32 43.3456821	0.00004945	0.0006960	0.145	49354.7	44773.8	54643.7	13	100
ICRF J053932.0 − 155030	0537 − 158	05 39 32.01013430	−15 50 30.3209793	0.00000848	0.0002390	−0.028	50993.3	47777.3	54684.7	29	263
ICRF J054138.0 − 054149	0539 − 057	05 41 38.08336927	−05 41 49.4283315	0.00000498	0.0001281	−0.171	51700.1	47176.5	54741.8	32	679
ICRF J054150.7 − 733215	0543 − 735	05 41 50.77592742	−73 32 15.3474452	0.00008687	0.0005558	0.078	53624.2	52887.6	54457.4	4	39
ICRF J054212.7 − 265842	0540 − 270	05 42 12.71350421	−26 58 42.5403395	0.00005474	0.0023760	−0.718	54818.7	54818.7	54818.7	1	22
ICRF J054236.1 + 495107	0538 + 498	05 42 36.13789843	49 51 07.2337251	0.00000617	0.0000666	0.071	52398.3	48538.8	54601.7	18	1272
ICRF J055047.3 + 232648	0547 + 234	05 50 47.39089525	23 26 48.1769181	0.00001027	0.0001847	−0.026	53017.9	52306.7	53609.2	20	153
ICRF J055217.9 + 375425	0548 + 378	05 52 17.93691587	37 54 25.2823729	0.00000799	0.0001333	0.208	53246.3	50242.8	54907.7	8	280
ICRF J055225.8 + 191340	0549 + 192	05 52 25.88498477	19 13 40.2685538	0.00003613	0.0008451	−0.441	53154.1	52306.7	53609.2	3	74
ICRF J055704.7 + 241355	0554 + 242	05 57 04.71358097	24 13 55.2986398	0.00000487	0.0000920	0.217	52023.7	50065.8	53609.2	26	624
ICRF J060031.4 − 393702	0558 − 396	06 00 31.41755226	−39 37 02.1968374	0.00002922	0.0010068	0.154	54489.7	54489.7	54489.7	1	47
ICRF J060351.5 + 215937	0600 + 219	06 03 51.55701577	21 59 37.6986666	0.00001070	0.0003509	−0.045	53758.7	50168.7	54076.8	4	92
ICRF J060357.7 − 171628	0601 − 172	06 03 57.73244064	−17 16 28.2184809	0.00001078	0.0003573	−0.111	50937.5	50632.3	54643.7	2	92
ICRF J060455.1 + 242955	0601 + 245	06 04 55.12138298	24 29 55.0364929	0.00000512	0.0000890	−0.025	53016.9	52409.7	53609.2	27	259
ICRF J060550.8 + 403008	0602 + 405	06 05 50.85536574	40 30 08.1036615	0.00000747	0.0001114	−0.007	51123.3	50242.8	53150.7	6	271
ICRF J060752.6 + 672055	0602 + 673	06 07 52.67160861	67 20 55.4099805	0.00000717	0.0000416	−0.035	53507.3	49750.8	54907.7	507	38102

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J060759.6 − 083449	0605 − 085	06 07 59.69923743	−08 34 49.9781718	0.00000354	0.0000731	−0.175	51802.5	44773.8	54614.7	51	1150
ICRF J060859.6 − 222020	0606 − 223	06 08 59.68683826	−22 20 20.9566813	0.00000561	0.0001054	−0.083	53162.6	50632.3	54865.7	9	426
ICRF J060940.9 − 154240	0607 − 157	06 09 40.94953417	−15 42 40.6726003	0.00001795	0.0002052		50185.0	45466.0	54904.0	569	28581
ICRF J061048.8 + 724853	0604 + 728	06 10 48.87212758	72 48 53.1866539	0.00022199	0.0007863	0.044	51137.6	49827.5	54664.7	2	48
ICRF J061151.3 − 282759	0609 − 284	06 11 51.36536975	−28 27 59.8535636	0.00003091	0.0010544	0.349	54818.7	54818.7	54818.7	1	31
ICRF J061336.3 + 170824	0610 + 171	06 13 36.36007026	17 08 24.9454875	0.00002260	0.0007305	0.300	52468.6	52409.7	52758.7	3	65
ICRF J061350.1 + 260436	0610 + 260	06 13 50.13917401	26 04 36.7198424	0.00000898	0.0001477	−0.178	51801.1	50065.8	53306.8	16	275
ICRF J061357.6 + 130645	0611 + 131	06 13 57.69275496	13 06 45.4009267	0.00000429	0.0001080	−0.113	52270.9	47394.1	54657.8	33	1021
ICRF J061423.8 + 604621	0609 + 607	06 14 23.86617054	60 46 21.7559014	0.00000724	0.0000589	−0.185	52233.3	45466.3	54718.7	35	1745
ICRF J061635.9 − 345616	0614 − 349	06 16 35.98056063	−34 56 16.5584624	0.00055265	0.0105394	−0.361	52574.2	48766.9	53503.7	3	13
ICRF J061716.9 + 570116	0613 + 570	06 17 16.92255778	57 01 16.4234179	0.00001190	0.0001329	0.060	52662.6	49577.0	54865.7	5	238
ICRF J061732.3 − 363414	0615 − 365	06 17 32.32746590	−36 34 14.8322980	0.00162135	0.0186995	−0.850	50571.1	48766.9	52409.7	3	6
ICRF J061830.1 − 784302	0621 − 786	06 18 30.15868914	−78 43 02.1409006	0.00012187	0.0006326	0.228	54723.8	54723.8	54723.8	1	9
ICRF J062331.7 − 441302	0622 − 441	06 23 31.78599260	−44 13 02.5423812	0.00035826	0.0018948	−0.120	50894.2	48162.4	52409.7	4	16
ICRF J062419.0 + 385648	0620 + 389	06 24 19.02128916	38 56 48.7359920	0.00000534	0.0000748	−0.091	52532.1	49391.7	54803.7	21	827
ICRF J062603.0 + 820225	0615 + 820	06 26 03.00616906	82 02 25.5678202	0.00002752	0.0000585	−0.005	51626.5	47019.9	54732.7	47	1390
ICRF J062706.7 − 352915	0625 − 354	06 27 06.72938955	−35 29 15.3392815	0.00001838	0.0007460	−0.232	54489.7	54489.7	54489.7	1	57
ICRF J062839.6 − 671247	0628 − 671	06 28 39.60783728	−67 12 47.4054515	0.00008159	0.0008547	0.449	54723.8	54723.8	54723.8	1	6
ICRF J062857.4 − 624844	0628 − 627	06 28 57.48775014	−62 48 44.7443227	0.00067971	0.0019267	0.033	52963.3	52887.6	53138.8	3	17
ICRF J062923.7 − 195919	0627 − 199	06 29 23.76185955	−19 59 19.7235279	0.00000574	0.0001028	−0.056	52782.8	50632.3	54880.7	6	373
ICRF J063111.9 − 415426	0629 − 418	06 31 11.99803381	−41 54 26.9465039	0.00001145	0.0002415	0.207	52830.9	47626.5	54706.7	41	247
ICRF J063206.5 − 261414	0630 − 261	06 32 06.50174548	−26 14 14.0287463	0.00004877	0.0015632	−0.012	54272.8	53552.8	54440.7	2	37
ICRF J063243.1 + 155957	0629 + 160	06 32 43.13553829	15 59 57.6207697	0.00001077	0.0002865	0.144	51702.0	50085.5	54125.8	7	214
ICRF J063459.0 − 233511	0632 − 235	06 34 59.00099976	−23 35 11.9570699	0.00001537	0.0002566	0.109	53775.2	53503.7	54816.7	4	103
ICRF J063511.0 − 182126	0632 − 183	06 35 11.01302948	−18 21 26.2420081	0.00003705	0.0012115	−0.496	54601.7	54601.7	54601.7	1	32
ICRF J063519.4 − 262055	0633 − 26*B*	06 35 19.41623059	−26 20 55.7172875	0.00004030	0.0015466	−0.608	54559.7	54559.7	54559.7	1	38
ICRF J063520.9 − 262039	0633 − 263	06 35 20.90908181	−26 20 39.8664037	0.00002500	0.0009452	0.129	54408.0	53560.8	54559.7	3	45
ICRF J063540.8 − 582710	0634 − 584	06 35 40.82991826	−58 27 10.2764239	0.00005699	0.0009595	0.474	54723.8	54723.8	54723.8	1	7
ICRF J063546.5 − 751616	0637 − 752	06 35 46.50791481	−75 16 16.8153495	0.00013511	0.0003962		51265.3	47626.7	54904.0	399	5374
ICRF J063920.9 − 334600	0637 − 337	06 39 20.90463360	−33 46 00.1131870	0.00001445	0.0002421	0.149	52679.9	48865.8	54684.7	24	180
ICRF J064151.1 − 032048	0639 − 032	06 41 51.13294565	−03 20 48.5824642	0.00000889	0.0002770	−0.250	53043.2	52409.7	53609.2	2	142
ICRF J064204.2 + 675835	0636 + 680	06 42 04.25740247	67 58 35.6207886	0.00001074	0.0000616	−0.187	51745.6	48357.8	54614.7	55	1855
ICRF J064453.7 + 391447	0641 + 392	06 44 53.70958230	39 14 47.5336667	0.00000725	0.0001401	−0.059	53366.9	50242.8	54845.7	6	364
ICRF J064524.0 + 212151	0642 + 214	06 45 24.09951782	21 21 51.2014532	0.00000975	0.0001648	−0.531	50095.6	47718.4	50460.3	20	252
ICRF J064832.7 + 205308	0645 + 209	06 48 32.71389903	20 53 08.9216262	0.00002755	0.0007686	−0.282	54314.7	54314.7	54314.7	1	52

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J065032.9 − 284917	0648 − 287	06 50 32.92792014	−28 49 17.8569426	0.00008113	0.0027283	−0.797	54601.7	54601.7	54601.7	1	25
ICRF J065158.1 − 210111	0649 − 209	06 51 58.12004893	−21 01 11.9156663	0.00000914	0.0002575	−0.389	53719.8	53719.8	53719.8	1	81
ICRF J065358.2 + 370540	0650 + 371	06 53 58.28281491	37 05 40.6065393	0.00000715	0.0001238	−0.150	49967.3	48348.6	50849.8	40	363
ICRF J065510.0 + 410010	0651 + 410	06 55 10.02473432	41 00 10.1599629	0.00000915	0.0001711	−0.234	51083.3	50242.8	53158.7	7	230
ICRF J065705.6 + 242355	0654 + 244	06 57 05.67553957	24 23 55.3944439	0.00001722	0.0004536	−0.184	51455.9	50085.5	54482.7	4	133
ICRF J070134.5 − 463436	0700 − 465	07 01 34.54706032	−46 34 36.6221767	0.00046862	0.0039278	−0.349	48162.4	48162.4	48162.4	1	3
ICRF J070242.9 − 195122	0700 − 197	07 02 42.90066969	−19 51 22.0358457	0.00001118	0.0003753	−0.158	54350.3	53552.8	54901.7	6	215
ICRF J071338.1 + 434917	0710 + 439	07 13 38.16412910	43 49 17.2071530	0.00000592	0.0000952	−0.007	51766.5	48179.7	54907.7	37	891
ICRF J071424.8 + 353439	0711 + 356	07 14 24.81745662	35 34 39.7963920	0.00006866	0.0015764		48624.1	47005.4	50242.7	15	465
ICRF J071751.8 + 453803	0714 + 457	07 17 51.85241063	45 38 03.2610495	0.00000627	0.0000818	−0.019	54187.2	50306.3	54887.7	6	558
ICRF J072113.4 − 153041	0718 − 154	07 21 13.49142709	−15 30 41.0067937	0.00004220	0.0020767	−0.704	54657.8	54657.8	54657.8	1	25
ICRF J072417.2 − 071520	0721 − 071	07 24 17.29263439	−07 15 20.3529198	0.00001149	0.0004116	−0.334	52775.6	52306.7	53609.2	2	100
ICRF J072550.6 − 005456	0723 − 008	07 25 50.63996171	−00 54 56.5441985	0.00000449	0.0000929	−0.238	51035.6	44773.8	54768.6	46	839
ICRF J072614.2 + 215320	0723 + 219	07 26 14.26073766	21 53 20.1140804	0.00000775	0.0001653	−0.053	53973.5	53134.5	54845.7	5	207
ICRF J072820.6 + 215306	0725 + 219	07 28 20.60829964	21 53 06.3902713	0.00000741	0.0001508	−0.052	51177.8	50085.5	53609.2	5	369
ICRF J072905.4 − 363945	0727 − 365	07 29 05.41225580	−36 39 45.2446066	0.00016793	0.0059073	−0.193	54292.7	54292.7	54292.7	1	12
ICRF J073051.3 + 404950	0727 + 409	07 30 51.34655323	40 49 50.8273413	0.00003450	0.0004827	−0.445	51079.4	50242.8	54664.7	2	74
ICRF J073133.7 + 245158	0728 + 249	07 31 33.74545710	24 51 58.5987745	0.00001385	0.0003965	0.215	50262.7	50085.5	53020.8	5	214
ICRF J073256.2 + 254838	0729 + 259	07 32 56.27526338	25 48 38.7956511	0.00000621	0.0001225	0.103	53623.4	50219.8	54880.7	6	273
ICRF J073545.8 − 173548	0733 − 174	07 35 45.81248037	−17 35 48.5022692	0.00000884	0.0002035	0.196	51965.1	48919.9	54741.8	33	460
ICRF J073602.3 − 185309	0733 − 187	07 36 02.37749905	−18 53 09.9224788	0.00014652	0.0032260	0.296	54601.7	54601.7	54601.7	1	12
ICRF J073730.0 + 594103	0733 + 597	07 37 30.08697865	59 41 03.1943714	0.00004628	0.0010055	−0.317	53534.1	49577.0	54088.1	4	51
ICRF J073807.3 + 174218	0735 + 178	07 38 07.39374766	17 42 18.9982302	0.00000295	0.0000437	0.112	49462.9	44773.8	54718.7	578	15897
ICRF J073816.9 − 332212	0736 − 332	07 38 16.94895574	−33 22 12.7772415	0.00008508	0.0010927	−0.277	51529.4	48766.9	53126.1	5	25
ICRF J073856.4 − 673550	0738 − 674	07 38 56.49622760	−67 35 50.8260388	0.00002226	0.0001523	0.194	51884.3	47626.5	54726.7	25	155
ICRF J074110.7 + 311200	0738 + 313	07 41 10.70330959	31 12 00.2290339	0.00001720	0.0018132		47842.8	45466.0	50219.6	35	1765
ICRF J074331.6 − 672625	0743 − 673	07 43 31.61163970	−67 26 25.5464081	0.00002535	0.0001263	−0.060	53037.3	48110.9	54670.7	28	133
ICRF J074420.3 − 691907	0744 − 691	07 44 20.39366669	−69 19 07.1567791	0.00007607	0.0004690	0.187	53787.2	52887.6	54457.4	4	33
ICRF J074421.6 − 062935	0741 − 063	07 44 21.65635539	−06 29 35.9146409	0.00002364	0.0007292	−0.217	54187.7	54187.7	54187.7	1	52
ICRF J074447.2 + 212000	0741 + 214	07 44 47.27670801	21 20 00.4269550	0.00003247	0.0008444	−0.059	53596.3	53551.7	53600.7	2	22
ICRF J074533.0 + 101112	0742 + 103	07 45 33.05952141	10 11 12.6923363	0.00000293	0.0000496	−0.144	49177.2	44773.8	52900.7	315	10174
ICRF J074640.4 + 273459	0743 + 277	07 46 40.43230698	27 34 59.0473025	0.00000716	0.0001609	−0.106	53573.1	50219.8	54893.7	5	244
ICRF J075000.3 + 182311	0747 + 185	07 50 00.32994173	18 23 11.4071030	0.00000816	0.0001914	−0.275	52330.5	50085.5	54858.7	7	352
ICRF J075020.4 + 481453	0746 + 483	07 50 20.43631328	48 14 53.5564020	0.00002352	0.0002894	0.101	50743.5	50306.3	53609.2	2	68
ICRF J075301.3 + 535259	0749 + 540	07 53 01.38456785	53 52 59.6370745	0.00000466	0.0000414	−0.015	52216.3	45775.8	54903.8	823	62749

