

Abell 2197

Observed: No

OBJ	Type	Magnitude	RA (2000.0)	DEC
PGC 58049	Galaxy E2	16	16 24 39.4	41 1 13
NGC 6138	Galaxy Sbc	15	16 24 53.8	41 3 4
MCG +7-34-22	Galaxy	17	16 25 1.7	40 55 16
PGC 58073	Galaxy	16	16 25 2	40 31 33
NGC 6147	Galaxy Sb	15.9	16 25 5.8	40 55 41
MAC 1625+4052	Galaxy	17	16 25 12.4	40 52 2
MAC 1625+4121	Galaxy	17	16 25 12.4	41 21 20
MAC 1625+4050	Galaxy	15.5	16 25 12.8	40 50 31
MAC 1625+4047	Galaxy	17	16 25 34.6	40 47 13
MAC 1625+4101	Galaxy	15	16 25 41.1	41 1 43
PGC 58100	Galaxy Sb	14.9	16 25 44.4	40 28 32
PGC 58102	Galaxy Irr	15.4	16 25 49.2	40 20 42
NGC 6150	Galaxy E?	15	16 25 50	40 29 19
MAC 1625+4046	Galaxy	16	16 25 55.2	40 46 42
MAC 1625+4020	Galaxy	17	16 25 58.4	40 20 49
MAC 1626+4044	Galaxy	15.5	16 26 1.6	40 44 34
PGC 58112	Galaxy S	15.5	16 26 5.2	41 3 0
MAC 1626+4120	Galaxy	16	16 26 6.9	41 20 46
PGC 58121	Galaxy S?	15.4	16 26 21.9	40 54 42
MAC 1626+4045	Galaxy	15.5	16 26 34.4	40 45 23
MAC 1626+4053	Galaxy	17	16 26 35.8	40 53 37
PGC 58134	Galaxy S	16	16 26 38.2	40 52 0
MAC 1626+4105	Galaxy	16	16 26 38.7	41 5 46
PGC 58135	Galaxy SB?	14.9	16 26 39.9	40 28 42
PGC 58143	Galaxy S?	16	16 26 45.1	40 41 3
MAC 1626+4055	Galaxy	17	16 26 50.1	40 55 6
MAC 1626+4059	Galaxy	16.5	16 26 50.1	40 59 59
PGC 58149	Galaxy SB?	14.3	16 26 52.9	41 15 13
MAC 1626+4047	Galaxy	16.5	16 26 57.9	40 47 54
MAC 1626+4104	Galaxy	18	16 26 58.9	41 4 20
MAC 1627+4048	Galaxy	15.5	16 27 0.8	40 48 37
PGC 58168	Galaxy	16	16 27 11	40 54 24
MAC 1627+4054	Galaxy	16	16 27 16.5	40 54 53
MAC 1627+4114	Galaxy	16	16 27 17.2	41 14 44
MAC 1627+4033	Galaxy	16.5	16 27 23.1	40 33 57
MAC 1627+4040	Galaxy	15.5	16 27 23.7	40 40 39
AGC 2196	Galaxy - 4	16.9	16 27 24	41 29 0
MAC 1627+4130	Galaxy	16.5	16 27 26.9	41 30 25
MAC 1627+4057A	Galaxy	17	16 27 29.6	40 57 57
MAC 1627+4129	Galaxy	15.5	16 27 31.1	41 29 55
MAC 1627+4108	Galaxy	16.5	16 27 33	41 8 20
MAC 1627+4128	Galaxy	17	16 27 35	41 28 44
MAC 1627+4109	Galaxy	16.5	16 27 35.9	41 9 51
PGC 58193	Galaxy E	15.6	16 27 36.9	40 40 16
MAC 1627+4014	Galaxy	15	16 27 37.1	40 14 47

