A.H.Bridle

The Authorized Version of :-

"Observations of Radio Sources at 10.03 MHz"

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By

A. H. BRIDLE AND C. R. PURTON

who gratefully received

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TABLE I.

Serial number	Source	10.03 MHz flux density (f.u.)	Notes
DB 1	3C9	170± 35	constant spectral index below ≈100 MHz
DB 2	3C10	350± 110	maximum flux density between 10 and 22 MHz
DB 3	*3C20	205± 60	corrected for confusion by 3C22; spectral index may decrease below 25 MHz
DB 4	3C22	140± 25	corrected for confusion by 3C20; uncertain spectrum
DB 5	3C27	160± 40	constant spectral index
DB 6	3C31	120± 40	corrected for confusion by 3C34; constant spectral index
DB 7	†3C33	490± 100	possibly complex spectrum
DB 8	*3C34	200± 60	corrected for confusion by 3C31; constant spectral index
DB 9	*3C35	155± 30	spectral index may decrease below 100 MHz
DB 10	*3C47	260± 60	spectral index decreases below 22 MHz
DB 11	0135+30°1	110± 40	±1° uncertainty in declination
DB 12	*3C55	150± 60	spectral index decreases with decreasing frequency
DB 13	*3C66	560± 100	corrected for confusion by 4C42.6; spectral index increases with decreasing frequency below 38 MHz
DB 14	*3C65	150± 30	constant spectral index
DB 15	3C68.1	130± 25	spectral index decreases with decreasing frequency
DB 16	*3C68.2	185± 50	spectral index decreases with decreasing frequency
DB 17	*4C28.6	170± 50	constant spectral index
DB 18	~~4C39.10~~ 3C73	105± 25	confused with 4C39.9 and 4C38.8
DB 19	3C75	380± 120	spectral index may increase with decreasing frequency
DB 20	*4C35.6	155± 40	possibly resolved at 178 MHz
DB 21	3C79	210± 55	constant spectral index
DB 22	*3C84	1420± 320	corrected for confusion with 3C83.1; spectral index increases with decreasing frequency
DB 23	*3C86	185± 50	constant spectral index
DB 24	†3C89	560± 170	constant spectral index
DB 25	†3C98	210± 55	spectral index decreases below 20 MHz
DB 26	4C14.9 / 4C14.10	190± 45	combined spectrum may have constant spectral index
DB 27	*3C103	160± 40	spectral index may decrease below 22 MHz
DB 28	3C109	175± 45	constant spectral index
DB 29	0416+13°9	240± 80	±0°9 uncertainty in declination
DB 30	*3C111	360± 80	spectral index decreases below 22 MHz
DB 31	*3C123	800± 160	spectral index decreases below 22 MHz
DB 32	*3C129	270± 55	includes 3C129.1; constant spectral index
DB 33	3C130	110± 30	constant spectral index
DB 34	*3C131	470± 200	corrected for confusion by 4C33.10; spectral index increases with decreasing frequency below 38 MHz
DB 35	*HB9	800± 200	diameter 1°9±0°4 in both coordinates at 10 MHz; integrated flux density given
DB 36	3C133	100± 30	constant spectral index
DB 37	*3C134	520± 90	spectral index decreases below 25 MHz
DB 38	*3C144	4650±1200	constant spectral index, but may be affected by interstellar H II absorption
DB 39	*3C153 / 4C47.19	245± 45	spectral index of combined spectrum increases with decreasing frequency
DB 40	3C154	95± 30	spectral index decreases below 25 MHz
DB 41	*3C157	400± 100	spectral index decreases below 25 MHz
DB 42	3C158	200± 50	constant spectral index below 100 MHz
DB 43	3C166	125± 30	spectral index may decrease below 30 MHz
DB 44	3C172	130± 40	constant spectral index
DB 45	3C175	175± 65	spectral index may decrease below 40 MHz
DB 46	4C12.29 / 4C12.30	330± 150	combined spectrum may have constant spectral index
DB 47	*4C24.15	230± 45	spectrum uncertain
DB 48	*4C21.23	185± 65	constant spectral index
DB 49	~~4C39.10~~ 4C39.18	95± 30	spectral index decreases with decreasing frequency
DB 50	*4C56.16	160± 35	spectrum uncertain
DB 51	3C190	160± 35	constant spectral index
DB 52	3C191	230± 55	constant spectral index
DB 53	*†3C192	155± 40	constant spectral index
DB 54	*3C196	340± 70	spectral index decreases with decreasing frequency
DB 55	3C198	220± 80	possibly complex spectrum
DB 56	3C199	125± 35	4C43.16 and 4C44.17; constant spectral index
DB 57	3C200	140± 35	constant spectral index
DB 58	4C11.28	190± 50	constant spectral index
DB 59	3C205	135± 30	constant spectral index
DB 60	*4C29.31	210± 60	spectral index may increase with decreasing frequency
DB 61	0855+10°5	330± 90	±1° uncertainty in declination
DB 62	3C215	140± 40	constant spectral index
DB 63	4C18.28	120± 60	corrected for confusion by 4C18.27; spectral index may increase with decreasing frequency below 50 MHz