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J075706.6 + 095634	0754 + 100	07 57 06.64294682	09 56 34.8523471	0.00000326	0.0000627	−0.058	52622.1	46502.8	54893.7	33	1557
ICRF J075828.1 + 374711	0755 + 379	07 58 28.10815179	37 47 11.8073127	0.00003050	0.0004548	−0.427	52028.7	51246.6	52409.7	3	88
ICRF J080634.0 − 711215	0806 − 710	08 06 34.09421169	−71 12 15.7442432	0.00011774	0.0007247	0.330	54336.6	52887.6	54457.4	2	13
ICRF J080705.3 − 153125	0804 − 153	08 07 05.30898008	−15 31 25.3814107	0.00001248	0.0004318	−0.356	54559.7	54559.7	54559.7	1	81
ICRF J080815.5 − 075109	0805 − 077	08 08 15.53603615	−07 51 09.8862880	0.00000440	0.0001082	−0.282	51384.9	47176.5	54643.7	35	620
ICRF J080907.3 − 153246	0806 − 153	08 09 07.39183469	−15 32 46.8750413	0.00006047	0.0015367	0.064	54559.7	54559.7	54559.7	1	37
ICRF J081108.8 − 492943	0809 − 493	08 11 08.80324937	−49 29 43.5082590	0.00069484	0.0036424	0.324	50295.2	48043.8	52878.7	3	10
ICRF J081522.9 + 015459	0812 + 020	08 15 22.96083908	01 54 59.4805839	0.00001534	0.0005711	−0.500	54125.8	54125.8	54125.8	1	51
ICRF J082057.4 − 125859	0818 − 128	08 20 57.44761533	−12 58 59.1690971	0.00000600	0.0000877	−0.073	51944.3	49482.7	54907.7	37	633
ICRF J082120.5 − 580018	0820 − 578	08 21 20.52743955	−58 00 18.7511324	0.00005743	0.0010419	0.543	54723.8	54723.8	54723.8	1	6
ICRF J082433.0 + 243843	0821 + 248	08 24 33.00929523	24 38 43.1158404	0.00001558	0.0004512	−0.222	50741.4	50085.5	53609.2	3	204
ICRF J082447.2 + 555242	0820 + 560	08 24 47.23635309	55 52 42.6693506	0.00000549	0.0000453	−0.076	50647.9	46977.9	54803.7	79	4299
ICRF J082455.4 + 391641	0821 + 394	08 24 55.48385101	39 16 41.9040901	0.00000454	0.0000613	−0.070	51849.1	48194.7	54641.7	29	1151
ICRF J082511.8 + 133232	0822 + 137	08 25 11.89094406	13 32 32.5386869	0.00000727	0.0002094	−0.005	50995.7	50085.5	52009.7	4	301
ICRF J082526.8 − 501038	0823 − 500	08 25 26.86891686	−50 10 38.4881440	0.00019548	0.0013026	−0.575	50064.8	48162.4	53569.1	6	33
ICRF J082538.6 + 615728	0821 + 621	08 25 38.61219308	61 57 28.5793037	0.00001065	0.0000668	0.187	51302.8	49422.9	52543.7	15	1074
ICRF J082601.5 − 223027	0823 − 223	08 26 01.57293454	−22 30 27.2032544	0.00000974	0.0003104	−0.346	50854.7	46875.8	52306.7	9	197
ICRF J082804.7 − 373106	0826 − 373	08 28 04.78022012	−37 31 06.2809892	0.00000739	0.0001235	0.013	52669.1	47640.2	54684.7	53	564
ICRF J083109.1 − 222826	0828 − 222	08 31 09.14902512	−22 28 26.8041417	0.00012083	0.0033034	0.587	54278.7	54278.7	54278.7	1	27
ICRF J083148.8 + 042939	0829 + 046	08 31 48.87695516	04 29 39.0859429	0.00000392	0.0000732	0.001	52300.5	48649.8	54845.7	36	1304
ICRF J083223.2 + 491321	0828 + 493	08 32 23.21671411	49 13 21.0382485	0.00000652	0.0000685	0.089	51711.5	44343.6	54818.7	34	955
ICRF J083322.3 − 444138	0831 − 445	08 33 22.31576136	−44 41 38.7156450	0.00062448	0.0037702	−0.262	49027.6	48043.8	49895.6	6	15
ICRF J083454.9 + 553421	0831 + 557	08 34 54.90395243	55 34 21.0703658	0.00002110	0.0001512	−0.058	51879.7	47931.6	54844.7	22	588
ICRF J083700.3 − 340914	0835 − 339	08 37 00.31666672	−34 09 14.8586397	0.00027126	0.0099326	−0.868	53978.7	53978.7	53978.7	1	69
ICRF J083722.4 + 582501	0833 + 585	08 37 22.40966142	58 25 01.8449433	0.00000745	0.0000584	−0.019	51786.5	46977.9	54627.7	33	1140
ICRF J083740.2 + 245423	0834 + 250	08 37 40.24568630	24 54 23.1217065	0.00000546	0.0001146	−0.353	51946.3	50219.8	53609.2	5	393
ICRF J083915.8 + 285038	0836 + 290	08 39 15.82765836	28 50 38.8030216	0.00001429	0.0004474	−0.044	52886.4	51297.8	53068.7	2	68
ICRF J083930.7 + 180247	0836 + 182	08 39 30.72136647	18 02 47.1427585	0.00001457	0.0003528	−0.633	51211.2	50085.5	52543.7	5	246
ICRF J084047.5 + 131223	0838 + 133	08 40 47.58841798	13 12 23.5641152	0.00000694	0.0001935	−0.272	52752.4	52409.7	53609.2	2	126
ICRF J084124.3 + 705342	0836 + 710	08 41 24.36526906	70 53 42.1730054	0.00000937	0.0000465	0.081	52414.1	46977.9	54818.7	25	3172
ICRF J084127.0 − 754027	0842 − 754	08 41 27.03605311	−75 40 27.8733636	0.00011251	0.0004736	0.043	52282.7	48110.9	54457.4	3	23
ICRF J084205.0 + 183540	0839 + 187	08 42 05.09417058	18 35 40.9905528	0.00000444	0.0001030	0.107	51365.9	47875.8	54901.7	36	1097
ICRF J085009.6 − 121335	0847 − 120	08 50 09.63562185	−12 13 35.3758201	0.00000741	0.0002534	0.043	53991.0	53134.5	54901.7	7	163
ICRF J085441.9 + 575729	0850 + 581	08 54 41.99641123	57 57 29.9390674	0.00000774	0.0000702	−0.113	51981.0	48720.9	54648.7	19	1158
ICRF J085511.7 − 714906	0855 − 716	08 55 11.76992253	−71 49 06.4575254	0.00007762	0.0004436	0.147	54723.8	54723.8	54723.8	1	9

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J085657.2 + 211143	0854 + 213	08 56 57.24476019	21 11 43.6582896	0.00000610	0.0001173	−0.089	51426.1	50085.5	52009.7	4	446
ICRF J090216.8 − 141530	0859 − 140	09 02 16.83091664	−14 15 30.8751032	0.00000442	0.0000817	−0.202	52381.1	46875.8	54818.7	42	861
ICRF J090303.9 + 465104	0859 + 470	09 03 03.99009765	46 51 04.1374256	0.00000478	0.0000593	−0.048	51946.7	47005.8	54858.7	125	1949
ICRF J090353.1 + 675722	0859 + 681	09 03 53.15507857	67 57 22.6858748	0.00003128	0.0002541	0.296	50728.8	49827.5	54664.7	2	161
ICRF J090453.1 − 573505	0903 − 573	09 04 53.17928113	−57 35 05.7821238	0.00006070	0.0008027	0.144	53626.4	52887.6	54457.4	4	34
ICRF J090910.0 + 012135	0906 + 015	09 09 10.09159984	01 21 35.6177502	0.00000654	0.0001503	−0.162	50031.3	47005.8	53552.8	29	419
ICRF J090917.0 − 050052	0906 − 048	09 09 17.00358570	−05 00 52.8937365	0.00012456	0.0033116	−0.422	54314.7	54314.7	54314.7	1	22
ICRF J090939.8 + 020005	0907 + 022	09 09 39.84790584	02 00 05.2664920	0.00004571	0.0007669	−0.200	51120.1	49914.7	54643.7	2	51
ICRF J091552.4 + 293324	0912 + 297	09 15 52.40163935	29 33 24.0430020	0.00001202	0.0002793	0.074	51454.2	48194.7	54489.7	17	397
ICRF J091755.5 + 653015	0913 + 657	09 17 55.56762054	65 30 15.1091017	0.00158674	0.0108167	0.245	54440.7	54440.7	54440.7	1	5
ICRF J092043.1 − 295630	0918 − 297	09 20 43.19379503	−29 56 30.2932472	0.00001836	0.0006948	−0.224	54489.7	54489.7	54489.7	1	65
ICRF J092058.4 + 444153	0917 + 449	09 20 58.45848243	44 41 53.9850927	0.00000446	0.0000540	−0.077	52600.9	46977.9	54803.7	51	1790
ICRF J092129.3 − 261843	0919 − 260	09 21 29.35385535	−26 18 43.3861684	0.00005561	0.0013675		50206.8	46840.5	53573.1	382	10351
ICRF J092136.2 + 621552	0917 + 624	09 21 36.23106854	62 15 52.1803472	0.00000623	0.0000439	−0.137	51402.7	44343.6	54830.7	144	6910
ICRF J092703.0 + 390220	0923 + 392	09 27 03.01393281	39 02 20.8518566	0.00002885	0.0002387		49497.1	44090.1	54904.0	3579	216162
ICRF J092915.4 + 501335	0925 + 504	09 29 15.44020036	50 13 35.9897722	0.00001139	0.0001666	0.072	49962.4	49577.0	53306.8	3	221
ICRF J093032.5 − 853359	0936 − 853	09 30 32.57014658	−85 33 59.6921151	0.00219357	0.0028702	0.013	50279.8	48162.4	54457.4	5	20
ICRF J093035.0 + 464408	0927 + 469	09 30 35.08083051	46 44 08.6565353	0.00011090	0.0010022	0.174	53923.7	50306.3	54314.7	2	41
ICRF J093052.2 + 003458	0928 + 008	09 30 52.25354221	00 34 58.9413083	0.00002234	0.0009697	−0.540	50344.6	49914.7	54482.7	2	85
ICRF J094014.7 + 260329	0937 + 262	09 40 14.72277430	26 03 29.9461491	0.00001103	0.0002832	−0.017	50563.1	50219.8	53306.8	3	72
ICRF J094113.5 + 114532	0938 + 119	09 41 13.55872676	11 45 32.3387305	0.00022698	0.0022847	0.652	54292.7	54292.7	54292.7	1	15
ICRF J094314.5 + 615033	0939 + 620	09 43 14.50284956	61 50 33.3487942	0.00018862	0.0013010	−0.021	54440.7	54440.7	54440.7	1	19
ICRF J094538.1 + 353455	0942 + 358	09 45 38.12070861	35 34 55.0885113	0.00000809	0.0001378	−0.093	50568.2	50242.8	50854.6	2	188
ICRF J094635.0 + 101706	0943 + 105	09 46 35.06993408	10 17 06.1340434	0.00001064	0.0003647	0.212	52034.0	49914.7	54845.7	6	233
ICRF J094855.3 + 403944	0945 + 408	09 48 55.33815234	40 39 44.5869810	0.00000454	0.0000587	−0.122	52175.4	47931.6	54664.7	28	1320
ICRF J095439.7 + 263924	0951 + 268	09 54 39.79651721	26 39 24.5434066	0.00000853	0.0002126	0.130	53527.2	50219.8	54872.7	6	255
ICRF J095456.8 + 174331	0952 + 179	09 54 56.82361250	17 43 31.2222114	0.00000369	0.0000721	−0.052	51797.0	48158.8	54713.7	56	1286
ICRF J095524.7 + 690113	0951 + 692	09 55 24.77476250	69 01 13.7025453	0.00009325	0.0005898	0.117	49238.5	49225.8	49267.8	3	97
ICRF J095533.1 + 690355	0951 + 693	09 55 33.17306143	69 03 55.0609270	0.00001329	0.0000636	0.307	51318.5	49141.8	54601.7	75	2049
ICRF J095622.6 + 575355	0952 + 581	09 56 22.63444244	57 53 55.9043694	0.00007916	0.0005903	−0.029	49965.3	49577.0	50974.8	2	36
ICRF J095649.8 + 251516	0953 + 254	09 56 49.87537334	25 15 16.0499070	0.00003955	0.0005585		49668.4	44446.9	54890.0	857	24823
ICRF J095738.1 + 552257	0954 + 556	09 57 38.18456305	55 22 57.7686853	0.00016052	0.0014551	0.248	50466.4	49577.0	50989.8	3	46
ICRF J100111.9 + 342450	0958 + 346	10 01 11.94919908	34 24 50.4594476	0.00000691	0.0001299	0.076	53679.7	50219.8	54901.7	7	286
ICRF J100159.9 − 443800	0959 − 443	10 01 59.90841721	−44 38 00.6002464	0.00008296	0.0018087	−0.608	51102.0	48043.8	52409.7	5	26
ICRF J100601.7 + 345410	1003 + 351	10 06 01.75030199	34 54 10.4005583	0.00003894	0.0006632	0.080	54314.7	54314.7	54314.7	1	46

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J100604.1 − 740944	1005 − 739	10 06 04.14541874	−74 09 44.0875327	0.00010796	0.0005069	−0.011	53625.5	52887.6	54457.4	4	25
ICRF J100646.4 − 215920	1004 − 217	10 06 46.41368826	−21 59 20.4100145	0.00000858	0.0002217	−0.035	52123.1	50632.3	54901.7	8	222
ICRF J100741.4 + 135629	1004 + 141	10 07 41.49808563	13 56 29.6008672	0.00000318	0.0000523	−0.182	50987.6	47011.4	54718.7	315	4234
ICRF J101329.9 + 491840	1010 + 495	10 13 29.93231208	49 18 40.9849091	0.00074925	0.0181200	−0.894	52978.6	50306.3	54314.7	2	9
ICRF J101353.4 + 244916	1011 + 250	10 13 53.42876682	24 49 16.4407698	0.00000396	0.0000612	0.025	52292.6	48353.6	54725.7	34	1228
ICRF J101450.3 − 450841	1012 − 448	10 14 50.35495501	−45 08 41.1541762	0.00001637	0.0002949	0.370	53303.9	52306.7	54726.7	23	153
ICRF J101544.0 + 122707	1013 + 127	10 15 44.02338392	12 27 07.0703545	0.00000805	0.0002343	−0.188	51975.0	49914.7	54802.7	4	208
ICRF J101644.3 + 203747	1013 + 208	10 16 44.32210619	20 37 47.3054173	0.00000707	0.0001922	−0.089	51696.2	50085.5	54643.7	6	369
ICRF J101827.8 + 053029	1015 + 057	10 18 27.84827731	05 30 29.9620564	0.00000577	0.0001019	0.069	52764.1	49914.7	54907.7	8	332
ICRF J101828.7 − 312353	1016 − 311	10 18 28.75348320	−31 23 53.8492324	0.00001087	0.0001707	0.008	53311.9	52306.7	54741.8	26	254
ICRF J102202.0 + 412605	1019 + 416	10 22 02.02347866	41 26 05.3726239	0.00004190	0.0004646	−0.404	54187.7	54187.7	54187.7	1	51
ICRF J102311.5 + 394815	1020 + 400	10 23 11.56566179	39 48 15.3854217	0.00000468	0.0000690	−0.175	51582.0	46977.9	54739.7	27	1238
ICRF J102429.5 − 005255	1021 − 006	10 24 29.58667910	−00 52 55.4968353	0.00011006	0.0019461		49620.4	48664.3	50576.4	10	336
ICRF J102556.2 + 125349	1023 + 131	10 25 56.28536996	12 53 49.0220104	0.00000433	0.0000794	−0.209	51996.0	50085.5	53761.7	80	744
ICRF J102838.7 − 084438	1026 − 084	10 28 38.79633263	−08 44 38.5326713	0.00011402	0.0034669	−0.274	51559.4	51169.7	54482.7	2	17
ICRF J102933.0 − 185250	1027 − 186	10 29 33.09769988	−18 52 50.2888389	0.00000839	0.0001750	−0.314	52802.8	50632.3	54907.7	11	283
ICRF J103502.1 − 201134	1032 − 199	10 35 02.15530220	−20 11 34.3595425	0.00000457	0.0000741	−0.125	52857.1	47176.5	54741.8	57	1032
ICRF J103507.0 + 562846	1031 + 567	10 35 07.03999665	56 28 46.7960909	0.00003188	0.0002534	0.464	50327.4	47285.7	53059.7	17	216
ICRF J104117.1 + 061016	1038 + 064	10 41 17.16249895	06 10 16.9236835	0.00000342	0.0000672	−0.192	51880.3	47568.6	54810.7	61	1506
ICRF J104148.8 + 523355	1038 + 529	10 41 48.89763371	52 33 55.6081511	0.00004830	0.0004101	−0.361	49683.5	48650.8	53411.8	20	84
ICRF J104244.6 + 120331	1040 + 123	10 42 44.60522539	12 03 31.2636114	0.00000729	0.0001258	−0.056	50999.3	47659.7	54172.7	23	352
ICRF J104309.0 + 240835	1040 + 244	10 43 09.03576998	24 08 35.4093695	0.00000470	0.0000948	−0.065	53963.5	50219.8	54830.7	9	521
ICRF J104552.7 + 062436	1043 + 066	10 45 52.73328577	06 24 36.4523288	0.00001599	0.0005793	−0.614	50082.4	49914.7	51288.7	7	131
ICRF J104742.9 − 621714	1045 − 620	10 47 42.95227474	−62 17 14.6339610	0.00011302	0.0041450	−0.503	52870.0	52861.2	52872.9	2	4
ICRF J104827.6 + 714335	1044 + 719	10 48 27.61991250	71 43 35.9384312	0.00003472	0.0002741		51503.7	48103.4	54904.0	1032	111663
ICRF J104838.2 − 411400	1046 − 409	10 48 38.27117353	−41 14 00.1158878	0.00002359	0.0006876	−0.126	54529.6	54489.7	54723.8	2	47
ICRF J104921.8 − 223107	1046 − 222	10 49 21.86917781	−22 31 07.5098479	0.00006298	0.0023039	−0.820	54657.8	54657.8	54657.8	1	32
ICRF J104946.3 + 142938	1047 + 147	10 49 46.32758343	14 29 38.5738701	0.00001493	0.0003646	−0.311	54549.1	54112.8	54559.7	2	84
ICRF J105038.0 − 524948	1048 − 526	10 50 38.02847005	−52 49 48.3280622	0.00003979	0.0009358	0.400	54723.8	54723.8	54723.8	1	9
ICRF J105045.2 − 725432	1049 − 726	10 50 45.24980065	−72 54 32.3101736	0.00007306	0.0005033	0.252	54723.8	54723.8	54723.8	1	9
ICRF J105104.7 − 313814	1048 − 313	10 51 04.77752781	−31 38 14.3074730	0.00001135	0.0001201	−0.235	52852.4	47640.2	54741.8	29	343
ICRF J105123.5 − 651808	1049 − 650	10 51 23.52119273	−65 18 08.6246930	0.00052247	0.0025355	−0.110	53260.6	52887.6	54457.4	4	20
ICRF J105653.6 + 701145	1053 + 704	10 56 53.61750690	70 11 45.9156324	0.00000933	0.0000484	0.022	52247.9	49125.7	54907.7	48	2751
ICRF J105715.7 + 001203	1054 + 004	10 57 15.76745181	00 12 03.5763691	0.00007839	0.0016269	0.479	54278.7	54278.7	54278.7	1	33
ICRF J105800.4 − 302455	1055 − 301	10 58 00.42741563	−30 24 55.0270981	0.00001381	0.0002710	0.108	53600.8	53126.1	54684.7	12	95

