

# DAS MESSIER MARATHON RECORD

Name \_\_\_\_\_ Dates \_\_\_\_\_ / \_\_\_\_\_ Location \_\_\_\_\_ Seeing \_\_\_\_\_

| SEQ | MESSIER | NGC  | RA      | DEC    | VMAG | TYPE | CON/SA2K  | SIZE         | TIME | EQUIP | CONFIRMATION NOTES |
|-----|---------|------|---------|--------|------|------|-----------|--------------|------|-------|--------------------|
| 1   | 74      | 628  | 1 36.6  | 15 48  | 10.5 | Gal  | Psc / 10  | 10.2' X 9.5' |      |       |                    |
| 2   | 77      | 1068 | 2 42.7  | 0 2    | 10.5 | Gal  | Cet / 10  | 7' X 6'      |      |       |                    |
| 3   | 31      | 224  | 0 42.8  | 41 16  | 4.5  | Gal  | And / 4   | 178'         |      |       |                    |
| 4   | 110     | 205  | 0 40.4  | 41 41  | 10   | Gal  | And / 4   | 17' X 10'    |      |       |                    |
| 5   | 32      | 221  | 0 42.8  | 40 52  | 10   | Gal  | And / 4   | 8' X 6'      |      |       |                    |
| 6   | 33      | 598  | 1 33.9  | 30 40  | 7    | Gal  | Tri / 4   | 73' X 45'    |      |       |                    |
| 7   | 34      | 1039 | 2 42    | 42 47  | 6    | OCi  | Per / 4   | 35.0'        |      |       |                    |
| 8   | 76      | 650  | 1 42.4  | 51 34  | 12   | PIN  | Per / 4   | 163" X 107"  |      |       |                    |
| 9   | 79      | 1904 | 5 24.5  | -24 33 | 8.5  | GCl  | Lep / 19  | 8.7'         |      |       |                    |
| 10  | 42      | 1976 | 5 35.3  | -5 23  | 5    | DfN  | Ori / 11  | 85' X 60'    |      |       |                    |
| 11  | 43      | 1982 | 5 35.5  | -5 16  | 7    | DfN  | Ori / 11  | 20' X 15'    |      |       |                    |
| 12  | 78      | 2068 | 5 46.8  | 0 4    | 8    | DfN  | Ori / 11  | 8' X 6'      |      |       |                    |
| 13  | 50      | 2323 | 7 3.2   | -8 20  | 7    | OCi  | Mon / 12  | 16.0'        |      |       |                    |
| 14  | 47      | 2422 | 7 36.6  | -14 30 | 4.5  | OCi  | Pup / 12  | 30.0'        |      |       |                    |
| 15  | 46      | 2437 | 7 41.8  | -14 49 | 6.5  | OCi  | Pup / 12  | 27.0'        |      |       |                    |
| 16  | 41      | 2287 | 6 47    | -20 44 | 5    | OCi  | Cma / 19  | 38.0'        |      |       |                    |
| 17  | 93      | 2447 | 7 44.6  | -23 52 | 6.5  | OCi  | Pup / 19  | 22.0'        |      |       |                    |
| 18  | 52      | 7654 | 23 24.2 | 61 35  | 8    | OCi  | Cas / 3   | 13.0'        |      |       |                    |
| 19  | 103     | 581  | 1 33.2  | 60 42  | 7    | OCi  | Cas / 1   | 6.0'         |      |       |                    |
| 20  | 1       | 1952 | 5 34.5  | 22 1   | 9    | PIN  | Tau / 5   | 6' X 4'      |      |       |                    |
| 21  | 45      | 1432 | 3 47    | 24 7   | 1.4  | OCi  | Tau / 4   | 110.0'       |      |       |                    |
| 22  | 36      | 1960 | 5 36.1  | 34 8   | 6.5  | OCi  | Aur / 5   | 12.0'        |      |       |                    |
| 23  | 37      | 2099 | 5 52.4  | 32 33  | 6    | OCi  | Aur / 5   | 24.0'        |      |       |                    |
| 24  | 38      | 1912 | 5 28.7  | 35 50  | 7    | OCi  | Aur / 5   | 21.0'        |      |       |                    |
| 25  | 35      | 2168 | 6 8.9   | 24 20  | 5.5  | OCi  | Gem / 5   | 28.0'        |      |       |                    |
| 26  | 48      | 2548 | 8 13.8  | -5 48  | 5.5  | OCi  | Hya / 12  | 54.0'        |      |       |                    |
