

## Abell 1228

Observed: No

OBJ	Type	Magnitude	RA (2000.0)	DEC
MAC 1119+3419	Galaxy	16	11 19 51.7	34 20 7
MAC 1120+3407	Galaxy	15.5	11 20 6.8	34 7 40
MAC 1120+3408	Galaxy	16	11 20 11.3	34 8 59
MAC 1120+3418	Galaxy	17.5	11 20 20	34 18 20
PGC 34702	Galaxy Sab	15.1	11 20 20.8	34 5 46
MAC 1120+3433	Galaxy	17	11 20 21.3	34 33 43
MAC 1120+3429A	Galaxy	17.5	11 20 24.2	34 29 52
MAC 1120+3437	Galaxy	15.5	11 20 26.4	34 37 24
MAC 1120+3435	Galaxy	16.5	11 20 32.2	34 36 1
MAC 1120+3409	Galaxy	17	11 20 43.3	34 9 51
MAC 1120+3429	Galaxy	14.5	11 20 44.1	34 29 37
MAC 1120+3424	Galaxy	15	11 20 48	34 24 48
MAC 1120+3437A	Galaxy	16.5	11 20 54	34 37 15
MAC 1120+3433A	Galaxy	16.5	11 20 58.5	34 33 26
IC 2735	Galaxy Sab	15.4	11 21 3.9	34 20 38
MAC 1121+3406	Galaxy	17	11 21 4.5	34 6 52
MAC 1121+3421	Galaxy	16	11 21 10.6	34 20 57
MAC 1121+3434	Galaxy	16.5	11 21 17	34 34 16
MAC 1121+3402	Galaxy	16	11 21 18	34 2 30
IC 2738	Galaxy S?	15.3	11 21 23.1	34 21 24
MAC 1121+3412A	Galaxy	15.5	11 21 24.1	34 12 27
MAC 1121+3412B	Galaxy	15.5	11 21 25.9	34 12 16
PGC 34803	Galaxy	15.7	11 21 26.9	34 27 9
MAC 1121+3432	Galaxy	15.5	11 21 28.4	34 32 38
AGC 1228	Galaxy - 5	13.8	11 21 30	34 19 0
PGC 34812	Galaxy S0/a	15.1	11 21 30.8	33 57 27
MAC 1121+3408	Galaxy	16	11 21 31.1	34 8 32
MAC 1121+3411	Galaxy	14.5	11 21 34.1	34 11 45
MAC 1121+3357A	Galaxy	17	11 21 36.9	33 57 29
MAC 1121+3407	Galaxy	17	11 21 37.6	34 7 32
MAC 1121+3430	Galaxy	16	11 21 39.1	34 30 39
IC 2744	Galaxy S0?	15.4	11 21 42.5	34 21 46
MAC 1121+3418	Galaxy	16.5	11 21 42.7	34 18 25
MAC 1121+3415	Galaxy	16.5	11 21 45.7	34 15 16
MAC 1121+3437	Galaxy	16.5	11 21 50.7	34 37 43
MAC 1121+3357	Galaxy	16	11 21 54.3	33 57 37
MAC 1122+3438	Galaxy	17	11 22 1.6	34 38 30
MAC 1122+3411	Galaxy	15	11 22 2	34 11 52
IC 2751	Galaxy Sb	15.7	11 22 3.1	34 18 52
MAC 1122+3355C	Galaxy	16	11 22 5.1	33 55 26
MAC 1122+3401	Galaxy	14.5	11 22 5.1	34 1 42
MAC 1122+3421	Galaxy	15	11 22 7.4	34 21 58
MAC 1122+3405	Galaxy	17	11 22 8.6	34 5 32
MAC 1122+3355B	Galaxy	17	11 22 9.3	33 55 57
MAC 1122+3402A	Galaxy	16	11 22 10.1	34 2 16

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Observed: No

OBJ	Type	Magnitude	RA (2000.0)	DEC
MAC 1122+3416	Galaxy	16	11 22 14.4	34 16 57
MAC 1122+3406	Galaxy	15.5	11 22 15.5	34 6 42
MAC 1122+3414	Galaxy	16	11 22 28.3	34 14 31
MAC 1122+3413	Galaxy	17	11 22 34.4	34 13 50
MAC 1122+3423	Galaxy	16	11 22 35.8	34 23 37
MAC 1122+3407	Galaxy	15.5	11 22 40.5	34 7 8
MAC 1122+3410	Galaxy	15	11 22 40.6	34 10 54
MAC 1122+3402B	Galaxy	16	11 22 45	34 1 46
PGC 34933	Galaxy SBa	14.8	11 22 53.6	34 20 27
MAC 1122+3403	Galaxy	16	11 22 54.9	34 3 35
PGC 34936	Galaxy E:	14.3	11 22 56.4	34 6 40
MAC 1123+3423A	Galaxy	16.5	11 23 0.8	34 23 35
MAC 1123+3405	Galaxy	17	11 23 2.1	34 5 35
PGC 34946	Galaxy Sab	14.9	11 23 2.2	34 29 52
MAC 1123+3408A	Galaxy	15	11 23 3.4	34 8 10
MAC 1123+3407A	Galaxy	15.5	11 23 4.5	34 8 0
MAC 1123+3421	Galaxy	16	11 23 5.6	34 21 2
MAC 1123+3406A	Galaxy	16	11 23 5.8	34 6 12
MAC 1123+3407B	Galaxy	16.5	11 23 6.7	34 7 50
MAC 1123+3409A	Galaxy	15	11 23 8.7	34 9 59
MAC 1123+3412	Galaxy	15.5	11 23 10.3	34 12 36
MAC 1123+3417A	Galaxy	16	11 23 10.3	34 17 47
PGC 34957	Galaxy Sb	15.7	11 23 10.8	34 29 23
MAC 1123+3409B	Galaxy	15	11 23 11.7	34 9 9
MAC 1123+3423	Galaxy	16.5	11 23 14.5	34 23 4
MAC 1123+3419	Galaxy	16.5	11 23 15.5	34 19 22
MAC 1123+3417	Galaxy	16	11 23 24.9	34 17 56

**Sub Total: 72****Total: 72**