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J105817.9 + 195150	1055 + 201	10 58 17.90083209	19 51 50.8698537	0.00001575	0.0003369	−0.080	50838.6	50085.5	54664.7	3	198
ICRF J105843.3 − 800354	1057 − 797	10 58 43.30977041	−80 03 54.1597166	0.00001730	0.0000446	−0.001	52085.5	47626.5	54907.7	573	6427
ICRF J105939.0 + 205721	1056 + 212	10 59 39.04268818	20 57 21.9559644	0.00001025	0.0002575	−0.223	51553.3	50085.5	54818.7	7	266
ICRF J110148.8 + 722537	1058 + 726	11 01 48.80537029	72 25 37.1183787	0.00004795	0.0003586	0.236	49972.3	49827.5	51297.8	2	132
ICRF J110214.2 + 275708	1059 + 282	11 02 14.28846457	27 57 08.6894474	0.00000811	0.0001528	−0.365	53254.6	50219.8	54858.7	6	271
ICRF J110303.5 + 115816	1100 + 122	11 03 03.52984202	11 58 16.6242581	0.00000840	0.0002256	0.116	53644.4	53126.1	54872.7	5	141
ICRF J110331.5 − 325116	1101 − 325	11 03 31.52641727	−32 51 16.6936884	0.00001380	0.0002005	−0.110	52904.1	47640.2	54684.7	26	172
ICRF J110708.6 − 444907	1104 − 445	11 07 08.69413960	−44 49 07.6185470	0.00000536	0.0000698	−0.124	49790.3	47626.5	54837.7	312	2042
ICRF J110712.6 − 682050	1105 − 680	11 07 12.69516327	−68 20 50.7272337	0.00003143	0.0002206	0.471	52575.7	48388.4	54726.7	24	137
ICRF J110741.7 + 723236	1104 + 728	11 07 41.72259656	72 32 36.0049449	0.00003934	0.0002051	−0.232	50879.3	49827.5	51927.8	9	72
ICRF J111036.3 + 481752	1107 + 485	11 10 36.32378471	48 17 52.4498407	0.00026186	0.0055869	0.439	52883.2	50306.3	54314.7	2	14
ICRF J111207.2 − 570339	1109 − 567	11 12 07.26958812	−57 03 39.7448286	0.00063962	0.0044940	−0.506	53660.3	52676.7	54457.4	4	8
ICRF J111826.9 − 463415	1116 − 462	11 18 26.95767382	−46 34 15.0012464	0.00001770	0.0002107	0.144	52605.4	48110.9	54706.7	33	135
ICRF J111857.3 + 123441	1116 + 128	11 18 57.30143101	12 34 41.7181417	0.00000368	0.0000722	−0.109	52235.6	47274.8	54489.7	53	1189
ICRF J112016.1 − 271906	1117 − 270	11 20 16.19175470	−27 19 06.3655283	0.00001543	0.0003803	−0.092	51201.4	50688.3	54664.7	2	62
ICRF J112027.8 + 142054	1117 + 146	11 20 27.80630398	14 20 54.9913295	0.00024090	0.0029047	−0.695	51662.7	49098.6	54440.7	6	26
ICRF J112229.7 + 180526	1119 + 183	11 22 29.71148406	18 05 26.3432857	0.00000716	0.0001565	−0.051	51902.2	50085.5	54125.8	4	337
ICRF J112402.7 + 233645	1121 + 238	11 24 02.70587619	23 36 45.8703380	0.00001535	0.0002442	−0.242	50631.0	50085.5	53314.8	10	137
ICRF J112740.1 + 565014	1124 + 571	11 27 40.13516072	56 50 14.7952187	0.00005023	0.0005192	0.235	51125.2	49577.0	54643.7	2	72
ICRF J112758.8 + 362028	1125 + 366	11 27 58.87081972	36 20 28.3514308	0.00001180	0.0002408	−0.193	52390.1	50242.8	54803.7	4	166
ICRF J112813.3 + 592514	1125 + 596	11 28 13.34067563	59 25 14.7986127	0.00001264	0.0001032	0.175	50696.6	49422.9	51393.6	5	477
ICRF J112931.7 − 443549	1127 − 443	11 29 31.72202175	−44 35 49.9378051	0.00006262	0.0016998	0.327	54723.8	54723.8	54723.8	1	7
ICRF J113007.0 − 144927	1127 − 145	11 30 07.05259287	−14 49 27.3881476	0.00000537	0.0000971	−0.089	50950.7	45259.2	54741.8	54	603
ICRF J113130.5 − 050019	1128 − 047	11 31 30.51674811	−05 00 19.6575660	0.00000938	0.0002830	−0.068	50472.7	49099.7	53185.7	9	266
ICRF J113143.2 − 581853	1129 − 580	11 31 43.28798551	−58 18 53.4435576	0.00001995	0.0001989	0.438	53766.6	49535.0	54726.7	18	115
ICRF J113219.1 − 742509	1130 − 741	11 32 19.11009277	−74 25 09.0232305	0.00013937	0.0006867	0.594	54723.8	54723.8	54723.8	1	9
ICRF J113411.4 + 724920	1131 + 730	11 34 11.40778994	72 49 20.0530464	0.00021273	0.0020557	0.666	50215.4	49827.5	54482.7	2	60
ICRF J113609.6 − 741545	1134 − 739	11 36 09.65979524	−74 15 45.2743083	0.00012199	0.0004927	0.317	53633.8	52887.6	54457.4	4	21
ICRF J113626.4 + 700927	1133 + 704	11 36 26.40841911	70 09 27.3070674	0.00003945	0.0001859	0.111	51643.1	49827.5	54088.1	13	185
ICRF J114505.0 + 193622	1142 + 198	11 45 05.00904409	19 36 22.7414177	0.00000911	0.0002615	0.138	52013.3	50386.8	53153.2	17	274
ICRF J114521.3 + 045526	1142 + 052	11 45 21.31518022	04 55 26.6888184	0.00001717	0.0004512	−0.104	52422.7	49914.7	54643.7	3	115
ICRF J114522.0 − 225031	1142 − 225	11 45 22.04679845	−22 50 31.3430261	0.00002112	0.0005717	−0.232	50826.8	50632.3	54482.7	3	93
ICRF J114608.1 − 244732	1143 − 245	11 46 08.10331081	−24 47 32.8963878	0.00000546	0.0000945	−0.092	52757.1	47640.2	54741.8	39	844
ICRF J114626.1 − 285918	1143 − 287	11 46 26.18858241	−28 59 18.5044265	0.00001009	0.0001926	−0.031	53131.5	50688.3	54741.8	18	154
ICRF J114626.9 + 584834	1143 + 590	11 46 26.91166115	58 48 34.2635507	0.00004471	0.0004086	0.119	51088.2	49577.0	54664.7	2	101

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J114628.4 − 332842	1143 − 332	11 46 28.45179042	−33 28 42.6307941	0.00004155	0.0015205	−0.128	54314.7	54314.7	54314.7	1	38
ICRF J114722.1 + 350107	1144 + 352	11 47 22.13055824	35 01 07.5224972	0.00002715	0.0003862	−0.136	50371.0	50242.8	51184.8	4	64
ICRF J114759.7 + 263542	1145 + 268	11 47 59.76390016	26 35 42.3326801	0.00000531	0.0001219	0.062	53583.0	50219.8	54901.7	8	330
ICRF J114850.3 + 592456	1146 + 596	11 48 50.35823538	59 24 56.3819632	0.00003754	0.0002868	−0.411	50875.8	49577.0	51787.8	7	120
ICRF J115031.5 − 193049	1147 − 192	11 50 31.52711433	−19 30 49.5484484	0.00001150	0.0004071	−0.215	54559.7	54559.7	54559.7	1	80
ICRF J115043.8 − 002354	1148 − 001	11 50 43.87075084	−00 23 54.2054013	0.00000577	0.0001631	−0.158	50449.0	47285.7	52809.7	25	480
ICRF J115113.4 − 672811	1148 − 671	11 51 13.42650836	−67 28 11.0939707	0.00003198	0.0002764	0.320	51566.8	48043.8	54670.7	22	82
ICRF J115312.4 + 805829	1150 + 812	11 53 12.49919940	80 58 29.1545750	0.00001889	0.0000451	0.049	51881.4	44343.6	54781.7	87	4955
ICRF J115324.4 + 493108	1150 + 497	11 53 24.46663282	49 31 08.8301947	0.00000571	0.0000642	0.062	52510.9	47931.6	54655.7	22	1203
ICRF J115734.8 + 163859	1155 + 169	11 57 34.83627098	16 38 59.6500655	0.00001118	0.0001998	0.131	50548.3	50085.5	52779.7	4	214
ICRF J115825.7 + 245017	1155 + 251	11 58 25.78753020	24 50 17.9640837	0.00001351	0.0002689	−0.092	50909.5	48179.7	54214.7	19	320
ICRF J115912.7 − 094052	1156 − 094	11 59 12.71173477	−09 40 52.0488742	0.00001290	0.0002838	−0.356	50425.3	47777.3	53066.7	19	199
ICRF J115921.4 − 214244	1156 − 214	11 59 21.43254876	−21 42 44.9126151	0.00001162	0.0004006	−0.168	54559.7	54559.7	54559.7	1	77
ICRF J120301.0 + 063441	1200 + 068	12 03 01.01262534	06 34 41.5382943	0.00008131	0.0006817	0.030	50771.2	49914.7	54664.7	2	61
ICRF J120321.9 + 041419	1200 + 045	12 03 21.93494846	04 14 19.0937862	0.00003869	0.0007169	0.021	54125.8	54125.8	54125.8	1	41
ICRF J120331.7 + 463255	1200 + 468	12 03 31.79776780	46 32 55.5600336	0.00035065	0.0049289	−0.038	52978.6	50306.3	54314.7	2	9
ICRF J120637.0 + 394103	1204 + 399	12 06 37.05337256	39 41 03.7471562	0.00001639	0.0002603	−0.282	51609.6	50242.8	54664.7	2	110
ICRF J120712.6 + 121145	1204 + 124	12 07 12.62454414	12 11 45.8466332	0.00001726	0.0002958	0.059	50840.0	49914.7	53220.7	4	111
ICRF J120902.4 − 240620	1206 − 238	12 09 02.44511625	−24 06 20.7588617	0.00001126	0.0003358	0.060	50943.0	50632.3	54643.7	3	155
ICRF J120935.2 − 401613	1206 − 399	12 09 35.24365190	−40 16 13.0977007	0.00006232	0.0019065	0.425	51861.8	48043.8	53134.5	2	20
ICRF J121256.0 + 192547	1210 + 197	12 12 56.09590136	19 25 47.0163926	0.00007522	0.0006449	−0.120	50972.5	50085.5	54643.7	3	70
ICRF J121459.9 + 082922	1212 + 087	12 14 59.91317592	08 29 22.5178005	0.00009578	0.0017055	0.357	50212.6	49914.7	54482.7	2	46
ICRF J121503.9 + 165437	1212 + 171	12 15 03.97914173	16 54 37.9570703	0.00000736	0.0001386	0.107	52400.2	50085.5	54816.7	8	320
ICRF J121555.6 + 344815	1213 + 350	12 15 55.60104196	34 48 15.2206760	0.00000498	0.0000794	−0.118	52159.9	48194.7	54725.7	29	1101
ICRF J121806.2 − 460029	1215 − 457	12 18 06.25225797	−46 00 29.0103400	0.00097403	0.0075955	−0.836	48746.5	48162.4	49330.5	2	6
ICRF J121906.4 + 482956	1216 + 487	12 19 06.41474411	48 29 56.1648065	0.00000596	0.0000613	−0.008	51616.5	46977.9	54620.7	27	1213
ICRF J121923.2 + 054929	1216 + 061	12 19 23.21607184	05 49 29.7000920	0.00002290	0.0004395	0.005	53502.0	50303.8	54125.8	3	79
ICRF J122011.8 + 020342	1217 + 023	12 20 11.88458571	02 03 42.2252454	0.00002106	0.0002186	0.073	50635.9	49914.7	53108.7	5	101
ICRF J122033.8 + 334312	1218 + 339	12 20 33.87554894	33 43 12.0378310	0.00019218	0.0053833	0.359	54278.7	54278.7	54278.7	1	10
ICRF J122131.6 + 281358	1219 + 285	12 21 31.69051570	28 13 58.5001957	0.00000529	0.0000905	−0.164	50442.1	44447.0	54739.7	50	753
ICRF J122452.4 + 033050	1222 + 037	12 24 52.42193774	03 30 50.2929645	0.00000539	0.0001292	−0.188	49973.3	46502.8	51499.8	67	608
ICRF J122454.3 − 831310	1221 − 829	12 24 54.38185745	−83 13 10.1013254	0.00243804	0.0047873	−0.110	50792.5	48043.8	54457.4	2	7
ICRF J122454.4 + 212246	1222 + 216	12 24 54.45840915	21 22 46.3887632	0.00000753	0.0002020	−0.316	51154.9	50085.5	53552.8	5	386
ICRF J122503.7 + 125313	1222 + 131	12 25 03.74333371	12 53 13.1392769	0.00000543	0.0002004	0.009	52851.6	50303.8	54713.7	27	499
ICRF J122635.2 − 190438	1223 − 188	12 26 35.27696944	−19 04 38.5331170	0.00001459	0.0005455	−0.383	54575.9	54559.7	54601.7	2	91