| 27  | 44      | 2632 | 8 40.1  | 19 59  | 4    | OCi  | Cnc / 12  | 95.0'        |      |       |                    |
| 28  | 67      | 2682 | 8 50.4  | 11 49  | 7.5  | OCi  | Cnc / 12  | 30.0'        |      |       |                    |
| 29  | 65      | 3623 | 11 18.9 | 13 6   | 10.5 | Gal  | Leo / 13  | 8' X 1.5'    |      |       |                    |
| 30  | 66      | 3627 | 11 20.2 | 13 0   | 10   | Gal  | Leo / 13  | 8' X 2.5'    |      |       |                    |
| 31  | 95      | 3351 | 10 43.9 | 11 42  | 11   | Gal  | Leo / 13  | 4.4' X 3.3'  |      |       |                    |
| 32  | 96      | 3368 | 10 46.7 | 11 49  | 10.5 | Gal  | Leo / 13  | 6' X 4'      |      |       |                    |
| 33  | 105     | 3379 | 10 47.8 | 12 35  | 11   | Gal  | Leo / 13  | 2.0'         |      |       |                    |
| 34  | 3       | 5272 | 13 42.2 | 28 23  | 7    | GCl  | CVn / 7   | 16.2'        |      |       |                    |
| 35  | 53      | 5024 | 13 12.9 | 18 10  | 8.5  | GCl  | Com / 7   | 12.6'        |      |       |                    |
| 36  | 64      | 4826 | 12 56.7 | 21 41  | 9    | Gal  | Com / 7   | 9.3' X 5.4'  |      |       |                    |
| 37  | 85      | 4382 | 12 25.5 | 18 12  | 10.5 | Gal  | Com / 7   | 7.1' X 5.2'  |      |       |                    |
| 38  | 51      | 5194 | 13 30   | 47 11  | 8    | Gal  | CVn / 7   | 11' X 7'     |      |       |                    |
| 39  | 101     | 5457 | 14 3.3  | 54 22  | 8.5  | Gal  | UMa / 7   | 22.0'        |      |       |                    |
| 40  | 102*    | 5866 | 15 6.5  | 55 45  | 10.5 | Gal  | Dra / 7/2 | 5.2' X 2.3'  |      |       |                    |
| 41  | 106     | 4258 | 12 18.9 | 47 19  | 9.5  | Gal  | CVn / 2   | 19' X 8'     |      |       |                    |
| 42  | 40      | WIN4 | 12 20   | 58 22  | 9    | DbI  | UMa / 2   | 49"          |      |       |                    |
| 43  | 81      | 3031 | 9 55.6  | 69 4   | 8.5  | Gal  | UMa / 2   | 21' X 10'    |      |       |                    |
| 44  | 82      | 3034 | 9 55.9  | 69 41  | 9.5  | Gal  | UMa / 2   | 9' X 4'      |      |       |                    |
| 45  | 97      | 3587 | 11 14.8 | 55 1   | 12   | PIN  | UMa / 2   | 202" X 196"  |      |       |                    |
| 46  | 108     | 3556 | 11 11.6 | 55 41  | 11   | Gal  | UMa / 2   | 8' X 1'      |      |       |                    |
| 47  | 109     | 3992 | 11 57.6 | 53 23  | 11   | Gal  | UMa / 2/7 | 7' X 4'      |      |       |                    |
| 48  | 63      | 5055 | 13 15.8 | 42 2   | 8.5  | Gal  | CVn 7     | 10' X 6'     |      |       |                    |
| 49  | 94      | 4736 | 12 50.9 | 41 8   | 9.5  | Gal  | CVn / 7   | 7' X 3'      |      |       |                    |
| 50  | 68      | 4590 | 12 39.5 | -26 45 | 9    | GCl  | Hya / 21  | 12.0'        |      |       |                    |
| 51  | 83      | 5236 | 13 37.1 | -29 52 | 8.5  | Gal  | Hya / 21  | 11' X 10'    |      |       |                    |
| 52  | 104     | 4594 | 12 39.9 | -11 37 | 9.5  | Gal  | Vir 13/14 | 9' X 4'      |      |       |                    |
| 53  | 61      | 4303 | 12 22   | 4 29   | 10.5 | Gal  | Vir 13/14 | 6' X 5.5'    |      |       |                    |
| 54  | 49      | 4472 | 12 29.8 | 8 1    | 10   | Gal  | Vir 13/14 | 9' X 7.5'    |      |       |                    |
| 55  | 58      | 4579 | 12 37.8 | 11 50  | 11   | Gal  | Vir 13/14 | 5.5' X 4.5'  |      |       |                    |