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MAC 1627+4104A	Galaxy	17.5	16 27 38.1	41 4 36
PGC 58191	Galaxy		16 27 40	40 54 47
NGC 6160	Galaxy E	14.2	16 27 40.9	40 55 37
MAC 1627+4052	Galaxy	15	16 27 41	40 52 31
MAC 1627+4012	Galaxy	16	16 27 41.1	40 12 55
MAC 1627+4118	Galaxy	16	16 27 43.3	41 18 27
MAC 1627+4104B	Galaxy	15.5	16 27 45.7	41 4 21
MAC 1627+4056	Galaxy	16	16 27 50.2	40 56 16
MAC 1627+4036	Galaxy	15.5	16 27 55	40 36 21
MAC 1627+4029	Galaxy	15.5	16 27 59.2	40 29 50
MAC 1627+4057B	Galaxy	16	16 27 59.3	40 58 5
PGC 58221	Galaxy C	16	16 28 2.7	41 8 28
MAC 1628+4024	Galaxy	16	16 28 3	40 24 23
MAC 1628+4045	Galaxy	16.5	16 28 5.4	40 45 15
MAC 1628+4041	Galaxy	15	16 28 9.9	40 41 43
AGC 2197	Galaxy - 7	13.9	16 28 12	40 54 0
PGC 58229	Galaxy S?	15.3	16 28 14.1	40 18 50
MAC 1628+4033	Galaxy	16	16 28 15.1	40 33 27
MAC 1628+4058	Galaxy	15.5	16 28 17.6	40 58 1
MAC 1628+4056	Galaxy	17	16 28 19.6	40 56 3
MAC 1628+4054	Galaxy	16	16 28 21.7	40 54 27
MAC 1628+4051	Galaxy	16	16 28 25.1	40 51 31
PGC 58248	Galaxy Sa	15.5	16 28 25.2	41 10 5
PGC 58249	Galaxy S0	15.5	16 28 27.4	41 9 37
PGC 58251	Galaxy S?	14.6	16 28 28.1	41 13 7
MAC 1628+4043	Galaxy	16.5	16 28 28.6	40 43 18
MAC 1628+4118	Galaxy	16.5	16 28 30.8	41 18 19
MAC 1628+4137	Galaxy	16.5	16 28 31.3	41 37 13
MAC 1628+4053A	Galaxy	17	16 28 32	40 53 44
MAC 1628+4053B	Galaxy	17	16 28 34.2	40 53 11
MAC 1628+4029	Galaxy	16	16 28 36.1	40 29 51
MAC 1628+4040	Galaxy	15.5	16 28 36.3	40 41 7
PGC 58264	Galaxy L	15.4	16 28 37.8	41 9 47
PGC 58266	Galaxy	15.8	16 28 39.6	41 6 39
PGC 58268	Galaxy	15.5	16 28 41.6	41 8 9
MAC 1628+4020	Galaxy	16	16 28 51.8	40 21 5
PGC 58298	Galaxy C	16	16 28 54.1	40 52 0
MAC 1628+4053C	Galaxy	16.5	16 28 57.5	40 53 58
MAC 1628+4115	Galaxy	15	16 28 58.9	41 15 20
PGC 58308	Galaxy SABb	14.6	16 29 0.3	41 17 3
MAC 1629+4029	Galaxy	16	16 29 1.1	40 29 42
PGC 58307	Galaxy C	15.8	16 29 1.5	40 32 8
MAC 1629+4036	Galaxy	16.5	16 29 3.5	40 36 19
MAC 1629+4037A	Galaxy	15	16 29 4.7	40 37 2
PGC 58316	Galaxy		16 29 7.2	40 35 27