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J122836.9 − 030439	1226 − 028	12 28 36.91730059	−03 04 39.3116725	0.00001955	0.0005900	−0.104	51667.2	50526.8	53131.8	6	133
ICRF J122906.6 + 020308	1226 + 023	12 29 06.69973077	02 03 08.5982771	0.00009614	0.0019494		48925.9	44090.1	53761.7	1047	26684
ICRF J123049.4 + 122328	1228 + 126	12 30 49.42338230	12 23 28.0438581	0.00000282	0.0000430	−0.094	52501.6	46502.8	54903.8	1109	31747
ICRF J123055.5 − 113909	1228 − 113	12 30 55.55591732	−11 39 09.7965406	0.00004444	0.0013067	−0.485	50624.4	50576.2	51297.8	2	45
ICRF J123505.8 + 362119	1232 + 366	12 35 05.80646026	36 21 19.3213947	0.00002862	0.0004657	−0.345	50713.9	50242.8	54482.7	2	81
ICRF J123715.2 − 504623	1234 − 504	12 37 15.23907769	−50 46 23.1751136	0.00114205	0.0041733	−0.702	50432.5	48766.9	52941.7	4	13
ICRF J123943.0 − 102328	1237 − 101	12 39 43.06147929	−10 23 28.6925079	0.00000361	0.0000684	0.004	52645.9	49398.5	54887.7	40	1436
ICRF J123946.6 − 684530	1236 − 684	12 39 46.65138604	−68 45 30.8925726	0.00004205	0.0002813	−0.330	51914.7	48043.8	54706.7	19	62
ICRF J123959.4 − 113722	1237 − 113	12 39 59.43186287	−11 37 22.9964165	0.00004959	0.0021014	−0.817	50667.0	49883.8	53552.8	14	40
ICRF J124127.7 + 545819	1239 + 552	12 41 27.70389624	54 58 19.0577051	0.00032552	0.0041013	0.154	54440.7	54440.7	54440.7	1	8
ICRF J124129.5 + 602041	1239 + 606	12 41 29.59058112	60 20 41.3223094	0.00005485	0.0004419	−0.470	52239.0	49577.0	54112.8	6	76
ICRF J124209.8 + 372005	1239 + 376	12 42 09.81238342	37 20 05.6927165	0.00001101	0.0002085	−0.014	51345.3	50168.7	52991.8	12	218
ICRF J124357.6 + 162253	1241 + 166	12 43 57.64921054	16 22 53.3935688	0.00002587	0.0006660	−0.299	54314.7	54314.7	54314.7	1	57
ICRF J124410.8 + 172104	1241 + 176	12 44 10.82443172	17 21 04.5137231	0.00067859	0.0118022	−0.916	53818.0	53719.8	54112.8	2	8
ICRF J124553.7 − 161645	1243 − 160	12 45 53.74227766	−16 16 45.7046787	0.00000731	0.0001914	−0.003	52610.9	50632.3	54795.7	3	192
ICRF J124828.4 − 455947	1245 − 457	12 48 28.49515640	−45 59 47.1799598	0.00001521	0.0002924	0.391	53691.6	53018.7	54670.7	13	71
ICRF J124850.9 + 483953	1246 + 489	12 48 50.94801563	48 39 53.1542241	0.00066969	0.0141331	0.698	52087.9	50306.3	54314.7	2	9
ICRF J125359.5 − 405930	1251 − 407	12 53 59.53360367	−40 59 30.6873600	0.00014482	0.0044810	0.490	51285.3	49650.8	53134.5	5	17
ICRF J125437.2 − 200056	1251 − 197	12 54 37.25564698	−20 00 56.4087996	0.00002567	0.0009784	−0.429	54489.7	54489.7	54489.7	1	57
ICRF J125611.1 − 054721	1253 − 055	12 56 11.16656541	−05 47 21.5247030	0.00007102	0.0012656		47333.2	44090.1	50576.4	203	4891
ICRF J125614.2 + 565225	1254 + 571	12 56 14.23393227	56 52 25.2371251	0.00003235	0.0004261	−0.025	50741.7	49690.0	51246.6	2	74
ICRF J125759.0 − 315516	1255 − 316	12 57 59.06081737	−31 55 16.8516980	0.00000356	0.0000494	0.097	52324.3	47640.2	54893.7	725	6171
ICRF J125838.3 − 180003	1255 − 177	12 58 38.30170441	−18 00 03.1244074	0.00000679	0.0001241	−0.062	52912.0	50632.3	54901.7	9	177
ICRF J125854.4 − 221931	1256 − 220	12 58 54.47877943	−22 19 31.1249780	0.00000700	0.0002293	−0.168	52015.6	50632.3	53609.2	3	283
ICRF J130020.9 + 141718	1257 + 145	13 00 20.91881952	14 17 18.5316703	0.00000653	0.0001152	0.047	52803.1	48804.9	54648.7	35	605
ICRF J130042.4 − 325312	1257 − 326	13 00 42.42601137	−32 53 12.1133944	0.00002293	0.0007954	0.054	53007.0	52306.7	53411.8	3	88
ICRF J130533.0 − 103319	1302 − 102	13 05 33.01503417	−10 33 19.4280396	0.00000452	0.0001089	−0.218	51423.6	47176.5	54613.5	72	853
ICRF J130823.7 + 354637	1306 + 360	13 08 23.70914047	35 46 37.1639586	0.00000675	0.0001343	0.055	53679.6	52409.7	54907.7	7	246
ICRF J130838.1 − 825934	1303 − 827	13 08 38.19452054	−82 59 34.7944422	0.00165425	0.0043058	−0.029	53312.1	52887.6	54457.4	4	18
ICRF J130933.9 + 115424	1307 + 121	13 09 33.93245071	11 54 24.5531525	0.00000369	0.0000642	0.094	52210.2	49099.7	53824.7	114	1334
ICRF J131028.6 + 322043	1308 + 326	13 10 28.66384822	32 20 43.7829398	0.00002143	0.0002878		49839.0	44774.0	54904.0	2046	107498
ICRF J131103.2 + 551354	1308 + 554	13 11 03.21082487	55 13 54.3223262	0.00001721	0.0002347	−0.284	51953.3	49577.0	54893.7	8	133
ICRF J131736.4 + 342515	1315 + 346	13 17 36.49417645	34 25 15.9324898	0.00000517	0.0000902	0.091	52293.7	47946.4	54887.7	40	940
ICRF J131946.1 + 514805	1317 + 520	13 19 46.19809371	51 48 05.7774581	0.00006402	0.0004841	−0.084	52877.2	49577.0	54664.7	2	37
ICRF J132026.7 + 014036	1317 + 019	13 20 26.79485592	01 40 36.8116471	0.00001840	0.0005081	0.168	50393.6	49914.7	54643.7	2	79

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J132111.2 + 221612	1318 + 225	13 21 11.20255501	22 16 12.1084056	0.00000760	0.0001788	−0.041	50958.3	50085.5	53362.8	29	316
ICRF J132114.0 − 263610	1318 − 263	13 21 14.03691575	−26 36 10.4657985	0.00003434	0.0016085	−0.645	50778.5	50632.3	54664.7	3	100
ICRF J132304.2 − 445233	1320 − 446	13 23 04.24662605	−44 52 33.8541902	0.00026025	0.0027907	0.093	50479.4	48766.9	52409.7	6	32
ICRF J132351.5 + 794251	1323 + 799	13 23 51.56999732	79 42 51.8470584	0.00010943	0.0001847	0.015	51926.3	50688.3	54664.7	2	106
ICRF J132451.4 + 362242	1322 + 366	13 24 51.44115875	36 22 42.7741809	0.00016416	0.0048327	0.508	52445.7	51297.8	53134.5	2	8
ICRF J132527.6 − 430108	1322 − 427	13 25 27.61509104	−43 01 08.8056025	0.00003872	0.0007394	0.665	51173.6	48110.9	52409.7	8	72
ICRF J132616.5 + 315409	1323 + 321	13 26 16.51232948	31 54 09.5144454	0.00008016	0.0009922	−0.104	49489.4	48223.7	51386.3	8	97
ICRF J132649.2 − 525623	1323 − 527	13 26 49.22915127	−52 56 23.6332362	0.00003165	0.0007472	0.542	54723.8	54723.8	54723.8	1	12
ICRF J132905.8 + 500926	1327 + 504	13 29 05.80271123	50 09 26.4009666	0.00001192	0.0001528	−0.137	51768.6	49577.0	54901.7	7	296
ICRF J132952.8 + 315411	1327 + 321	13 29 52.86490560	31 54 11.0545488	0.00000423	0.0000719	−0.152	51607.4	50219.8	51883.6	2	488
ICRF J133011.0 − 700313	1326 − 697	13 30 11.07683211	−70 03 13.0779511	0.00005805	0.0003621	0.211	54723.8	54723.8	54723.8	1	16
ICRF J133037.6 + 250910	1328 + 254	13 30 37.69037604	25 09 10.8785630	0.00020728	0.0027253	−0.298	53496.3	52409.7	54187.7	2	18
ICRF J133108.2 + 303032	1328 + 307	13 31 08.28804901	30 30 32.9592518	0.00001954	0.0002606	0.253	51195.6	48787.9	53185.7	9	225
ICRF J133245.2 + 472222	1330 + 476	13 32 45.24642317	47 22 22.6676990	0.00000628	0.0000741	−0.131	51427.2	50306.3	53068.7	6	954
ICRF J133253.2 + 020045	1330 + 022	13 32 53.27053954	02 00 45.6995025	0.00000792	0.0002642	−0.350	54187.7	54187.7	54187.7	1	90
ICRF J133335.7 + 164904	1331 + 170	13 33 35.78263458	16 49 04.0148467	0.00001069	0.0002424	0.204	51043.4	50085.5	54643.7	4	280
ICRF J133634.0 − 152948	1333 − 152	13 36 34.08914571	−15 29 48.0704161	0.00001183	0.0004016	−0.265	54578.0	54559.7	54601.7	2	138
ICRF J133639.0 − 335757	1333 − 337	13 36 39.03275288	−33 57 57.0783023	0.00006659	0.0018822	−0.723	54489.7	54489.7	54489.7	1	37
ICRF J133749.6 + 550102	1335 + 552	13 37 49.64223536	55 01 02.1179278	0.00004882	0.0003838	0.129	50476.7	49577.0	54643.7	2	107
ICRF J133752.4 − 650924	1334 − 649	13 37 52.44517136	−65 09 24.8996051	0.00067986	0.0035312	−0.448	50236.1	48043.8	54457.4	3	13
ICRF J133919.8 − 262030	1336 − 260	13 39 19.89075991	−26 20 30.4955578	0.00001400	0.0004011	0.006	50901.5	50632.3	54643.7	3	165
ICRF J134013.3 − 033520	1337 − 033	13 40 13.30449743	−03 35 20.8035993	0.00022647	0.0023598	−0.502	54125.8	54125.8	54125.8	1	18
ICRF J134022.9 + 375443	1338 + 381	13 40 22.95181528	37 54 43.8334324	0.00001368	0.0002759	−0.222	51454.3	48942.5	52991.8	15	224
ICRF J134215.3 − 290041	1339 − 287	13 42 15.34561635	−29 00 41.8315406	0.00001756	0.0004489	−0.003	52065.4	50688.3	54818.7	4	130
ICRF J134649.0 − 602429	1343 − 601	13 46 49.04327124	−60 24 29.3552337	0.00036538	0.0015142	0.110	52991.2	52887.6	53138.8	4	22
ICRF J134733.3 + 121724	1345 + 125	13 47 33.36161542	12 17 24.2402572	0.00001072	0.0003382	−0.308	49912.4	47659.7	53193.7	12	189
ICRF J134934.6 + 534117	1347 + 539	13 49 34.65660955	53 41 17.0401780	0.00000628	0.0000633	−0.112	52039.0	47931.6	54713.7	26	1430
ICRF J135052.7 + 303453	1348 + 308	13 50 52.73621029	30 34 53.5904749	0.00000956	0.0001726	−0.110	53057.8	50219.8	54852.7	6	252
ICRF J135446.5 − 104102	1352 − 104	13 54 46.51868791	−10 41 02.6562064	0.00000479	0.0000951	−0.043	52668.6	50456.8	54907.7	43	670
ICRF J135546.6 − 632642	1352 − 632	13 55 46.61199420	−63 26 42.5731913	0.00039978	0.0017971	−0.062	51023.4	49535.0	52941.7	4	11
ICRF J135704.4 + 191907	1354 + 195	13 57 04.43665381	19 19 07.3724675	0.00000376	0.0000618	−0.236	49469.3	44447.0	54657.8	147	2590
ICRF J135706.0 − 174401	1354 − 174	13 57 06.07420483	−17 44 01.9049126	0.00000871	0.0001343	−0.101	52551.2	50456.8	54741.8	33	280
ICRF J135900.1 − 415252	1355 − 416	13 59 00.18460706	−41 52 52.6378395	0.00037269	0.0024173	−0.345	51888.4	48110.9	54076.8	6	19
ICRF J135927.1 + 015954	1356 + 022	13 59 27.14932395	01 59 54.5637166	0.00001497	0.0005747	−0.615	50395.5	49914.7	54482.7	2	114
ICRF J140445.8 − 013021	1402 − 012	14 04 45.89547782	−01 30 21.9469710	0.00000766	0.0001103	−0.082	52448.8	48664.8	54741.8	33	586