\* Replacement for M101 Duplicate

Equipment used: 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_

# DAS MESSIER MARATHON RECORD

Name \_\_\_\_\_ Dates \_\_\_\_\_ / \_\_\_\_\_ Location \_\_\_\_\_ Seeing \_\_\_\_\_

| SEQ | MESSIER | NGC   | RA |      | DEC |    | VMAG | TYPE | CON/SA2K   | SIZE          | TIME | EQUIP | CONFIRMATION NOTES |
|-----|---------|-------|----|------|-----|----|------|------|------------|---------------|------|-------|--------------------|
| 56  | 59      | 4621  | 12 | 42.1 | 11  | 39 | 11.5 | Gal  | Vir 13/14  | 5' X 3.5'     |      |       |                    |
| 57  | 60      | 4649  | 12 | 43.7 | 11  | 34 | 10.5 | Gal  | Vir 13/14  | 7' X 6'       |      |       |                    |
| 58  | 84      | 4374  | 12 | 25.1 | 12  | 54 | 11   | Gal  | Vir 13/14  | 5.0'          |      |       |                    |
| 59  | 86      | 4406  | 12 | 26.3 | 12  | 57 | 11   | Gal  | Vir 13/14  | 7.5' X 5.5'   |      |       |                    |
| 60  | 87      | 4486  | 12 | 30.9 | 12  | 24 | 11   | Gal  | Vir 13/14  | 7.0'          |      |       |                    |
| 61  | 88      | 4501  | 12 | 32.1 | 14  | 26 | 11   | Gal  | Com13/14   | 7' X 4'       |      |       |                    |
| 62  | 89      | 4552  | 12 | 35.7 | 12  | 34 | 11.5 | Gal  | Vir 13/14  | 4.0'          |      |       |                    |
| 63  | 90      | 4569  | 12 | 36.9 | 13  | 10 | 11   | Gal  | Vir 13/14  | 9.5' X 4.5'   |      |       |                    |
| 64  | 91      | 4548  | 12 | 35.5 | 14  | 30 | 11.5 | Gal  | Com13/14   | 5.4' X 4.4'   |      |       |                    |
| 65  | 98      | 4192  | 12 | 13.9 | 14  | 55 | 11   | Gal  | Com / 7    | 9.5' X 3.2'   |      |       |                    |
| 66  | 99      | 4254  | 12 | 18.9 | 14  | 26 | 10.5 | Gal  | Com / 7    | 5.4' X 4.8'   |      |       |                    |
| 67  | 100     | 4321  | 12 | 23   | 15  | 50 | 10.5 | Gal  | Com / 7    | 7' X 6'       |      |       |                    |
| 68  | 13      | 6205  | 16 | 41.7 | 36  | 28 | 7    | GCI  | Her / 8    | 16.6'         |      |       |                    |
| 69  | 92      | 6341  | 17 | 17.1 | 43  | 8  | 7.5  | GCI  | Her / 8    | 11.2'         |      |       |                    |
| 70  | 56      | 6779  | 19 | 16.6 | 30  | 11 | 9.5  | GCI  | Lyr / 8    | 7.1'          |      |       |                    |
| 71  | 57      | 6720  | 18 | 53.6 | 33  | 2  | 9.5  | PIN  | Lyr / 8    | 85.6" X 61.6" |      |       |                    |
| 72  | 71      | 6838  | 19 | 53.8 | 18  | 47 | 8.5  | GCI  | Sge 8/16   | 7.2'          |      |       |                    |
| 73  | 27      | 6853  | 19 | 59.6 | 22  | 43 | 7.5  | PIN  | Vul / 8/9  | 480" X 340"   |      |       |                    |
| 74  | 29      | 6913  | 20 | 23.9 | 38  | 32 | 9    | OCI  | Cyg / 8/9  | 7.0'          |      |       |                    |
| 75  | 39      | 7092  | 21 | 32.2 | 48  | 26 | 5.5  | OCI  | Cyg / 9    | 32.0'         |      |       |                    |
| 76  | 5       | 5904  | 15 | 18.6 | 2   | 5  | 7    | GCI  | Ser / 4/15 | 17.4'         |      |       |                    |
| 77  | 10      | 6254  | 16 | 57.1 | -4  | 6  | 7.5  | GCI  | Oph / 15   | 15.1'         |      |       |                    |
| 78  | 12      | 6218  | 16 | 47.2 | -1  | 57 | 8    | GCI  | Oph / 15   | 14.5'         |      |       |                    |
| 79  | 107     | 6171  | 16 | 32.5 | -13 | 3  | 10   | GCI  | Oph / 15   | 10.0'         |      |       |                    |
| 80  | 9       | 6333  | 17 | 19.2 | -18 | 31 | 9    | GCI  | Oph 5/22   | 9.3'          |      |       |                    |
| 81  | 14      | 6402  | 17 | 37.6 | -3  | 15 | 9.5  | GCI  | Oph / 15   | 11.7'         |      |       |                    |