TABLE I (*continued*)

Serial number	Source	10.03 MHz flux density (f.u.)	Notes
DB 64	*4C38.27	260± 100	corrected for confusion with 3C217; constant spectral index
DB 65	3C218	(9100±3500)	(very) large ionospheric corrections at 10 MHz; probably constant spectral index
DB 66	*3C219	330± 75	constant spectral index
DB 67	[illegible] 0919+31	85 [illegible]± 25	spectrum uncertain. conf by 4C31.34
DB 68	4C14.31	175± 40	constant spectral index
DB 69	3C225	125± 45	spectral index decreases with decreasing frequency
DB 70	3C227	560± 130	spectral index may increase with decreasing frequency
DB 71	3C228	165± 35	constant spectral index
DB 72	*3C234	340± 80	constant spectral index
DB 73	[illegible] 3C238	185± 45	combined spectrum has constant spectral index
DB 74	4C39.29 4C39.30	125± 30	spectrum uncertain
DB 75	*3C244.1	180± 35	constant spectral index
DB 76	3C245	140 [illegible]± 35	constant spectral index
DB 77	1054+18°6	235± 60	±1°.1 uncertainty in declination
DB 78	*3C250	300± 70	constant spectral index
DB 79	3C252	120± 40	spectral index decreases below 38 MHz
DB 80	*3C254	160± 30	may be affected by Cas A sidelobe; spectral index probably decreases with decreasing frequency
DB 81	[illegible] 4C21.33	120± 30	constant spectral index
DB 82	3C264	630± 125	spectral index increases with decreasing frequency
DB 83	*4C55.22	230± 80	constant spectral index
DB 84	3C268.1	185± 50	constant spectral index
DB 85	†3C274	8300±2000	constant spectral index
DB 86	1249+57°9	100± 30	±1° uncertainty in declination; possibly includes 3C277.1
DB 87	*3C280	160± 30	constant spectral index
DB 88	*Coma Cluster	360± 70	corrected for confusion by 3C277.3; spectral index increases with decreasing frequency
DB 89	*1305+46°7	150± 30	spectrum uncertain; 38 MHz declination
DB 90	3C284	105± 25	confused by DB 88; spectral index may decrease with decreasing frequency
DB 91	*3C288	135 [illegible]± 40	constant spectral index
DB 92	*3C293	140 [illegible]± 30	spectral index may increase with decreasing frequency below 100 MHz
DB 93	4C31.44	100± 35	spectrum uncertain
DB 94	3C300	240± 50	constant spectral index
DB 95	4C48.38	120± 45	constant spectral index
DB 96	*4C38.39	180± 45	spectrum uncertain
DB 97	*4C47.39	150± 50	constant spectral index
DB 98	*3C310	500± 140	spectral index decreases with decreasing frequency
DB 99	*3C315	165± 55	confused by 3C310; constant spectral index
DB 100	*1522+43°6	150± 30	±0°.9 uncertainty in declination
DB 101	3C319	125± 30	constant spectral index below 178 MHz
DB 102	*3C321	170± 45	constant spectral index
DB 103	3C322	110± 20	constant spectral index
DB 104	3C327 3C327.1	1000± 300	combined spectrum has constant spectral index
DB 105	4C44.27	130± 40	constant spectral index
DB 106	*3C330	90 [illegible]± 50	constant spectral index, confused by 4C65.20
65.20 70±30 > DB 107	*4C35.40	160± 60	spectrum uncertain
DB 108	*3C336	160± 50	constant spectral index
DB 109	*3C337	160± 50	corrected for confusion with 4C43.38; spectral index increases with decreasing frequency
DB 110	*3C338	340± 65	spectral index decreases with decreasing frequency
DB 111	†3C348	5000±1000	constant spectral index
DB 112	†3C353	2000± 500	constant spectral index
DB 113	3C356	90 [illegible]± 25	spectral index decreases with decreasing frequency
DB 114	4C48.45	140± 25	constant spectral index
DB 115	3C380	140± 25	maximum flux density between 10 and 22 MHz
DB 116	3C388	105 [illegible]± 70	constant spectral index, confused by background irregularity.
DB 117	3C405	13500±3500	Cyg A; flux density from Bridle 1967
DB 118	3C409	430± 130	maximum flux density between 10 and 22 MHz
DB 119	Cygnus Loop	1300± 350	NGC 6960, NGC 6992-5; diameter 2°.2±0°.5 NS at 10 MHz; integrated flux density given
DB 120	3C430	190± 45	maximum flux density between 10 and 22 MHz
DB 121	3C438	120± 30	maximum flux density between 10 and 22 MHz
BD 122	3C452	330± 90	spectral index decreases below 22 MHz
DB 123	3C461	28000±2800	Cas A; flux density from Bridle 1967
DB 124	3C465	400± 70	constant spectral index