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J140501.1 + 041535	1402 + 044	14 05 01.11981424	04 15 35.8189966	0.00000426	0.0000982	−0.208	51001.5	48888.7	54713.7	58	975
ICRF J140700.3 + 282714	1404 + 286	14 07 00.39441357	28 27 14.6902360	0.00002394	0.0005152		49622.9	44341.9	54904.0	1827	62555
ICRF J140754.9 − 343128	1404 − 342	14 07 54.91699085	−34 31 28.2755232	0.00018268	0.0059286	0.343	54489.7	54489.7	54489.7	1	17
ICRF J140812.9 + 561332	1406 + 564	14 08 12.94626357	56 13 32.4843042	0.00003197	0.0003770	−0.652	50863.0	49577.0	54482.7	2	103
ICRF J140950.1 − 265736	1406 − 267	14 09 50.16977926	−26 57 36.9798902	0.00000896	0.0002966	0.032	51736.7	50632.3	54845.7	7	227
ICRF J141154.8 + 213423	1409 + 218	14 11 54.86222322	21 34 23.4372982	0.00000736	0.0001800	−0.105	52034.3	48863.2	53131.8	7	389
ICRF J141414.8 + 455448	1412 + 461	14 14 14.85256697	45 54 48.7201952	0.00025594	0.0063652	0.385	52978.6	50306.3	54314.7	2	9
ICRF J141526.0 − 370526	1412 − 368	14 15 26.01633363	−37 05 26.9704342	0.00001826	0.0002338	−0.328	53306.8	52306.7	54741.8	24	184
ICRF J141558.8 + 132023	1413 + 135	14 15 58.81750938	13 20 23.7129069	0.00000363	0.0000696	−0.094	51968.9	45138.8	54732.7	59	1460
ICRF J141604.1 + 344436	1413 + 349	14 16 04.18624339	34 44 36.4276060	0.00001604	0.0004037	0.100	50930.3	50219.8	51687.6	3	134
ICRF J141908.1 + 062834	1416 + 067	14 19 08.18018144	06 28 34.8036592	0.00001299	0.0002515	−0.122	52066.0	48194.7	54440.7	18	440
ICRF J141959.2 + 270625	1417 + 273	14 19 59.29708230	27 06 25.5528497	0.00000494	0.0000799	0.010	52870.2	48863.2	54872.7	18	859
ICRF J142136.9 − 193118	1418 − 192	14 21 36.95810113	−19 31 18.8512131	0.00001387	0.0004703	−0.311	54601.7	54601.7	54601.7	1	55
ICRF J142230.3 + 322310	1420 + 326	14 22 30.37895867	32 23 10.4401675	0.00000981	0.0001801	−0.313	51373.5	48863.2	53136.7	8	374
ICRF J142330.1 + 115951	1421 + 122	14 23 30.10127504	11 59 51.2404091	0.00031539	0.0033361	−0.468	53214.7	49914.7	54314.7	2	12
ICRF J142343.5 − 782934	1418 − 782	14 23 43.54932210	−78 29 34.8995832	0.00014708	0.0006808	−0.024	53671.2	52887.6	54457.4	4	22
ICRF J142452.2 − 724117	1420 − 724	14 24 52.23821895	−72 41 17.0947636	0.00007477	0.0003574	0.128	54723.8	54723.8	54723.8	1	14
ICRF J142637.0 + 362509	1424 + 366	14 26 37.08749725	36 25 09.5738155	0.00000768	0.0001205	−0.056	52513.8	50242.8	54893.7	10	438
ICRF J142700.3 + 234800	1424 + 240	14 27 00.39178893	23 48 00.0376180	0.00001209	0.0002725	−0.114	51050.1	48863.2	53306.8	9	288
ICRF J142921.8 + 540611	1427 + 543	14 29 21.87878876	54 06 11.1229539	0.00001649	0.0001680	−0.356	50443.0	49577.0	51604.8	7	232
ICRF J143023.7 + 420436	1428 + 422	14 30 23.74163330	42 04 36.4911889	0.00000909	0.0001303	0.118	51468.1	50242.8	54664.7	16	421
ICRF J143040.5 + 364903	1428 + 370	14 30 40.58369261	36 49 03.8889208	0.00000891	0.0002285	0.141	53597.4	53134.5	54907.7	4	123
ICRF J143239.8 + 361807	1430 + 365	14 32 39.82960880	36 18 07.9325784	0.00002469	0.0005265	−0.276	51322.2	50303.8	51687.6	10	85
ICRF J143257.6 − 180135	1430 − 178	14 32 57.69062238	−18 01 35.2486238	0.00001056	0.0002235	−0.584	51206.7	48160.3	54664.7	19	256
ICRF J143535.4 + 301224	1433 + 304	14 35 35.40218433	30 12 24.5191721	0.00002537	0.0003571	0.252	50590.8	48863.2	52809.7	7	225
ICRF J143640.9 + 232103	1434 + 235	14 36 40.98108755	23 21 03.2599184	0.00000710	0.0001656	−0.043	50780.9	50085.5	54482.7	5	272
ICRF J143645.8 + 633637	1435 + 638	14 36 45.80215514	63 36 37.8664255	0.00000842	0.0000580	0.080	51921.2	47023.7	54641.7	26	1542
ICRF J143809.4 − 220454	1435 − 218	14 38 09.46939868	−22 04 54.7484388	0.00000488	0.0001066	−0.047	51623.8	47176.5	54482.7	38	609
ICRF J143853.6 + 371035	1436 + 373	14 38 53.61097802	37 10 35.4166417	0.00001305	0.0002178	−0.012	50856.6	50242.8	51687.6	2	153
ICRF J143923.6 + 325354	1437 + 331	14 39 23.65451594	32 53 54.8241527	0.00006636	0.0012154	−0.363	51687.6	51687.6	51687.6	1	35
ICRF J144302.7 + 520137	1441 + 522	14 43 02.76064852	52 01 37.2984668	0.00005008	0.0008682	−0.134	53768.8	53768.8	53768.8	1	35
ICRF J144356.8 + 250144	1441 + 252	14 43 56.89219806	25 01 44.4907918	0.00000593	0.0001111	0.036	53969.4	52409.7	54880.7	8	343
ICRF J144358.6 + 633226	1442 + 637	14 43 58.60079140	63 32 26.3649277	0.00003820	0.0003056	0.083	51112.9	49827.5	54664.7	2	143
ICRF J144516.4 + 095836	1442 + 101	14 45 16.46524525	09 58 36.0728255	0.00000502	0.0000833	0.149	51778.5	47011.4	54901.7	52	915
ICRF J144635.3 + 172107	1444 + 175	14 46 35.34629568	17 21 07.5812849	0.00000685	0.0001933	−0.128	50878.5	50085.5	52751.7	5	305

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J144815.0 − 162024	1445 − 161	14 48 15.05414424	−16 20 24.5488418	0.00000660	0.0001296	−0.543	51571.6	47605.1	54802.7	49	483
ICRF J144828.7 + 760111	1448 + 762	14 48 28.77904214	76 01 11.5972889	0.00011573	0.0002374		48423.3	47019.5	49827.1	45	4375
ICRF J145353.6 + 264833	1451 + 270	14 53 53.60064927	26 48 33.4099627	0.00000869	0.0002278	−0.352	51232.3	50219.8	53306.8	3	200
ICRF J145427.4 − 374733	1451 − 375	14 54 27.40975442	−37 47 33.1448724	0.00000418	0.0000604	−0.006	52204.4	48110.9	54760.7	270	2982
ICRF J145726.7 − 353909	1454 − 354	14 57 26.71171326	−35 39 09.9714572	0.00001208	0.0002111	0.262	54087.4	53134.5	54768.6	21	153
ICRF J145743.4 + 243507	1455 + 247	14 57 43.42532055	24 35 07.7178248	0.00016209	0.0021734	−0.185	53341.8	53341.8	53341.8	1	20
ICRF J145907.5 + 714019	1458 + 718	14 59 07.58391245	71 40 19.8666961	0.00007181	0.0010782		51153.5	48194.5	54112.5	33	2029
ICRF J150502.3 − 343256	1501 − 343	15 05 02.37034781	−34 32 56.8197583	0.00002098	0.0006021	−0.172	54818.7	54818.7	54818.7	1	63
ICRF J150653.0 + 423923	1505 + 428	15 06 53.04185808	42 39 23.0353602	0.00001002	0.0001803	−0.051	51866.3	50242.8	53609.2	3	174
ICRF J150704.7 − 165230	1504 − 166	15 07 04.78696071	−16 52 30.2670781	0.00000366	0.0000695	−0.214	51945.7	46840.8	54741.8	96	1470
ICRF J150838.9 − 495302	1505 − 496	15 08 38.94449316	−49 53 02.3102928	0.00032088	0.0019117	−0.796	53166.0	52676.7	53411.7	3	12
ICRF J151053.5 − 054307	1508 − 055	15 10 53.59142086	−05 43 07.4173767	0.00000378	0.0000676	−0.015	52428.2	50576.2	54852.7	27	923
ICRF J151215.7 + 020316	1509 + 022	15 12 15.74171522	02 03 16.9794284	0.00002264	0.0008267	−0.651	53768.8	53768.8	53768.8	1	36
ICRF J151251.5 − 655302	1508 − 656	15 12 51.55065695	−65 53 02.2237667	0.00010040	0.0007545	0.048	53580.3	52887.6	54457.4	4	22
ICRF J151440.0 − 474829	1511 − 476	15 14 40.02459116	−47 48 29.8575859	0.00001452	0.0002663	0.428	53532.4	52676.7	54706.7	23	138
ICRF J151640.2 + 001501	1514 + 004	15 16 40.21905831	00 15 01.9089633	0.00000592	0.0001883	−0.255	51726.3	49914.7	53609.2	2	259
ICRF J151741.8 − 242219	1514 − 241	15 17 41.81313221	−24 22 19.4760251	0.00000318	0.0000551	−0.215	51597.7	46840.8	54684.7	293	7149
ICRF J152209.9 + 314414	1520 + 319	15 22 09.99172973	31 44 14.3819060	0.00000577	0.0001021	0.087	53740.8	50219.8	54852.7	7	440
ICRF J152225.4 − 293625	1519 − 294	15 22 25.48633643	−29 36 25.2307202	0.00000838	0.0001351	−0.043	53712.4	50688.3	54880.7	19	351
ICRF J152441.6 + 152121	1522 + 155	15 24 41.61147702	15 21 21.0508708	0.00000620	0.0001831	−0.171	52355.3	50085.5	53341.7	61	282
ICRF J152642.8 + 665054	1526 + 670	15 26 42.87421490	66 50 54.6419680	0.00006225	0.0003533	0.575	50902.2	49827.5	54643.7	2	121
ICRF J153452.4 + 013104	1532 + 016	15 34 52.45368142	01 31 04.2065916	0.00000426	0.0000742	−0.069	52126.6	47407.6	54643.7	43	687
ICRF J153454.6 − 352623	1531 − 352	15 34 54.68760070	−35 26 23.4970592	0.00001731	0.0006310	0.072	54489.7	54489.7	54489.7	1	72
ICRF J153811.9 − 652551	1533 − 652	15 38 11.91525813	−65 25 51.1957589	0.00012011	0.0014839	0.682	54723.8	54723.8	54723.8	1	11
ICRF J153815.9 + 001905	1535 + 004	15 38 15.95307868	00 19 05.3242162	0.00002173	0.0007088	−0.295	50626.7	49914.7	54482.7	3	97
ICRF J154049.4 + 144745	1538 + 149	15 40 49.49151734	14 47 45.8848470	0.00000352	0.0000625	−0.103	52036.7	45138.8	54235.7	61	1332
ICRF J154333.9 + 045219	1541 + 050	15 43 33.92576617	04 52 19.3198582	0.00002876	0.0010215	0.163	53863.5	49914.7	54314.7	2	39
ICRF J154917.4 + 503805	1547 + 507	15 49 17.46855479	50 38 05.7882265	0.00000587	0.0000648	0.008	51701.5	47005.8	54713.7	27	1169
ICRF J155059.1 − 825806	1540 − 828	15 50 59.14046591	−82 58 06.8384784	0.00252791	0.0040571	−0.211	50482.6	48043.8	54457.4	3	10
ICRF J155332.6 + 125651	1551 + 130	15 53 32.69787636	12 56 51.7164791	0.00001116	0.0003727	0.049	51060.7	50085.5	52464.7	6	193
ICRF J155402.4 − 270440	1550 − 269	15 54 02.46979712	−27 04 40.2331201	0.00001670	0.0003946	0.182	50869.7	50632.3	54664.7	3	134
ICRF J155658.8 − 791404	1549 − 790	15 56 58.86989203	−79 14 04.2815029	0.00004138	0.0001211	0.223	50031.8	47626.5	54726.7	37	227
ICRF J155821.9 − 140959	1555 − 140	15 58 21.94809663	−14 09 59.0518922	0.00002273	0.0004938	−0.296	50576.0	48704.1	51169.7	8	119
ICRF J155941.4 − 244238	1556 − 245	15 59 41.40907451	−24 42 38.8320005	0.00000984	0.0001384	−0.163	52620.0	50632.3	54768.6	20	240
ICRF J160140.4 + 431647	1600 + 432	16 01 40.44389630	43 16 47.7566660	0.00011344	0.0018364	0.211	50184.6	49883.8	50560.6	2	9

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J160140.5 + 431646	1600 + 431	16 01 40.51541404	43 16 46.4774011	0.00015534	0.0034736	0.471	50053.0	49883.8	50560.6	2	4
ICRF J160207.2 + 332653	1600 + 335	16 02 07.26346106	33 26 53.0724368	0.00000404	0.0000621	−0.046	52256.9	48103.5	54818.7	40	1384
ICRF J160316.5 − 293355	1600 − 294	16 03 16.57145685	−29 33 55.4238604	0.00001647	0.0005253	−0.107	54577.1	54559.7	54601.7	2	140
ICRF J160341.9 + 110548	1601 + 112	16 03 41.93124888	11 05 48.6790921	0.00000972	0.0004398	0.262	51632.4	49914.7	54887.7	5	105
ICRF J160431.0 − 444131	1600 − 445	16 04 31.02073543	−44 41 31.9731923	0.00003385	0.0006814	−0.205	53039.6	49535.0	54440.7	10	47
ICRF J160437.3 + 571436	1603 + 573	16 04 37.35462827	57 14 36.6609410	0.00002634	0.0002114	0.160	51191.8	49577.0	53306.8	3	203
ICRF J160517.5 − 113926	1602 − 115	16 05 17.53165324	−11 39 26.8307937	0.00000785	0.0002108	0.122	54451.6	53552.8	54887.7	6	311
ICRF J160913.3 + 264129	1607 + 268	16 09 13.32076181	26 41 29.0362080	0.00001419	0.0002811	0.073	49659.1	44090.5	53306.8	15	309
ICRF J161021.8 − 395858	1606 − 398	16 10 21.87908922	−39 58 58.3284422	0.00001688	0.0003880	−0.034	52901.7	52306.7	54684.7	21	95
ICRF J161042.0 + 241449	1608 + 243	16 10 42.02677273	24 14 49.0116609	0.00000749	0.0001518	−0.231	53222.2	50219.8	54872.7	8	322
ICRF J161341.0 + 341247	1611 + 343	16 13 41.06424258	34 12 47.9089281	0.00001343	0.0002432		49839.0	44774.0	54904.0	1766	134105
ICRF J161720.5 − 253723	1614 − 255	16 17 20.57094356	−25 37 23.6556827	0.00002241	0.0007765	−0.307	54559.7	54559.7	54559.7	1	74
ICRF J161749.2 − 771718	1610 − 771	16 17 49.27640906	−77 17 18.4674722	0.00018412	0.0006413		51173.2	47626.7	54719.8	276	3211
ICRF J161749.9 + 024643	1615 + 029	16 17 49.90812194	02 46 43.1049263	0.00000800	0.0001720	0.086	52916.0	49914.7	54893.7	9	351
ICRF J161903.6 + 061302	1616 + 063	16 19 03.68767530	06 13 02.2431696	0.00000467	0.0001104	−0.168	52097.2	48194.7	54872.7	24	789
ICRF J162031.2 + 490153	1619 + 491	16 20 31.22519532	49 01 53.2569193	0.00002071	0.0004167	−0.188	51038.6	50306.3	54643.7	2	77
ICRF J162424.8 + 574116	1623 + 578	16 24 24.80754879	57 41 16.2809707	0.00001467	0.0001328	−0.113	51624.9	49577.0	54880.7	5	209
ICRF J162557.6 + 413440	1624 + 416	16 25 57.66971410	41 34 40.6292986	0.00000509	0.0000654	0.007	51191.2	46527.7	54739.7	53	1325
ICRF J162606.0 − 295126	1622 − 297	16 26 06.02083867	−29 51 26.9710860	0.00000560	0.0000798	−0.096	52091.1	46840.8	54893.7	75	945
ICRF J162837.5 + 473410	1627 + 476	16 28 37.50448717	47 34 10.4154438	0.00054969	0.0062535	0.624	52444.2	50306.3	54314.7	2	15
ICRF J163011.2 + 213134	1628 + 216	16 30 11.23084515	21 31 34.3107579	0.00028810	0.0053229	0.830	50854.6	50854.6	50854.6	1	9
ICRF J163231.9 + 823216	1637 + 826	16 32 31.96990024	82 32 16.3999540	0.00002455	0.0000462	−0.217	53123.2	50688.3	54865.7	137	3821
ICRF J163515.4 + 380804	1633 + 382	16 35 15.49297028	38 08 04.5006228	0.00000368	0.0000456	−0.035	48559.2	44447.0	54837.7	484	15672
ICRF J163638.1 + 211255	1634 + 213	16 36 38.18345081	21 12 55.5950221	0.00001716	0.0003007	−0.121	50407.8	50085.5	53020.8	5	196
ICRF J163745.1 + 471733	1636 + 473	16 37 45.13054817	47 17 33.8311747	0.00000739	0.0000887	−0.082	53366.3	50306.3	54845.7	9	315
ICRF J164202.1 − 062123	1639 − 062	16 42 02.17771607	−06 21 23.6949098	0.00000461	0.0000803	0.047	54391.6	53126.1	54837.7	9	500
ICRF J164205.2 − 200724	1639 − 200	16 42 05.29092217	−20 07 24.8490258	0.00002135	0.0007362	−0.020	54601.7	54601.7	54601.7	1	52
ICRF J164258.8 + 394836	1641 + 399	16 42 58.80996455	39 48 36.9940174	0.00007111	0.0006876		47166.4	44090.1	50242.7	1089	45187
ICRF J164333.3 − 231607	1640 − 231	16 43 33.39050847	−23 16 07.8587301	0.00003018	0.0007135	−0.358	53992.8	53992.8	53992.8	1	31
ICRF J164416.1 − 771548	1637 − 771	16 44 16.12010009	−77 15 48.8126057	0.00033887	0.0009327	−0.744	53569.8	52887.6	54457.4	4	18
ICRF J164733.5 + 270558	1645 + 271	16 47 33.59843500	27 05 58.2939863	0.00007146	0.0009794	0.286	53869.6	50219.8	54314.7	2	46
ICRF J164741.8 + 172011	1645 + 174	16 47 41.83943160	17 20 11.8367147	0.00017470	0.0042672	0.009	54314.7	54314.7	54314.7	1	10
ICRF J164801.5 + 222433	1645 + 224	16 48 01.53555050	22 24 33.1480371	0.00001713	0.0003265	0.174	50746.0	50085.5	52975.7	4	121
ICRF J164842.3 − 330148	1645 − 329	16 48 42.35109264	−33 01 48.9315026	0.00001719	0.0006111	−0.226	54489.7	54489.7	54489.7	1	75
ICRF J165016.6 − 504448	1646 − 506	16 50 16.62700224	−50 44 48.2111732	0.00040165	0.0024059	0.803	52828.9	52676.7	52948.7	3	6