| 82  | 11      | 6705  | 18 | 51.1 | -6  | 16 | 7    | OCI  | Sct 15/16  | 14.0'         |      |       |                    |
| 83  | 26      | 6694  | 18 | 45.2 | -9  | 24 | 9.5  | OCI  | Sct 15/16  | 15.0'         |      |       |                    |
| 84  | 16      | 6611  | 18 | 18.8 | -13 | 47 | 6.5  | C/N  | Ser 15/16  | 7.0'          |      |       |                    |
| 85  | 17      | 6618  | 18 | 20.8 | -16 | 11 | 7    | C/N  | Sgr 15/16  | 11.0'         |      |       |                    |
| 86  | 18      | 6613  | 18 | 19.9 | -17 | 8  | 8    | OCI  | Sgr 16/22  | 9.0'          |      |       |                    |
| 87  | 6       | 6405  | 17 | 40.1 | -32 | 13 | 4.5  | OCI  | Sco / 22   | 15.0'         |      |       |                    |
| 88  | 7       | 6475  | 17 | 53.9 | -34 | 49 | 3.5  | OCI  | Sco / 22   | 80.0'         |      |       |                    |
| 89  | 19      | 6273  | 17 | 2.6  | -26 | 16 | 8.5  | GCI  | Oph / 22   | 13.5'         |      |       |                    |
| 90  | 62      | 6266  | 17 | 1.2  | -30 | 7  | 8    | GCI  | Oph / 22   | 14.1'         |      |       |                    |
| 91  | 4       | 6121  | 16 | 23.6 | -26 | 32 | 7.5  | GCI  | Sco/ 22    | 26.3'         |      |       |                    |
| 92  | 80      | 6093  | 16 | 17   | -22 | 59 | 8.5  | GCI  | Sco / 22   | 8.9'          |      |       |                    |
| 93  | 8       | 6523  | 18 | 3.1  | -24 | 23 | 5    | C/N  | Sgr / 22   | 60' X 35'     |      |       |                    |
| 94  | 20      | 6514  | 18 | 2.3  | -23 | 2  | 5    | C/N  | Sgr / 22   | 28.0'         |      |       |                    |
| 95  | 21      | 6531  | 18 | 4.6  | -22 | 30 | 7    | OCI  | Sgr / 22   | 13.0'         |      |       |                    |
| 96  | 23      | 6494  | 17 | 56.8 | -19 | 1  | 6    | OCI  | Sgr / 22   | 27.0'         |      |       |                    |
| 97  | 24      | 6603+ | 18 | 18.4 | -18 | 25 | 11.5 | OCI  | Sgr 15/16  | 5.0'          |      |       |                    |
| 98  | 25      | 4725  | 18 | 28.8 | -19 | 17 | 4.9  | OCI  | Sgr 15/16  | 40.0'         |      |       |                    |
| 99  | 69      | 6637  | 18 | 34.4 | -32 | 21 | 9    | GCI  | Sgr / 22   | 7.1'          |      |       |                    |
| 100 | 22      | 6656  | 18 | 36.4 | -29 | 54 | 6.5  | GCI  | Sgr / 22   | 24.0'         |      |       |                    |
| 101 | 28      | 6626  | 18 | 24.5 | -24 | 52 | 8.5  | GCI  | Sgr / 22   | 11.2'         |      |       |                    |
| 102 | 54      | 6715  | 18 | 55.1 | -30 | 29 | 8.5  | GCI  | Sgr / 22   | 9.1'          |      |       |                    |
| 103 | 70      | 6681  | 18 | 43.2 | -32 | 18 | 9    | GCI  | Sgr / 22   | 7.8'          |      |       |                    |
| 104 | 55      | 6809  | 19 | 40   | -30 | 58 | 7    | GCI  | Sgr 22/23  | 19.0'         |      |       |                    |
| 105 | 75      | 6864  | 20 | 6.1  | -21 | 55 | 9.5  | GCI  | Sgr 22/23  | 6.0'          |      |       |                    |
| 106 | 15      | 7078  | 21 | 30   | 12  | 10 | 7.5  | GCI  | Peg / 16   | 12.3'         |      |       |                    |
| 107 | 2       | 7089  | 21 | 33.5 | 0   | 49 | 7.5  | GCI  | Aqr / 16   | 12.9'         |      |       |                    |
| 108 | 72      | 6981  | 20 | 53.5 | -12 | 32 | 10   | GCI  | Aqr / 16   | 5.9'          |      |       |                    |
| 109 | 73      | 6994  | 20 | 59   | -12 | 38 | 9    | OCI  | Aqr / 16   | 2.8'          |      |       |                    |
| 110 | 30      | 7099  | 21 | 40.4 | -23 | 11 | 8.5  | GCI  | Cap / 23   | 11.0'         |      |       |                    |

+ NGC 6603 only part of M-24 Star Cloud