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MAC 1629+4039	Galaxy	15.5	16 29 7.9	40 39 54
PGC 58319	Galaxy		16 29 9.4	40 59 15
PGC 58321	Galaxy Sb	15.5	16 29 10.9	40 51 28
MAC 1629+4108	Galaxy	15.5	16 29 13	41 9 3
PGC 58326	Galaxy	16	16 29 15	40 14 28
MAC 1629+4015	Galaxy	16.5	16 29 16.2	40 15 38
MAC 1629+4025	Galaxy	17	16 29 17.4	40 25 21
MAC 1629+4033	Galaxy	17	16 29 21.1	40 33 45
PGC 58334	Galaxy S0?	15.3	16 29 23.8	40 52 30
MAC 1629+4026	Galaxy	17	16 29 26.3	40 26 19
MAC 1629+4043	Galaxy	16	16 29 26.9	40 43 20
MAC 1629+4032	Galaxy	17	16 29 28.4	40 32 46
MAC 1629+4024	Galaxy	16	16 29 31.5	40 24 46
MAC 1629+4051	Galaxy	17	16 29 37.1	40 50 54
MAC 1629+4014A	Galaxy	16	16 29 38.3	40 14 8
PGC 58344	Galaxy Sb-c	16.4	16 29 40.8	40 41 13
MAC 1629+4050	Galaxy	16.5	16 29 40.9	40 50 23
MAC 1629+4020	Galaxy	16.5	16 29 41.6	40 20 2
MAC 1629+4014B	Galaxy	16	16 29 41.8	40 14 53
PGC 58350	Galaxy C	16.5	16 29 46.5	40 52 29
NGC 6174	Galaxy C	16.2	16 29 47.7	40 52 19
MAC 1629+4014C	Galaxy	17	16 29 48.2	40 14 18
MAC 1629+4013	Galaxy	15.5	16 29 49.5	40 13 15
PGC 58358	Galaxy		16 29 52.1	40 49 30
NGC 6175	Galaxy Double	14.7	16 29 57.8	40 37 50
MAC 1630+4123	Galaxy	16.5	16 30 4.3	41 23 17
PGC 58367	Galaxy		16 30 5.7	40 47 53
MAC 1630+4052	Galaxy	16	16 30 7.4	40 52 49
MAC 1630+4048A	Galaxy	17	16 30 8.7	40 48 31
MAC 1630+4047	Galaxy	17.5	16 30 11.7	40 47 54
MAC 1630+4032	Galaxy	16.5	16 30 13.9	40 32 35
PGC 58379	Galaxy S	15.7	16 30 16	40 39 35
PGC 58373	Galaxy S	15.6	16 30 17.7	40 35 54
PGC 58376	Galaxy SBcd:	14.9	16 30 19	41 6 7
PGC 58377	Galaxy S	15.6	16 30 22.1	40 55 27
PGC 58378	Galaxy C	15.6	16 30 23.9	40 39 56
MAC 1630+4115A	Galaxy	16.5	16 30 24	41 15 23
MAC 1630+4115B	Galaxy	17	16 30 25.4	41 15 36
MAC 1630+4036	Galaxy	16	16 30 25.9	40 36 51
CGC 224-56	Galaxy E	15.7	16 30 26.8	40 43 29
G				
PGC 58385	Galaxy SB(rs)	14.8	16 30 26.8	41 29 2
MAC 1630+4101	Galaxy	17	16 30 30.9	41 1 0
MAC 1630+4105	Galaxy	17	16 30 31.3	41 5 40
MAC 1630+4106	Galaxy	17	16 30 31.3	41 6 35
MAC 1630+4126	Galaxy	16.5	16 30 33.1	41 26 21

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OBJ	Type	Magnitude	RA (2000.0)		DEC		
NGC 6180	Galaxy E?	15.1	16 30	33.9	40 32	21	
MAC 1630+4037	Galaxy	16.5	16 30	35	40 37	22	
KUG 1628+408	Galaxy Spiral	16	16 30	38.2	40 42	28	
PGC 58395	Galaxy Sb	16.1	16 30	38.9	41 12	38	
MAC 1630+4103	Galaxy	17.5	16 30	40	41 3	31	
PGC 58397	Galaxy S	15.5	16 30	41.8	40 31	45	
MAC 1630+4026A	Galaxy	16.5	16 30	43.1	40 26	55	
MAC 1630+4124	Galaxy	16	16 30	50.1	41 24	12	
MAC 1630+4048B	Galaxy	16.5	16 30	53	40 48	8	
MAC 1630+4118	Galaxy	16.5	16 30	53.8	41 18	20	
MAC 1630+4026	Galaxy	16.5	16 30	56.1	40 26	31	
PGC 58408	Galaxy C	16	16 30	58.7	40 55	50	
PGC 58410	Galaxy Sc	13.8	16 31	3.8	41 9	21	
PGC 58419	Galaxy	16	16 31	12.2	40 25	18	
NGC 6184	Galaxy Sb	15.1	16 31	34.3	40 33	56	

Sub Total: 150

Observed: Yes

OBJ	Type	Magnitude	RA (2000.0)		DEC		
NGC 6145	Galaxy S	15.1	16 25	2.4	40 56	48	
NGC 6146	Galaxy E?	13.5	16 25	10.3	40 53	34	
NGC 6173	Galaxy E	13.1	16 29	44.9	40 48	41	

Sub Total: 3**Total: 153**