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J165037.5 + 082452	1648 + 084	16 50 37.56271659	08 24 52.2314315	0.00001746	0.0003548	−0.159	53786.7	49914.7	54314.7	2	50
ICRF J165039.5 − 294346	1647 − 296	16 50 39.54410263	−29 43 46.9545334	0.00000969	0.0001062	−0.407	52789.7	48346.0	54741.8	37	312
ICRF J165258.5 + 390249	1651 + 391	16 52 58.50957694	39 02 49.8224174	0.00000727	0.0001281	−0.253	53345.4	50242.8	54880.7	5	326
ICRF J165352.2 + 394536	1652 + 398	16 53 52.21668494	39 45 36.6089458	0.00000387	0.0000476	−0.068	51890.2	46976.8	54810.7	313	4916
ICRF J165801.4 + 344328	1656 + 348	16 58 01.41920004	34 43 28.4021412	0.00000871	0.0001026	−0.103	52170.5	48853.8	54627.7	17	532
ICRF J165802.7 + 473749	1656 + 477	16 58 02.77959728	47 37 49.2310389	0.00000549	0.0000672	−0.009	52304.9	49184.9	54732.7	20	1088
ICRF J165809.0 + 074127	1655 + 077	16 58 09.01146700	07 41 27.5405227	0.00000356	0.0000651	−0.128	52442.9	47407.6	54620.7	34	943
ICRF J165833.4 + 051516	1656 + 053	16 58 33.44732673	05 15 16.4440483	0.00000397	0.0000720	−0.037	51155.4	44773.8	54725.7	59	1571
ICRF J165844.0 − 073917	1656 − 075	16 58 44.06199336	−07 39 17.6939570	0.00000591	0.0001581	−0.025	54234.2	52306.7	54907.7	7	497
ICRF J170124.6 + 395437	1659 + 399	17 01 24.63481659	39 54 37.0915943	0.00000844	0.0001248	0.041	54145.9	53523.9	54865.7	4	152
ICRF J170717.7 + 453610	1705 + 456	17 07 17.75341186	45 36 10.5529303	0.00000597	0.0000678	−0.035	52543.0	48434.7	54746.7	20	952
ICRF J170745.6 + 133105	1705 + 135	17 07 45.63728315	13 31 05.2329805	0.00000905	0.0002263	−0.067	51053.2	50085.5	53213.7	8	213
ICRF J170918.6 − 352522	1705 − 353	17 09 18.66632554	−35 25 22.1976894	0.00018187	0.0052035	0.324	54489.7	54489.7	54489.7	1	15
ICRF J170941.0 + 431844	1708 + 433	17 09 41.08658230	43 18 44.5325556	0.00001102	0.0001454	−0.113	54070.8	53719.8	54076.8	2	119
ICRF J171350.7 − 322612	1710 − 323	17 13 50.79019382	−32 26 12.2081288	0.00003677	0.0012005	−0.453	54489.7	54489.7	54489.7	1	41
ICRF J172155.9 − 255840	1718 − 259	17 21 55.97912858	−25 58 40.6931598	0.00005995	0.0016106	0.255	54601.7	54601.7	54601.7	1	22
ICRF J172236.7 + 585622	1721 + 589	17 22 36.72656643	58 56 22.2607960	0.00003411	0.0002584	−0.094	52567.1	49577.0	53306.8	4	100
ICRF J172320.7 + 341757	1721 + 343	17 23 20.79594615	34 17 57.9645739	0.00003765	0.0008186	−0.302	54125.8	54125.8	54125.8	1	32
ICRF J172339.7 + 523648	1722 + 526	17 23 39.74636137	52 36 48.3949722	0.00007913	0.0008018	−0.037	51195.8	49577.0	54664.7	2	66
ICRF J172341.0 − 650036	1718 − 649	17 23 41.02938963	−65 00 36.6113150	0.00002498	0.0002160	0.098	52226.3	48110.9	54670.7	22	93
ICRF J172414.1 + 330303	1722 + 330	17 24 14.19784046	33 03 03.9390630	0.00000852	0.0001929	−0.214	52884.9	50219.8	54818.7	5	300
ICRF J172807.0 + 121539	1725 + 123	17 28 07.05121458	12 15 39.4857443	0.00000732	0.0002271	−0.152	51274.8	49914.7	54845.7	12	217
ICRF J172818.6 + 501310	1727 + 502	17 28 18.62400474	50 13 10.4701931	0.00002038	0.0001904	0.044	51840.4	47459.8	54214.7	17	235
ICRF J172824.9 + 042704	1725 + 044	17 28 24.95272422	04 27 04.9139217	0.00000405	0.0000709	−0.152	52011.5	47931.6	54601.7	28	1113
ICRF J173548.0 + 361645	1734 + 363	17 35 48.08662457	36 16 45.6115018	0.00000908	0.0001156	0.145	51442.5	49939.8	53066.7	8	390
ICRF J173549.0 + 504911	1734 + 508	17 35 49.00517207	50 49 11.5659859	0.00001091	0.0001717	−0.059	49731.1	49429.9	51074.2	5	291
ICRF J173713.7 + 062103	1734 + 063	17 37 13.72903528	06 21 03.5722392	0.00001001	0.0003235	−0.191	50120.7	49914.7	54482.7	2	133
ICRF J173735.7 − 563403	1733 − 565	17 37 35.77025298	−56 34 03.1573599	0.00038270	0.0019417	0.760	50220.1	48388.4	52878.7	6	19
ICRF J173840.5 + 322409	1736 + 324	17 38 40.50182158	32 24 09.0257504	0.00000981	0.0002602	−0.212	51149.2	50219.8	54872.7	3	170
ICRF J174036.9 + 521143	1739 + 522	17 40 36.97784943	52 11 43.4074427	0.00001958	0.0002155		49623.7	44343.3	54904.0	2094	187178
ICRF J174425.4 − 514443	1740 − 517	17 44 25.45037564	−51 44 43.7929482	0.00048513	0.0032918	0.703	49096.2	48766.9	50413.7	2	5
ICRF J174456.6 + 554217	1744 + 557	17 44 56.60706995	55 42 17.1611150	0.00000844	0.0000735	0.164	52482.3	50303.8	54263.7	26	887
ICRF J174527.1 − 075303	1742 − 078	17 45 27.10494421	−07 53 03.9476819	0.00000879	0.0002948	0.186	52444.7	52306.7	53609.2	3	130
ICRF J174554.3 + 670349	1745 + 670	17 45 54.35777069	67 03 49.2984168	0.00013681	0.0006721	0.487	54202.6	49827.5	54314.7	2	40
ICRF J174726.6 + 465850	1746 + 470	17 47 26.64728108	46 58 50.9262505	0.00000621	0.0000805	−0.008	52527.0	49422.9	54816.7	20	807

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J174832.8 + 700550	1749 + 701	17 48 32.84032810	70 05 50.7688101	0.00001167	0.0000616	−0.060	51544.6	44343.6	54732.7	30	920
ICRF J175151.2 − 252400	1748 − 253	17 51 51.26257348	−25 24 00.0637902	0.00008784	0.0021743	0.316	51710.0	48110.9	52409.7	5	58
ICRF J175322.6 + 440945	1751 + 441	17 53 22.64789038	44 09 45.6862867	0.00000545	0.0000627	−0.037	52508.3	47931.6	54634.7	22	1287
ICRF J175535.5 + 202357	1753 + 204	17 55 35.52096706	20 23 57.1375145	0.00004630	0.0015275	−0.759	50580.3	50085.5	54643.7	3	82
ICRF J175559.7 + 182021	1753 + 183	17 55 59.78232352	18 20 17.6697507	0.00023892	0.0037546	0.866	52261.3	50303.8	52409.7	4	32
ICRF J175603.6 + 574847	1755 + 578	17 56 03.62817099	57 48 47.9966952	0.00016262	0.0016067	0.335	51136.0	49577.0	54643.7	2	26
ICRF J175633.7 + 155343	1754 + 159	17 56 33.72561177	15 53 43.8332351	0.00000681	0.0001926	−0.246	51468.6	50085.5	53761.7	15	183
ICRF J175900.3 + 234346	1756 + 237	17 59 00.35808904	23 43 46.9537086	0.00001945	0.0003098	0.009	50568.0	50085.5	52989.7	4	128
ICRF J180242.6 − 394007	1759 − 396	18 02 42.68004643	−39 40 07.9079345	0.00001202	0.0002676	−0.047	53559.5	52306.7	54901.7	10	132
ICRF J180650.6 + 694928	1807 + 698	18 06 50.68064942	69 49 28.1085502	0.00000799	0.0000414	0.030	53624.7	44343.6	54844.7	916	64919
ICRF J180821.8 + 454220	1806 + 456	18 08 21.88588016	45 42 20.8663862	0.00000663	0.0000997	−0.135	52049.8	49422.9	54747.7	21	682
ICRF J181422.7 + 411305	1812 + 412	18 14 22.70617954	41 13 05.6086005	0.00001610	0.0002602	−0.400	50682.9	50242.8	54643.7	2	130
ICRF J181657.0 + 530744	1815 + 531	18 16 57.07076064	53 07 44.4997153	0.00004765	0.0005428	−0.307	53404.3	49577.0	54112.8	3	63
ICRF J181935.0 − 634548	1814 − 637	18 19 35.00263632	−63 45 48.2057193	0.00010390	0.0012813	−0.694	50235.0	48162.4	53108.7	4	16
ICRF J182057.8 − 252812	1817 − 254	18 20 57.84869182	−25 28 12.5836842	0.00000798	0.0002443	−0.109	52083.2	48804.9	53134.5	21	485
ICRF J182314.1 + 793849	1826 + 796	18 23 14.10850830	79 38 49.0019179	0.00003747	0.0001000	0.300	50540.5	47019.9	52767.7	25	631
ICRF J182402.8 + 104423	1821 + 107	18 24 02.85524914	10 44 23.7739931	0.00000388	0.0000828	−0.191	52071.5	45466.3	54664.7	39	1282
ICRF J182432.0 + 032205	1822 + 033	18 24 32.06622749	03 22 05.9343863	0.00005393	0.0017382	−0.565	54314.7	54314.7	54314.7	1	35
ICRF J182536.5 − 171849	1822 − 173	18 25 36.53227899	−17 18 49.8481568	0.00008820	0.0020537	0.113	52028.5	51732.8	52306.7	2	33
ICRF J182819.4 − 212338	1825 − 214	18 28 19.48710863	−21 23 38.7686957	0.00016387	0.0034160	−0.179	54657.8	54657.8	54657.8	1	14
ICRF J182840.1 − 053050	1825 − 055	18 28 40.15366517	−05 30 50.8695741	0.00057406	0.0130597	−0.953	53992.8	53992.8	53992.8	1	5
ICRF J183100.0 − 271406	1827 − 272	18 31 00.04483418	−27 14 06.1836695	0.00002808	0.0017940	−0.363	53768.8	53768.8	53768.8	1	43
ICRF J183211.0 − 203948	1829 − 207	18 32 11.04647946	−20 39 48.2036523	0.00003158	0.0007028	0.519	52230.3	50632.3	53551.7	3	110
ICRF J183243.4 + 135744	1830 + 139	18 32 43.47109973	13 57 44.4006510	0.00001127	0.0003226	−0.222	50952.6	50085.5	53509.7	7	222
ICRF J183250.1 + 283335	1830 + 285	18 32 50.18562512	28 33 35.9552936	0.00000466	0.0000773	−0.298	52072.0	48357.8	54718.7	26	1018
ICRF J183453.1 − 731514	1828 − 733	18 34 53.19788356	−73 15 14.3338078	0.00023208	0.0010914	−0.261	54723.8	54723.8	54723.8	1	9
ICRF J183537.2 − 714958	1829 − 718	18 35 37.20425392	−71 49 58.2200253	0.00083964	0.0038204	0.335	51081.5	48766.9	54457.4	4	15
ICRF J183705.5 − 691733	1831 − 693	18 37 05.56396275	−69 17 33.3297059	0.00016832	0.0013995	0.334	54723.8	54723.8	54723.8	1	9
ICRF J184057.1 + 390045	1839 + 389	18 40 57.15423614	39 00 45.7241751	0.00001790	0.0003140	−0.303	51056.7	50242.8	54664.7	2	163
ICRF J184208.9 + 794617	1845 + 797	18 42 08.98991617	79 46 17.1283029	0.00003228	0.0000858	−0.361	50971.1	47761.7	53719.8	34	726
ICRF J184511.1 + 400751	1843 + 400	18 45 11.13144411	40 07 51.5782538	0.00004636	0.0004083	0.511	52691.8	50022.8	53068.7	3	56
ICRF J184847.5 − 271818	1845 − 273	18 48 47.50417641	−27 18 18.0717660	0.00001696	0.0005705	−0.454	54601.7	54601.7	54601.7	1	50
ICRF J185027.5 + 282513	1848 + 283	18 50 27.58983845	28 25 13.1553126	0.00001340	0.0002839	−0.559	51218.7	50219.8	54482.7	4	71
ICRF J185228.5 + 485547	1851 + 488	18 52 28.54781817	48 55 47.4814787	0.00001596	0.0002497	0.042	51223.1	50306.3	54482.7	2	82
ICRF J185457.2 + 735119	1856 + 737	18 54 57.29992124	73 51 19.9069914	0.00001465	0.0000671	0.115	51587.9	47011.4	54739.7	25	740

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J185700.4 − 532500	1852 − 534	18 57 00.45261929	−53 25 00.3537797	0.00096801	0.0238745	0.454	50989.8	50989.8	50989.8	1	3
ICRF J185802.3 + 031316	1855 + 031	18 58 02.35260055	03 13 16.3012572	0.00052223	0.0125363	−0.248	53978.7	53978.7	53978.7	1	13
ICRF J185905.0 − 250947	1856 − 252	18 59 05.03807842	−25 09 47.1083740	0.00003250	0.0011569	−0.269	54818.7	54818.7	54818.7	1	42
ICRF J190255.9 + 315941	1901 + 319	19 02 55.93889898	31 59 41.7017097	0.00000391	0.0000531	−0.139	52030.5	48103.5	54818.7	52	2357
ICRF J190353.0 + 014526	1901 + 016	19 03 53.06319049	01 45 26.3088096	0.00003674	0.0007678	0.321	54076.8	54076.8	54076.8	1	44
ICRF J190414.3 + 153638	1901 + 155	19 04 14.36112095	15 36 38.4510807	0.00001589	0.0005211	−0.198	51615.1	50085.5	53314.8	18	67
ICRF J190829.4 − 294216	1905 − 297	19 08 29.43327871	−29 42 16.9428747	0.00003979	0.0016836	0.402	54559.7	54559.7	54559.7	1	52
ICRF J190946.5 + 483431	1908 + 484	19 09 46.56276934	48 34 31.8199243	0.00002840	0.0003146	−0.071	54023.2	50306.3	54314.7	2	55
ICRF J191158.2 + 161146	1909 + 161	19 11 58.25741154	16 11 46.8654736	0.00000722	0.0001869	0.109	52415.5	50085.5	54887.7	11	296
ICRF J191240.0 − 801005	1903 − 802	19 12 40.01912850	−80 10 05.9464641	0.00005939	0.0001476	0.054	52227.2	47626.5	54670.7	21	87
ICRF J191254.2 + 051800	1910 + 052	19 12 54.25765004	05 18 00.4215776	0.00003840	0.0005454	0.059	52207.1	50919.8	52409.7	3	70
ICRF J192218.6 + 084157	1919 + 086	19 22 18.63364784	08 41 57.3732905	0.00012730	0.0044274	−0.596	50700.6	50700.6	50700.6	1	9
ICRF J192324.6 − 632045	1918 − 634	19 23 24.60604302	−63 20 45.7655989	0.00005440	0.0004893	0.088	54723.8	54723.8	54723.8	1	14
ICRF J192439.4 + 154043	1922 + 155	19 24 39.45587746	15 40 43.9417130	0.00000892	0.0002067	−0.070	50590.8	50085.5	52423.7	5	438
ICRF J192539.7 − 221935	1922 − 224	19 25 39.79018897	−22 19 35.1124955	0.00001221	0.0001408	0.135	54673.3	53523.9	54810.7	3	953
ICRF J192559.6 + 210626	1923 + 210	19 25 59.60535560	21 06 26.1620442	0.00000298	0.0000424	0.062	53603.7	45138.8	54903.8	643	22655
ICRF J192748.4 + 735801	1928 + 738	19 27 48.49516756	73 58 01.5698707	0.00001114	0.0000467	−0.036	51114.5	44343.6	54718.7	155	3936
ICRF J192809.1 − 203543	1925 − 206	19 28 09.18336376	−20 35 43.7845230	0.00001023	0.0003710	−0.409	54578.2	54559.7	54601.7	2	139
ICRF J192840.8 + 084848	1926 + 087	19 28 40.85549919	08 48 48.4129566	0.00000665	0.0002198	−0.319	52241.1	49541.8	54489.7	15	476
ICRF J193052.7 + 153234	1928 + 154	19 30 52.76699644	15 32 34.4272915	0.00000892	0.0001889	0.209	52508.2	52306.7	52765.7	3	132
ICRF J193244.8 − 453637	1929 − 457	19 32 44.88778041	−45 36 37.9287770	0.00001654	0.0002986	0.342	53893.6	53223.4	54670.7	11	56
ICRF J193331.1 − 694258	1928 − 698	19 33 31.15986784	−69 42 58.9144745	0.00014125	0.0005304	−0.279	53470.3	53223.4	53569.1	2	7
ICRF J193435.0 + 104340	1932 + 106	19 34 35.02555658	10 43 40.3656754	0.00004665	0.0016685	−0.285	50084.6	49690.0	51169.7	2	30
ICRF J193510.4 + 203154	1932 + 204	19 35 10.47291316	20 31 54.1543598	0.00000512	0.0001004	−0.054	52102.5	48804.9	54627.7	25	1110
ICRF J193603.5 + 713131	1936 + 714	19 36 03.56081522	71 31 31.7852163	0.00004344	0.0002821	0.293	51654.4	49827.5	54664.7	3	132
ICRF J193925.0 − 634245	1934 − 638	19 39 25.02625710	−63 42 45.6244926	0.00029900	0.0015854	−0.010	49338.5	48766.9	50182.6	3	13
ICRF J193957.2 − 100241	1937 − 101	19 39 57.25657378	−10 02 41.5206099	0.00000509	0.0001107	−0.082	51903.5	48110.9	54664.7	30	689
ICRF J194121.7 − 621121	1936 − 623	19 41 21.76860913	−62 11 21.0559897	0.00006919	0.0008044	−0.527	52239.6	48162.4	54670.7	13	32
ICRF J194606.2 + 230004	1943 + 228	19 46 06.25140484	23 00 04.4144890	0.00001573	0.0004107	−0.444	51335.3	48797.8	52620.7	6	172
ICRF J194943.4 + 504131	1948 + 505	19 49 43.49231647	50 41 31.9727624	0.00002974	0.0004998	0.222	50543.7	49577.0	54664.7	3	146
ICRF J195005.5 + 080713	1947 + 079	19 50 05.53991482	08 07 13.9808872	0.00000829	0.0002069	0.031	49352.1	47005.8	52306.7	39	431
ICRF J195037.4 − 580439	1946 − 582	19 50 37.40169391	−58 04 39.7485177	0.00004254	0.0005897	0.335	54723.8	54723.8	54723.8	1	16
ICRF J195330.8 + 353759	1951 + 355	19 53 30.87571805	35 37 59.3593137	0.00001421	0.0002633	0.402	51099.4	48919.9	53131.8	11	300
ICRF J195510.7 − 611519	1950 − 613	19 55 10.77042866	−61 15 19.1396749	0.00014964	0.0014490	0.563	49275.5	48766.9	50182.6	3	15
ICRF J195511.5 + 135816	1952 + 138	19 55 11.57141116	13 58 16.2410381	0.00002003	0.0006024	−0.328	50650.8	50085.5	52429.7	4	84

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J195646.0 + 282057	1954 + 282	19 56 46.04047289	28 20 57.9771953	0.00001135	0.0002565	−0.022	52463.7	52409.7	53306.8	2	83
ICRF J195734.4 + 342754	1955 + 343	19 57 34.45493015	34 27 54.6288211	0.00020896	0.0040719	−0.157	53832.5	49690.0	54292.7	2	10
ICRF J195740.5 + 333827	1955 + 335	19 57 40.54992566	33 38 27.9433799	0.00002230	0.0002618	−0.495	51434.2	49098.6	52711.7	6	163
ICRF J195928.3 + 404402	1957 + 406	19 59 28.35645829	40 44 02.0966496	0.00007869	0.0007873	0.208	52782.5	50974.8	53068.7	3	27
ICRF J200241.9 + 150114	2000 + 148	20 02 41.99923864	15 01 14.5740022	0.00000681	0.0001637	−0.182	52696.9	50085.5	54818.7	6	423
ICRF J200324.1 − 325145	2000 − 330	20 03 24.11634022	−32 51 45.1328362	0.00000696	0.0001424	−0.235	52826.5	48043.8	54684.7	36	485
ICRF J200530.9 + 775243	2007 + 777	20 05 30.99853637	77 52 43.2475892	0.00001366	0.0000426	−0.018	49660.3	44343.6	54852.7	268	15005
ICRF J200617.6 + 642445	2005 + 642	20 06 17.69456118	64 24 45.4180969	0.00002251	0.0001441	0.107	50329.9	49422.9	53185.7	7	214
ICRF J200744.9 + 402948	2005 + 403	20 07 44.94485508	40 29 48.6041649	0.00004210	0.0004739	0.485	49340.8	44773.8	54643.7	11	114
ICRF J200824.4 − 041829	2005 − 044	20 08 24.42918136	−04 18 29.2990464	0.00003837	0.0010073	0.608	53768.8	53768.8	53768.8	1	20
ICRF J200925.3 − 484953	2005 − 489	20 09 25.39069157	−48 49 53.7214413	0.00002310	0.0001790	0.448	52451.8	47626.5	54713.7	75	287
ICRF J201114.2 − 064403	2008 − 068	20 11 14.21582849	−06 44 03.5554174	0.00000604	0.0001592	−0.543	52419.6	48346.0	54741.8	36	829
ICRF J201428.5 + 505909	2013 + 508	20 14 28.59007307	50 59 09.5283038	0.00021528	0.0018540	−0.261	53389.7	50306.3	54314.7	2	13
ICRF J201613.8 + 163234	2013 + 163	20 16 13.86002618	16 32 34.1130734	0.00000623	0.0001306	−0.076	52227.5	50085.5	54865.7	7	406
ICRF J201713.0 + 744047	2017 + 745	20 17 13.07932060	74 40 47.9999208	0.00001567	0.0000593	0.005	51556.1	47288.7	54880.7	37	1487
ICRF J202045.8 + 282659	2018 + 282	20 20 45.87074394	28 26 59.1949276	0.00043239	0.0052008	−0.127	52453.4	50219.8	54314.7	2	11
ICRF J202206.6 + 613658	2021 + 614	20 22 06.68174818	61 36 58.8047862	0.00000653	0.0000483	0.087	51345.0	44343.6	54845.7	46	2588
ICRF J202319.0 + 315302	2021 + 317	20 23 19.01734280	31 53 02.3061150	0.00000490	0.0000707	−0.050	51595.0	45775.8	54852.7	40	1164
ICRF J202355.8 + 542735	2022 + 542	20 23 55.84400810	54 27 35.8286624	0.00001908	0.0002350	−0.151	49711.2	49577.0	53306.8	2	139
ICRF J202456.5 + 171813	2022 + 171	20 24 56.56344960	17 18 13.1976871	0.00000772	0.0002347	−0.127	51038.4	50085.5	54482.7	6	220
ICRF J202509.6 + 031644	2022 + 031	20 25 09.63215102	03 16 44.5046163	0.00001460	0.0003846	−0.051	50534.3	49914.7	54643.7	2	145
ICRF J202510.8 + 334300	2023 + 335	20 25 10.84210380	33 43 00.2144724	0.00001032	0.0001295	−0.244	50981.1	48223.7	52830.7	9	328
ICRF J202935.0 − 533907	2025 − 538	20 29 35.05517337	−53 39 07.2911903	0.00010490	0.0031833	−0.115	54723.8	54723.8	54723.8	1	8
ICRF J203007.4 − 032512	2027 − 035	20 30 07.47576554	−03 25 12.5446952	0.00009632	0.0015907	0.050	54440.7	54440.7	54440.7	1	21
ICRF J203147.2 + 023937	2029 + 024	20 31 47.25111474	02 39 37.2836171	0.00000800	0.0002700	−0.251	53992.6	53768.8	54278.7	2	180
ICRF J203147.9 + 545503	2030 + 547	20 31 47.95853978	54 55 03.1395172	0.00000715	0.0000821	−0.079	51974.7	47023.7	54494.7	20	996
ICRF J203548.8 − 684633	2030 − 689	20 35 48.87649687	−68 46 33.8407364	0.00004579	0.0002470	−0.137	53669.4	53223.4	54578.6	9	35
ICRF J203837.0 + 511912	2037 + 511	20 38 37.03473972	51 19 12.6625810	0.00000440	0.0000416	0.001	53095.9	45138.8	54907.7	1211	50404
ICRF J204008.7 − 250746	2037 − 253	20 40 08.77291773	−25 07 46.6632913	0.00000899	0.0001143	−0.334	52240.4	47686.1	54741.8	48	499
ICRF J204719.6 − 163905	2044 − 168	20 47 19.66702203	−16 39 05.8429586	0.00001810	0.0006076	−0.328	50886.1	50632.3	54643.7	2	79
ICRF J204819.5 + 431042	2046 + 429	20 48 19.52626485	43 10 42.0583574	0.00124030	0.0152314	−0.175	53624.9	52409.7	53928.7	2	5
ICRF J205051.1 + 312727	2048 + 312	20 50 51.13147204	31 27 27.3740758	0.00001706	0.0001869	0.101	52451.6	48194.7	54664.7	18	332
ICRF J205133.7 + 744140	2051 + 745	20 51 33.73460186	74 41 40.4981296	0.00003392	0.0001071	−0.318	51490.7	47011.4	53486.7	28	337
ICRF J205741.6 − 373402	2054 − 377	20 57 41.60345541	−37 34 02.9903675	0.00001518	0.0003482	−0.059	51569.5	48162.4	53131.8	12	120
ICRF J205941.5 − 364554	2056 − 369	20 59 41.59681380	−36 45 54.6077823	0.00007530	0.0038924	−0.411	54601.7	54601.7	54601.7	1	15

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J210101.6 − 293327	2058 − 297	21 01 01.65997639	−29 33 27.8361770	0.00001113	0.0002253	0.135	52846.3	50688.3	54768.6	17	145
ICRF J210159.1 − 421916	2058 − 425	21 01 59.11408303	−42 19 16.1622108	0.00013271	0.0028620	0.448	51004.8	48162.4	52409.7	6	27
ICRF J210217.0 + 470216	2100 + 468	21 02 17.05607181	47 02 16.2533701	0.00003790	0.0006138	0.050	52066.0	49177.8	53126.1	4	41
ICRF J210544.9 − 782534	2059 − 786	21 05 44.96144716	−78 25 34.5470251	0.00004717	0.0001412	0.119	52065.8	47626.5	54706.7	24	99
ICRF J210659.7 − 654743	2102 − 659	21 06 59.72193838	−65 47 43.5855033	0.00006831	0.0005995	0.016	53229.9	52861.2	54593.7	11	40
ICRF J211630.8 − 805355	2109 − 811	21 16 30.84588551	−80 53 55.2231002	0.00006620	0.0001236	−0.123	51064.5	48043.8	54706.7	32	163
ICRF J211810.5 − 301911	2115 − 305	21 18 10.59764370	−30 19 11.6058292	0.00020582	0.0024998	−0.750	51557.0	48162.4	53642.7	4	12
ICRF J212104.0 − 611124	2117 − 614	21 21 04.07417079	−61 11 24.6246564	0.00003676	0.0003037	0.501	53723.3	52861.2	54726.7	15	55
ICRF J212155.0 − 640430	2117 − 642	21 21 55.02144250	−64 04 30.0414361	0.00072733	0.0045372	−0.278	53565.2	52887.6	54457.4	4	14
ICRF J212313.3 + 100754	2120 + 099	21 23 13.35859284	10 07 54.9444328	0.00003926	0.0012636	−0.430	50334.7	49914.7	50700.6	2	58
ICRF J212344.5 + 053522	2121 + 053	21 23 44.51740226	05 35 22.0930770	0.00003013	0.0004380		49839.0	44774.0	54904.0	1243	42449
ICRF J213019.0 − 092737	2127 − 096	21 30 19.08825689	−09 27 37.4352232	0.00000580	0.0001076	−0.053	53328.6	50576.2	54858.7	7	277
ICRF J213032.8 + 050217	2128 + 048	21 30 32.87739291	05 02 17.4741657	0.00001691	0.0003452	−0.066	50223.0	47288.7	52409.7	27	162
ICRF J213135.2 − 120704	2128 − 123	21 31 35.26175118	−12 07 04.7960612	0.00004653	0.0011181		48077.2	45466.0	50688.4	846	12033
ICRF J213334.0 + 823906	2136 + 824	21 33 34.07967014	82 39 06.0533114	0.00027689	0.0005763	−0.777	51272.1	50688.3	54482.7	2	78
ICRF J213638.5 + 004154	2134 + 004	21 36 38.58630635	00 41 54.2129045	0.00006871	0.0018723		47002.2	44090.1	49914.3	974	20490
ICRF J213841.9 − 181044	2135 − 184	21 38 41.92862885	−18 10 44.3753458	0.00091634	0.0139967	−0.500	52176.0	50632.3	54314.7	3	12
ICRF J214152.4 − 372912	2138 − 377	21 41 52.44897381	−37 29 12.9911615	0.00002057	0.0003443	0.088	53799.6	53126.1	54741.8	15	67
ICRF J214335.5 + 174348	2141 + 175	21 43 35.54457708	17 43 48.7874674	0.00000540	0.0001375	−0.079	53860.6	53126.1	54803.7	8	297
ICRF J214518.7 + 111527	2142 + 110	21 45 18.77507729	11 15 27.3123526	0.00000770	0.0002166	−0.255	51537.5	49914.7	54845.7	5	344
ICRF J214622.9 − 152543	2143 − 156	21 46 22.97933395	−15 25 43.8856129	0.00000419	0.0000805	−0.097	52761.8	48196.8	54907.7	56	1066
ICRF J214710.1 + 092946	2144 + 092	21 47 10.16296927	09 29 46.6723567	0.00000471	0.0001037	−0.019	51425.2	46527.7	54872.7	30	1002
ICRF J214755.2 + 083011	2145 + 082	21 47 55.21940927	08 30 11.8975672	0.00003058	0.0013094	−0.660	50121.6	49914.7	50654.8	2	93
ICRF J214805.4 + 065738	2145 + 067	21 48 05.45867319	06 57 38.6042344	0.00002640	0.0003709		48954.2	44774.0	53134.3	2052	89165
ICRF J214935.2 + 075625	2147 + 077	21 49 35.26381734	07 56 25.3482976	0.00006787	0.0017836	0.019	50193.0	49914.7	50700.6	2	48
ICRF J215137.8 + 055212	2149 + 056	21 51 37.87549312	05 52 12.9545524	0.00000296	0.0000526	−0.238	53496.9	45466.3	54777.8	400	5717
ICRF J215155.5 − 302753	2149 − 307	21 51 55.52398143	−30 27 53.6979987	0.00000528	0.0000910	−0.252	53038.0	47640.2	54713.7	39	920
ICRF J215203.1 − 780706	2146 − 783	21 52 03.15457825	−78 07 06.6392494	0.00006617	0.0002229	0.545	51747.4	47626.5	54726.7	26	81
ICRF J215506.4 + 225022	2152 + 226	21 55 06.45849760	22 50 22.2812384	0.00001287	0.0001803	−0.205	50527.9	50085.5	53020.8	5	189
ICRF J215705.9 − 694123	2152 − 699	21 57 05.98055302	−69 41 23.6856532	0.00015438	0.0010074	0.844	50322.9	48110.9	52948.7	7	23
ICRF J215728.8 + 312701	2155 + 312	21 57 28.82387714	31 27 01.3518787	0.00001000	0.0002334	−0.109	52273.9	50219.8	54880.7	6	156
ICRF J215806.2 − 150109	2155 − 152	21 58 06.28190211	−15 01 09.3278616	0.00000394	0.0000857	−0.162	51257.7	46835.8	54112.8	80	1026
ICRF J215852.0 − 301332	2155 − 304	21 58 52.06512138	−30 13 32.1181085	0.00000896	0.0001140	−0.227	52581.1	48766.9	54741.8	29	400
ICRF J220143.5 + 504856	2159 + 505	22 01 43.53724629	50 48 56.3890080	0.00002269	0.0002316	−0.568	50688.7	49577.0	54643.7	3	212
ICRF J220243.2 + 421639	2200 + 420	22 02 43.29137194	42 16 39.9799287	0.00000372	0.0000420	−0.019	49553.9	44090.5	54837.7	1023	50807

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J220314.9 + 314538	2201 + 315	22 03 14.97578945	31 45 38.2699899	0.00002620	0.0004767		49527.2	45492.3	53562.0	824	26710
ICRF J220326.8 + 172548	2201 + 171	22 03 26.89368175	17 25 48.2477462	0.00000613	0.0001536	−0.090	51636.1	50085.5	54482.7	6	284
ICRF J220417.6 + 044002	2201 + 044	22 04 17.65233749	04 40 02.0225244	0.00003152	0.0007675	−0.339	54278.7	54278.7	54278.7	1	42
ICRF J220547.3 + 743621	2205 + 743	22 05 47.38895045	74 36 21.0555568	0.00006140	0.0002555	−0.360	54278.7	54278.7	54278.7	1	76
ICRF J220610.4 − 183538	2203 − 188	22 06 10.41649964	−18 35 38.7468764	0.00028566	0.0052317	−0.430	51492.1	50632.3	54187.7	3	21
ICRF J220752.8 + 165217	2205 + 166	22 07 52.86568240	16 52 17.8155788	0.00000881	0.0002778	0.195	52025.7	50085.5	54887.7	7	307
ICRF J220803.1 + 651938	2206 + 650	22 08 03.11040015	65 19 38.7901612	0.00032003	0.0019144	0.585	50728.5	49827.5	54482.7	2	31
ICRF J220847.2 − 632547	2205 − 636	22 08 47.24158807	−63 25 47.4884228	0.00014011	0.0016361	0.520	52865.1	52861.2	52872.9	2	6
ICRF J220921.4 + 374218	2207 + 374	22 09 21.42502140	37 42 18.2265941	0.00005791	0.0009853	0.199	51673.5	50242.8	54664.7	2	34
ICRF J220945.3 + 355601	2207 + 356	22 09 45.33433252	35 56 01.1296007	0.00001636	0.0004715	−0.449	50882.8	50242.8	54482.7	2	53
ICRF J221124.0 − 132809	2208 − 137	22 11 24.09945438	−13 28 09.7238974	0.00000814	0.0001477	−0.122	51875.3	50576.2	54865.7	4	117
ICRF J221302.4 − 252930	2210 − 257	22 13 02.49798276	−25 29 30.0805475	0.00000676	0.0001235	−0.116	51805.4	46875.8	54684.7	37	526
ICRF J221438.5 − 383545	2211 − 388	22 14 38.56965543	−38 35 45.0088598	0.00012050	0.0013575	0.135	51438.1	48766.9	52409.7	7	42
ICRF J221620.0 + 351814	2214 + 350	22 16 20.00990099	35 18 14.1802625	0.00000465	0.0000754	−0.090	52949.2	49750.8	54887.7	23	901
ICRF J221700.8 + 242145	2214 + 241	22 17 00.82117652	24 21 45.9578660	0.00000857	0.0002285	−0.164	51362.7	50219.8	53306.8	4	100
ICRF J221748.2 + 022010	2215 + 020	22 17 48.23793972	02 20 10.7121237	0.00001129	0.0003342	−0.072	51399.8	49914.7	54901.7	5	137
ICRF J221810.9 + 152035	2215 + 150	22 18 10.91390415	15 20 35.7175340	0.00000361	0.0000732	0.072	54654.2	53560.8	54907.7	8	654
ICRF J221819.0 − 503841	2215 − 508	22 18 19.02478840	−50 38 41.7306325	0.00050982	0.0021694	−0.020	53029.7	52887.6	53138.8	4	19
ICRF J221852.0 − 033536	2216 − 038	22 18 52.03772395	−03 35 36.8794566	0.00000304	0.0000547	0.087	48160.5	44773.8	54816.7	474	10545
ICRF J221914.0 + 180635	2216 + 178	22 19 14.09247653	18 06 35.5809092	0.00001170	0.0003022	0.138	52091.7	50085.5	54865.7	6	179
ICRF J222538.0 + 211806	2223 + 210	22 25 38.04713545	21 18 06.4150549	0.00000785	0.0001409	−0.025	50790.6	50085.5	52968.7	4	265
ICRF J223040.2 − 394252	2227 − 399	22 30 40.27856870	−39 42 52.0671100	0.00001448	0.0004215	0.151	51623.5	48162.4	52409.7	8	89
ICRF J223222.5 − 165901	2229 − 172	22 32 22.56457074	−16 59 01.8921888	0.00002940	0.0006187	−0.224	51341.5	50632.3	54643.7	4	81
ICRF J223236.4 + 114350	2230 + 114	22 32 36.40890517	11 43 50.9040717	0.00000307	0.0000516	−0.119	50638.6	46527.7	54781.7	190	3827
ICRF J223622.4 + 282857	2234 + 282	22 36 22.47084969	28 28 57.4132261	0.00003501	0.0004739		50314.7	45725.4	54904.0	2141	84357
ICRF J223634.0 − 143322	2233 − 148	22 36 34.08715533	−14 33 22.1895510	0.00000940	0.0002198	−0.413	50524.4	47176.5	52480.8	29	282
ICRF J223638.5 + 732252	2235 + 731	22 36 38.59702445	73 22 52.6623019	0.00001475	0.0000646	0.261	52605.6	49827.5	54803.7	110	1135
ICRF J224149.7 + 095352	2239 + 096	22 41 49.71729499	09 53 52.4447374	0.00001411	0.0003980	0.093	50832.6	49914.7	53609.2	2	161
ICRF J224307.8 − 625057	2239 − 631	22 43 07.83930112	−62 50 57.3222293	0.00003775	0.0003995	0.274	53633.5	53223.4	54578.6	9	30
ICRF J224553.6 + 050056	2243 + 047	22 45 53.65411834	05 00 56.9623044	0.00000867	0.0001948	−0.086	52352.9	49914.7	54880.7	5	273
ICRF J224618.2 − 120651	2243 − 123	22 46 18.23197613	−12 06 51.2774796	0.00002474	0.0008928		49443.2	44774.0	54112.5	893	19508
ICRF J224900.5 + 210702	2246 + 208	22 49 00.56671628	21 07 02.8357424	0.00000946	0.0002839	0.089	50723.2	50085.5	52975.7	4	193
ICRF J225357.7 + 160853	2251 + 158	22 53 57.74793616	16 08 53.5609470	0.00006206	0.0009731		49334.1	44090.1	54578.2	1083	31559
ICRF J225504.2 − 084404	2252 − 090	22 55 04.23979579	−08 44 04.0214838	0.00000593	0.0001094	−0.234	51932.1	47394.1	54741.8	47	653
ICRF J225536.7 + 420252	2253 + 417	22 55 36.70784831	42 02 52.5326236	0.00000505	0.0000653	−0.048	51961.8	47005.8	54872.7	63	1291

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J225710.6 − 362743	2254 − 367	22 57 10.60677155	−36 27 43.9953697	0.00010012	0.0023481	−0.457	52710.0	52306.7	53138.8	4	19
ICRF J225717.5 + 024317	2254 + 024	22 57 17.56309815	02 43 17.5117291	0.00000460	0.0000997	−0.256	52078.4	47394.1	54657.8	39	699
ICRF J230042.9 + 165514	2258 + 166	23 00 42.99114476	16 55 14.3913295	0.00001512	0.0002574	0.004	52558.8	52409.7	52765.7	3	88
ICRF J230153.4 + 060912	2259 + 058	23 01 53.46116994	06 09 12.8211451	0.00002294	0.0007216	−0.438	50618.2	49914.7	54643.7	2	121
ICRF J230305.8 − 303011	2300 − 307	23 03 05.82077241	−30 30 11.4733505	0.00015428	0.0022923	0.265	51293.5	48110.9	52306.7	4	22
ICRF J230428.2 + 062008	2301 + 060	23 04 28.29127676	06 20 08.3080763	0.00002754	0.0010637	−0.498	50358.8	49914.7	54482.7	2	72
ICRF J230436.4 + 233107	2302 + 232	23 04 36.43640329	23 31 07.6110505	0.00000706	0.0001823	−0.256	51472.1	50085.5	53362.8	28	237
ICRF J230700.9 + 380242	2304 + 377	23 07 00.99527267	38 02 42.2254719	0.00035958	0.0047199	−0.078	52686.0	50242.8	54314.7	2	10
ICRF J230914.3 − 305912	2306 − 312	23 09 14.33140800	−30 59 12.5840531	0.00001330	0.0003434	−0.042	53605.0	53126.1	54684.7	15	88
ICRF J231028.5 + 105530	2307 + 106	23 10 28.51774467	10 55 30.6967141	0.00000626	0.0001365	0.074	52624.9	49914.7	54893.7	6	320
ICRF J231147.4 + 454356	2309 + 454	23 11 47.40896553	45 43 56.0164564	0.00000795	0.0001198	−0.217	53353.9	50306.3	54818.7	6	314
ICRF J231351.9 − 472911	2311 − 477	23 13 51.90012627	−47 29 11.7222263	0.00055501	0.0025251	0.284	53041.3	52887.6	53138.8	3	14
ICRF J231409.3 − 445549	2311 − 452	23 14 09.38275788	−44 55 49.2376978	0.00004565	0.0009500	−0.210	51116.5	48162.4	52948.7	7	30
ICRF J231448.5 − 313839	2312 − 319	23 14 48.50058272	−31 38 39.5264841	0.00000743	0.0001238	−0.212	53009.2	48110.9	54741.8	34	600
ICRF J231643.3 − 334912	2314 − 340	23 16 43.38635153	−33 49 12.4854595	0.00003563	0.0003652	−0.297	53364.6	52306.7	54741.8	15	90
ICRF J231646.9 − 404121	2314 − 409	23 16 46.91998211	−40 41 21.0871784	0.00003507	0.0010656	−0.690	54601.7	54601.7	54601.7	1	15
ICRF J232154.9 + 320407	2319 + 317	23 21 54.95598893	32 04 07.6224628	0.00000545	0.0001052	0.096	54058.5	53126.1	54893.7	7	267
ICRF J232159.8 + 273246	2319 + 272	23 21 59.86222742	27 32 46.4436995	0.00000391	0.0000655	0.001	52174.2	47023.7	54657.8	43	1677
ICRF J232220.3 + 444542	2319 + 444	23 22 20.35808399	44 45 42.3534651	0.00000902	0.0001872	−0.038	52452.7	50306.3	54781.7	4	161
ICRF J232225.9 + 505751	2320 + 506	23 22 25.98218320	50 57 51.9636985	0.00000537	0.0000589	0.106	52386.2	48720.9	54901.7	26	1828
ICRF J232331.9 − 031705	2320 − 035	23 23 31.95375451	−03 17 05.0237932	0.00000436	0.0000924	−0.362	50811.6	47394.1	54768.6	106	822
ICRF J232407.1 − 371422	2321 − 375	23 24 07.11180376	−37 14 22.4555235	0.00001566	0.0001755	−0.129	53212.7	52306.7	54684.7	19	146
ICRF J232653.7 − 020213	2324 − 023	23 26 53.77676183	−02 02 13.7820517	0.00011105	0.0008198	0.337	53768.8	53768.8	53768.8	1	14
ICRF J232733.5 + 094009	2325 + 093	23 27 33.58056222	09 40 09.4627727	0.00001122	0.0003034	−0.200	51293.0	49914.7	53609.2	2	193
ICRF J232747.9 − 144755	2325 − 150	23 27 47.96426730	−14 47 55.7510225	0.00000588	0.0001321	−0.047	51574.0	47176.5	54684.7	31	606
ICRF J233040.8 + 110018	2328 + 107	23 30 40.85225174	11 00 18.7098281	0.00000524	0.0001217	−0.340	51136.7	46977.9	52767.7	32	632
ICRF J233138.6 − 155657	2329 − 162	23 31 38.65244503	−15 56 57.0096852	0.00000439	0.0000854	−0.092	52387.6	47176.5	54741.8	29	968
ICRF J233159.4 − 381147	2329 − 384	23 31 59.47613236	−38 11 47.6505007	0.00001091	0.0001404	−0.141	53102.8	47640.2	54741.8	34	289
ICRF J233219.0 − 411837	2329 − 415	23 32 19.04840940	−41 18 37.5837399	0.00004242	0.0010857	−0.453	54601.7	54601.7	54601.7	1	13
ICRF J233355.2 − 234340	2331 − 240	23 33 55.23782851	−23 43 40.6581030	0.00000730	0.0001351	−0.477	51320.9	46875.8	53153.2	36	355
ICRF J233612.1 − 523621	2333 − 528	23 36 12.14452180	−52 36 21.9504777	0.00010977	0.0010104	0.447	49319.6	48110.9	50049.5	6	20
ICRF J233756.6 − 175220	2335 − 181	23 37 56.62778690	−17 52 20.4107847	0.00002861	0.0011119	−0.068	50838.5	50632.3	54482.7	2	56
ICRF J233757.3 − 023057	2335 − 027	23 37 57.33907287	−02 30 57.6292276	0.00000381	0.0000709	−0.055	52685.0	47941.3	54887.7	61	983
ICRF J233829.3 + 270153	2335 + 267	23 38 29.38322439	27 01 53.2583763	0.00003985	0.0005050	−0.398	52773.6	51297.8	53068.7	2	48
ICRF J234029.0 + 264156	2337 + 264	23 40 29.02947504	26 41 56.8047738	0.00000756	0.0001352	−0.066	50050.9	48357.8	51927.8	16	665

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(Table 19: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J234118.7+192805	2338+191	23 41 18.79616599	19 28 05.4866466	0.00004145	0.0007819	−0.524	51456.3	50085.5	54643.7	3	48
ICRF J234312.3+233945	2340+233	23 43 12.38702775	23 39 45.6477901	0.00001233	0.0002814	−0.182	50460.1	50085.5	53020.8	4	126
ICRF J234636.8+093045	2344+092	23 46 36.83854476	09 30 45.5148840	0.00000456	0.0000937	0.009	50425.0	47288.7	52291.8	35	659
ICRF J234722.8+431053	2344+429	23 47 22.87424242	43 10 53.2190164	0.00003119	0.0004316	−0.402	51166.5	50242.8	54643.7	2	81
ICRF J234802.6−163112	2345−167	23 48 02.60852518	−16 31 12.0222445	0.00000454	0.0000898	−0.355	48835.8	46440.9	52340.7	163	1273
ICRF J235156.1−010913	2349−014	23 51 56.12260565	−01 09 13.3149650	0.00004482	0.0014458	−0.706	54292.7	54292.7	54292.7	1	38
ICRF J235311.4−274325	2350−280	23 53 11.46050638	−27 43 25.5764321	0.00004073	0.0012308	0.085	54818.7	54818.7	54818.7	1	34
ICRF J235347.4−303748	2351−309	23 53 47.45886169	−30 37 48.5027876	0.00001290	0.0002046	−0.111	54109.9	53126.1	54741.8	13	90
ICRF J235421.6+455304	2351+456	23 54 21.68022839	45 53 04.2365363	0.00000489	0.0000571	0.026	52872.5	47011.4	54865.7	55	1967
ICRF J235509.4+495008	2352+495	23 55 09.45814510	49 50 08.3395036	0.00001895	0.0001960	−0.275	49788.4	47019.9	51246.6	15	298
ICRF J235622.7+815252	2353+816	23 56 22.79391573	81 52 52.2552239	0.00007044	0.0001467	−0.165	52579.8	50688.3	54664.7	4	235
ICRF J235846.0+195520	2356+196	23 58 46.08512827	19 55 20.3023557	0.00001733	0.0005665	−0.260	50297.0	50085.5	54482.7	3	177

[a] ICRF Designations, constructed from the source coordinates with the format ICRF JHHMMSS.s+DDMMSS or ICRF JHHMMSS.s-DDMMSS; they follow the recommendations of the IAU Task Group on Designations.
[b] IERS Designations, previously constructed from B1950 coordinates; the complete format, including acronym and epoch in addition to the coordinates, is IERS BHHMM+DDd or IERS BHHMM-DDd.